

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
Issue Date FY: 2020 (Subtotal = \$1,844,143,906)					
2020	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$3,159,552
2020	FUDAN UNIVERSITY		R01AI129819	Influence of gut microbiota on vector competence of disease transmitting insects	\$141,776
2020	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$1,705,899
2020	FUNDACAO MANHICA		R01AI123050	Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MiPMoz)	\$134,649
2020	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R33AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$210,844
2020	UNIVERSITY OF CALGARY		R01AI141229	Production of a Gonococcal Vaccine for Countering Antimicrobial Resistance	\$810,000
2020	UNIVERSITY OF CAPE TOWN		R01AI143636	Host blood biomarkers for the diagnosis prognosis and treatment response of childhood TB	\$787,231
2020	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		G11AI152201	Capacity Building for Enhanced Research Administration (CaBERA- II) in Africa	\$107,892
2020	STATENS SERUM INSTITUTE		R01AI135721	A dual function TB subunit vaccine designed for non-interference with BCG and post-exposure activity	\$670,614
2020	UNIVERSITY OF CAPE TOWN		U01AI152151	Characterizing intact proviral HIV-1 reservoir size and determinants of reservoir dynamics in African populations	\$199,474
2020	SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY		R01AI152110	Target and Non-target Based Resistance to Bedaquiline in South Africa	\$349,957
2020	UNIVERSITY OF CAPE TOWN		R01AI152092	Repurposing kinase inhibitor chemotypes as antimalarials	\$350,000
2020	INSTITUT PASTEUR DE MADAGASCAR		R01AI129822	Investigating seasonal drivers of viral zoonoses from Madagascar fruit bats	\$134,977
2020	WITS HEALTH CONSORTIUM		R01AI129708	Active Case Finding Testing and Linkage to Treatment and Improved Survival (ACTTIS) Study	\$514,917
2020	MCGILL UNIVERSITY		R01AI143593	Large-scale screen with a novel assay against RNA editing to identify anti-trypanosomal agents	\$430,672
2020	UNIVERSITY OF PRETORIA		R01AI136832	Zoonotic tick-borne pathogens contribute to acute febrile illness in rural South Africa	\$141,019
2020	ACADEMISCH MEDISCH CENTRUM		R01AI145045	Disabling the replication-competent HIV provirus in the reservoir by combined CRISPR-Cas action	\$524,697
2020	UNIVERSITY OF ALBERTA		R01AI150944	Exploiting cross-reactive, conserved epitopes in Plasmodium vivax to develop a vaccine against falciparum placental malaria.	\$490,848
2020	ROSS UNIVERSITY SCHOOL OF VETERINARY MEDICINE		R03AI142024	Transmission of Rickettsia africae by Amblyomma americanum and Amblyomma maculatum	\$53,021

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2020	FEDERAL UNIVERSITY OF BAHIA		R01AI152938	The impact of social determinants, conditional cash transfers and primary health care on HIV/AIDS: an integrated retrospective and forecasting approach based on a cohort of 100 million Brazilians	\$454,046
2020	STELLENBOSCH UNIVERSITY		R01AI152109	Nanoparticle-based host-directed therapies for eradication of Mycobacterium tuberculosis	\$345,569
2020	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI116811	Genome-based diagnostics for monitoring and evaluation of insecticide resistance in Anopheles gambiae	\$442,853
2020	INTERNATIONAL CENTER FOR DIARRHOEAL DISEASE RESEARCH		R01AI116471	TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT UROPATHOGENIC E. coli IN BANGLADESH	\$115,855
2020	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$123,120
2020	CAUCASECO SCIENTIFIC RESEARCH CENTER		R01AI148843	Discovery and preclinical evaluation of Plasmodium falciparum and P. vivax coiled coil antigens for malaria vaccine development	\$458,622
2020	QUEEN'S UNIVERSITY KINGSTON		R33AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$307,868
2020	STELLENBOSCH UNIVERSITY		R01AI136836	Inhibitors of CoA biosynthesis as novel antitubercular and antistaphylococcal agents	\$135,431
2020	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI136870	The effect of Strongyloides stercoralis on HTLV-1 disease progression	\$135,000
2020	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI128765	Validation of Biomarkers of Pediatric TB and further development for use in diagnosis of childhood TB	\$1,095,861
2020	UNIVERSITY OF CAPE TOWN		R01AI143521	New tools for antimalarial target identification	\$141,842
2020	MAHIDOL UNIVERSITY		R21AI140939	HIV prevention among Asian MSM attending circuit parties	\$166,720
2020	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Epidemiology and Genomics of Multidrug resistant Salmonella Typhi infections in Kenya: The role of carriage in an endemic setting	\$132,968
2020	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$1,003,399
2020	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI145305	Epigenetic Control of CD8 T-Cell Differentiation in Human Lymph Nodes	\$142,626
2020	CHINA MEDICAL UNIVERSITY		R01AI150533	Antigen discovery for transmission-blocking vaccines in Plasmodium vivax	\$137,000
2020	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$0
2020	UNIVERSIDAD PERUANA CAYETANO		R01AI116470	Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)	\$135,000
2020	KINSHASA SCHOOL OF PUBLIC HEALTH		R01AI129812	A longitudinal epidemiological and epidemiological study of malaria and its vectors in the Kinshasa province	\$134,992

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2020	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		U19AI129910	Optimizing Surveillance and Treatment for Control of Cutaneous Leishmaniasis	\$552,668
2020	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$1,026,891
2020	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI143552	Molecular analysis of antibody repertoire elicited after yellow fever vaccination	\$144,160
2020	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI143496	Correlates of innate and T-cell immunity in seropositive and serodiscordant subjects for Trypanosoma cruzi infection.	\$135,000
2020	UNIVERSITY OF VICTORIA		R37AI051334	Extracellular Matrix Adhesins of Treponema pallidum	\$275,394
2020	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		G11AI152214	Implementing strategies for Building Capacity in Research Administration at CIDEIM, and subsequent dissemination within Colombia and the Latin American region	\$107,991
2020	INFECTIOUS DISEASE RESEARCH COLLABORATION		G11AI152202	Strengthening the Research Administration Capacity at the Infectious Diseases Research Collaboration to improve oversight of grant awards	\$108,000
2020	WITS HEALTH CONSORTIUM		R01AI152126	Evaluating the tuberculosis epidemic in South Africa using a novel ten-year cohort	\$344,863
2020	UNIVERSITY OF CAPE TOWN		U01AI152153	Maximizing the success of HIV+ to HIV+ kidney transplantation in South Africa	\$199,012
2020	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$133,800
2020	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI123070	HIGH-THROUGHPUT EPITOPE DISCOVERY: USE OF NEXT-GENERATION PEPTIDE CHIPS FOR FAST IDENTIFICATION AND FINE MAPPING OF DIAGNOSTIC AND PROGNOSTIC MARKERS FOR CHAGAS DISEASE	\$106,110
2020	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		U19AI129916	Noguchi Institute Initiative for NTDs Elimination (NIINE)	\$337,889
2020	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$664,129
2020	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		U19AI129387	ICEMR-Mali : Multidisciplinary research for malaria control and prevention in West Africa	\$885,210
2020	FUNDACAO DE APOIO A PESQUISA E A EXTENSAO DBA FAPEX		R01AI136862	Parasite polymorphism and host immune response in cutaneous leishmaniasis outcome	\$118,530
2020	WORLD HEALTH ORGANIZATION		U01AI139547	Accelerated public health and biomedical research on priority public health objectives through collaboration between US NIH and WHO	\$199,999
2020	Stichting Katholieke Universiteit		R01AI145781	ULTIMATE	\$858,364
2020	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$63,510
2020	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$328,566

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2020	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$67,927
2020	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$799,118
2020	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$1,957,168
2020	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$2,164,373
2020	FUNDACAO FACULDADE DE MEDICINA		U19AI098461	Sao Paulo-Minas Gerais Tropical Medicine Research Center for Chagas Disease Biomarker Discovery	\$409,983
2020	BANARAS HINDU UNIVERSITY		U19AI074321	Visceral Leishmaniasis in Bihar State, India	\$552,188
2020	MCGILL UNIVERSITY		R01AI132496	Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccines	\$532,647
2020	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI116453	Brucella survival strategy requires endoplasmic reticulum restructuring and interferes with innate immunity	\$140,535
2020	UNIVERSITY OF CAPE TOWN		R01AI152183	Immune-mediated adverse drug reactions to HIV and TB treatments in South Africa: predict, prevent and improve long-term outcomes (IMARI SA study)	\$349,915
2020	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2020	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,191,535
2020	UNIVERSITY OF GHANA		R01AI123074	Impact of insecticide resistance on the behavior and fitness of malaria vectors	\$132,123
2020	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$127,942
2020	UNIVERSIDAD PERUANA CAYETANO HEREDIA		U19AI129909	Improving Diagnostic and Management Tools for Neurocysticercosis (Peru-JHU TMRC Program)	\$536,121
2020	FIOTEC		R01AI129835	The role of Tregs and lipid mediators in the progression of Mycobacterium leprae infection to active disease	\$143,723
2020	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,017,372
2020	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI138546	Identification of the HIV Reservoir in Lymph Nodes Using Single Cell RNA-Seq	\$143,898
2020	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$1,379,527
2020	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI142472	Investigating the role of cerebral vasoconstriction in cerebral malaria	\$143,309
2020	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI143553	Alternative therapeutic approaches for the control of brain inflammation secondary to antihelminthic therapy in neurocysticercosis using a novel experimental pig model	\$134,720
2020	FOUNDATION FOR PROFESSIONAL DEVELOPMENT PTY LTD		R21AI148852	Identifying Men's Preferences for a Male-Centered TB Care Intervention	\$162,428

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2020	ROSS UNIVERSITY SCHOOL OF VETERINARY MEDICINE		R21AI151356	Sex-differential effects of adjuvanted and non-adjuvanted rabies vaccines on all-cause mortality in a novel animal model: understanding non-specific effects of vaccines in high-mortality populations	\$165,835
2020	Institute of Human Virology		R01AI147331	Impact of Non - B HIV - 1 Subtype on second line Protease Inhibitor Regimens in Africa (INSPIRE)	\$581,600
2020	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI150544	Understanding Immune Modulation in Taenia solium neurocysticercosis by using a novel postoncosphere in vitro model	\$134,987
2020	UNIVERSITY OF CAPE TOWN		R01AI152115	Antigenic and virological traits of HIV-1 breakthrough infections in the VRC01 antibody-mediated prevention Phase 2b trial in sub-Saharan Africa	\$348,710
2020	UNIVERSITY OF ALASKA FAIRBANKS	AK	R01AI118888	Role of Structural Flexibility in the Selection of Immunodominant MHCII Epitopes	\$332,140
2020	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	\$829,486
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI137338	Heme and hemoglobin utilization by Mycobacterium tuberculosis	\$667,943
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI139900	VPO1 Protects from Endotoxin-Mediated Inflammation and Septic Shock	\$157,781
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI142737	Tissue and organ specific human B cell immunity	\$4,007,470
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI146151	Defining the attachment of collagen-like protein BclA to B. anthracis spores	\$74,250
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI148368	Capsule protects intracellular pneumococci during vascular endothelial cell translocation	\$185,625
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI151235	HCMV-specific Memory T cell Subsets and HCMV breast milk transmission	\$222,750
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI152006	Assessing Flu-specific Humoral Immunity in Human Lung after Ex Vivo Lung Perfusion	\$185,625
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI138280	METABOLIC REPROGRAMMING OF T CELL ENERGY METABOLISM IN TUBERCULOSIS AND HIV	\$558,329
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,198,352
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI120619	HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment	\$770,664
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134023	B cell intrinsic interferon-beta regulates autoreactive B cell development	\$487,058
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI148108	Host Factors in Response to Therapeutic Monoclonal Antibodies and Vaccination	\$445,494
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121354	The necrosis-inducing toxin of Mycobacterium tuberculosis	\$474,163
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$478,791

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2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI142641	Sialylation dependent control of CD8 T cell stemness during chronic viral infection	\$222,750
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI142690	Geographic Variability in Time from HIV Diagnosis to Viral Suppression in the Deep South: A Roadmap to Accelerated Treatment Initiation	\$512,866
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI141724	The Roles of LPS-Binding Protein Vascular Peroxidase-1 in Innate Immunity	\$371,250
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI146065	Microbial Interactions between Gardnerella, Prevotella, and Atopobium Prior to Incident Bacterial Vaginosis	\$676,657
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI133445	Dysbiotic Infections in Chronic Obstructive Pulmonary Disease	\$185,625
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI137043	Interplay between the Mtb electron transport chain and carbon metabolism	\$399,102
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI149431	Pathogenic Autoantibodies with Specificity for Aberrant Glycoproteins: Assessment of a Therapeutic Target in an Autoimmune Disease	\$515,750
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$580,500
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of B cell differentiation by IFN γ induced transcription factors	\$269,030
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134693	Strain Dependent Structure and Function of the Influenza NS1 Protein	\$371,250
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI142759	Antiviral Drug Discovery and Development Center (AD3C)	\$7,500,000
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI145544	Structural basis for cellular secretion and uptake of HIV-1 Tat	\$222,750
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI152476	Molecular Analysis and Lineage Tracing of Influenza-Specific, Lung-Resident Memory B Cells	\$1,099,708
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$367,500
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI123162	Intersection of polyomavirus infection and host cellular responses	\$367,500
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI150664	Origin and Function of Double Negative T cells in Lupus	\$371,250
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$455,461
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$445,500
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$367,500
2020	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI149271	Determining the role of NLRP3 on the placement and protective potential of CD73+ BRMs post influenza infection	\$222,750
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI116653	Regulation and function of B cells during malaria infection- Resubmission	\$446,642

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2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI142056	A Novel Human Lung Infection Platform to Define Staphylococcus aureus Virulence Determinants	\$183,840
2020	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI121345	Examining Mechanisms of Synergy between Asthma Exacerbations and RV Infection	\$193,320
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI139580	Defining the efficacy of replication-dead viruses as gammaherpesvirus vaccines	\$233,250
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	U01AI148308	Development of a minimally invasive biomarker assay to detect delayed radiation injury	\$481,616
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI139106	Studies in Poxvirus Evasion of SAMD9 Pathway	\$373,071
2020	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	UM1AI130781	Arkansas Center for Food Allergy Research (ArCOFAR)	\$235,000
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI139124	Mechanisms of memory CD4 T cell-mediated immune protection against Chlamydia	\$375,091
2020	UNIVERSITY OF ARKANSAS SYSTEM	AR	R03AI151432	Developing a system for genetic manipulation of the Old World tick-borne relapsing fever spirochete, Borrelia duttonii	\$75,792
2020	UNIVERSITY OF ARIZONA	AZ	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$460,500
2020	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$407,106
2020	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R37AI071106	Mechanisms of Allergen-induced Type 2 Immunity	\$512,958
2020	UNIVERSITY OF ARIZONA	AZ	R21AI144887	Discovery of broad-spectrum influenza antivirals with a high genetic barrier to drug resistance by targeting the viral polymerase	\$194,099
2020	UNIVERSITY OF ARIZONA	AZ	R21AI144763	The Neisseria Type IV pilus as a mediator of persistent colonization	\$192,882
2020	UNIVERSITY OF ARIZONA	AZ	R01AI147325	High Throughput Screening of Inhibitors Targeting the Enterovirus A71 and D68 2A Proteases	\$398,056
2020	UNIVERSITY OF ARIZONA	AZ	R01AI141626	Host-cell mitochondrial alterations play a central role in EPEC pathogenesis	\$370,211
2020	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R21AI149660	Understanding the natural Coccidioides bioaerosol in time and space and its relationship to disease	\$239,767
2020	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U24AI152172	A scalable platform for highly-multiplexed analysis of antibody reactivity from <1uL of blood	\$505,400
2020	UNIVERSITY OF ARIZONA	AZ	R21AI152394	Systems-level genetic patterns underlying disseminated coccidioidomycosis in humans	\$244,304
2020	UNIVERSITY OF ARIZONA	AZ	R21AI144455	Assessing the physiological roles of distinct insulin-like peptides in the mosquito Aedes aegypti	\$230,250
2020	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI128729	Mechanisms of IL-33 secretion in allergic diseases	\$521,369
2020	UNIVERSITY OF ARIZONA	AZ	U01AI122275	Immuno-Genetic Basis for Human Disseminated Coccidioidomycosis	\$563,465
2020	UNIVERSITY OF ARIZONA	AZ	R01AI131598	CMV Control of Host Membrane Trafficking	\$448,895

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2020	LUCEOME BIOTECHNOLOGIES LLC	AZ	R44AI150237	Kinase Targeted Antimalarial Agents	\$957,654
2020	UNIVERSITY OF ARIZONA	AZ	R33AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$379,204
2020	UNIVERSITY OF ARIZONA	AZ	R01AI129945	GLUCOSE AND AMINO ACID CATABOLISM IN PLASMA CELL BIOLOGY	\$460,132
2020	UNIVERSITY OF ARIZONA	AZ	R21AI151117	Is DNA uptake the Achilles Heel of N. gonorrhoeae?	\$191,875
2020	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$480,186
2020	UNIVERSITY OF ARIZONA	AZ	R21AI146388	Quality Control of Antibody Responses by the Innate Signaling Adaptor MAVS	\$230,250
2020	UNIVERSITY OF ARIZONA	AZ	R21AI144722	Role of Gamma delta-17 T Cells in Asthma Protection by Amish Farm Exposure .	\$195,548
2020	ARIZONA STATE UNIVERSITY	AZ	U01AI148319	Rapid Low-Cost Paper-based Biodosimetry that reveals individual organ injuries	\$477,436
2020	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R21AI149311	A novel approach for deep phenotyping the CD4 T cell response to Mycobacterium Tuberculosis	\$255,206
2020	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$425,423
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI120625	Molecular Regulation of Systemic Inflammation	\$425,000
2020	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	\$1,375,860
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structures of the Immunoglobulin Heavy Chain Locus	\$381,730
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$123,468
2020	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$833,577
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI150007	Identification and Characterization of the Antiviral Response to RSV Infection: A Single Cell Approach	\$40,565
2020	BUCK INSTITUTE FOR RESEARCH ON AGING	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$694,794
2020	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$2,208,763
2020	SCRIPPS RESEARCH INSTITUTE	CA	U19AI123861	Cooperative Center for the study of HCV antibody responses and vaccine antigens	\$888,265
2020	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI124319	Systems Immunobiology of Antibiotic-Persistent MRSA Infection	\$1,947,150
2020	CEDARS-SINAI MEDICAL CENTER	CA	K08AI130366	Inflammatory monocytes and host control of cryptococcosis	\$165,864
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122747	Decoding the Chlamydia inclusion membrane protein-host protein interactome	\$613,137
2020	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127850	Biological consequences of enzymatic inactivation of Pseudomonas pyocyanin	\$523,956
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$737,082

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2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI141511	Development of validated probes for the bacterial type III secretion system	\$748,102
2020	STANFORD UNIVERSITY	CA	UM1AI130839	Evaluating the role of allergen dose and duration in the safety and efficacy of multi-allergen oral immunotherapy with Omalizumab	\$235,000
2020	La Jolla Institute For Immunology	CA	U19AI135731	LJI Epitope Validation Center: Characterization of epitope-specific T cells responding to food, fungal and inner city allergens	\$1,058,699
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI143454	Role of female genital mucosa associated CD4 T cells in vaccine-induced HIV susceptibility	\$196,250
2020	STANFORD UNIVERSITY	CA	U01AI140498	T Cell Reagent Research for Monitoring T Cell in Food Allergy	\$358,425
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI124979	Microbiome and Mucosal Immune Interactions in the Pathogenesis of HIV-1 Transmission	\$154,148
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI138553	Role of Microbiome in Neonatal Lung Maturation and Immune Susceptibility	\$554,328
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134987	Monocyte Production by Bone Marrow Progenitors	\$425,000
2020	SOMAGENICS, INC	CA	R44AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Virus	\$965,488
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127709	Studies to understand how mutations in the IKZF1 gene can contribute to development of autoimmune disease	\$19,998
2020	STANFORD UNIVERSITY	CA	R01AI130123	Host determinants of adeno-associated virus entry and trafficking	\$392,500
2020	UNIVERSITY OF CALIFORNIA	CA	R03AI138191	SUGAR-COATING HYPOALLERGENS - A NOVEL APPROACH FOR SHELLFISH ALLERGY IMMUNOTHERAPY	\$75,404
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137709	Strategies for the Irreversible Inhibition of Botulinum Neurotoxin	\$290,250
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI141728	Placental malaria: The role of inflammation at the maternal-fetal interface	\$189,986
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI144403	Regulation of B cell function in demyelinating disease by N-glycan branching	\$500,503
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145038	In Vivo Gene Editing for HIV-1 Cure	\$678,009
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134030	A novel essential inflammasome component propagating inflammatory responses	\$599,202
2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI144090	Structural, mechanistic, and antigenic insights into the human astrovirus capsid	\$350,421
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145044	B-cell-specific transduction for anti-HIV antibody and B-cell receptor expression	\$390,000
2020	CEDARS-SINAI MEDICAL CENTER	CA	R21AI142422	Antifungal immunity in Hirschsprung-Associated Enterocolitis	\$255,000

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2020	UNIVERSITY OF CALIFORNIA	CA	R03AI139648	Statin Lipophilicity as a Determinant of Drug Airway Distribution: A Pilot Study to Identify the Most Potent Statin(s) for the Treatment of Severe Asthma.	\$78,500
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143439	Evaluation of doxycycline post-exposure prophylaxis to reduce sexually transmitted infections in PrEP users and HIV-infected men who have sex with men	\$1,410,621
2020	ARISAN THERAPEUTICS INC	CA	R44AI127055	Development of a Highly Sensitive Quantitative Rapid Digital LSPR Diagnostic for Acute Dengue and Zika Virus Infection	\$1,000,000
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$386,250
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$380,714
2020	TRELLIS BIOSCIENCE LLC	CA	R44AI122360	Therapeutic Antibody for RSV IIB	\$1,000,000
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI150524	Structural Basis of APOBEC Functions and HIV Restriction	\$441,903
2020	APPLIED BIOMEDICAL SCIENCE INSTITUTE	CA	R21AI144828	Ultralong CDR3 antibodies targeting exhausted T cells	\$303,450
2020	Plex Pharmaceuticals, Inc.	CA	R43AI145617	Discovery and Development of Broad-spectrum Protease Inhibitors of Flaviviruses of Significant Public Health Threats	\$300,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI152773	Objective measures of adherence for later-stage ART failure in resource limited settings	\$80,542
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI148814	Molecular mechanisms of the first-identified bacterial HORMA and Pch2-like proteins in a novel second-messenger signaling pathway	\$224,228
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI149255	The Fc neonatal receptor and antibody-dependent enhancement of dengue virus infection	\$262,948
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI146915	Molecular mechanisms and ramifications of horizontal gene transfer into poxviruses	\$375,645
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI150083	Intracellular Recognition of Fungi by the Innate Immune System	\$241,500
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI151081	Identification of the mechanism by which Toxoplasma activates the NLRP1 inflammasome	\$235,500
2020	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$999,214
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI150553	Vaccination with self-launching RhCMV/SIV DNA vaccine vectors	\$233,432
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI151253	?-Lactamase Inhibitors Sensitize Multidrug-Resistant Gram-negative Pathogens to Innate Immune Clearance	\$205,362
2020	STANFORD UNIVERSITY	CA	R21AI146651	Drug development against Entamoeba histolytica	\$236,550
2020	ABWIZ BIO, INC.	CA	R41AI147697	Engineering a unique antibody for patients with RA	\$300,000
2020	TENDEL THERAPIES INC.	CA	R41AI150232	Nucleic acid-based formulation of cytomegalovirus-vectored HIV vaccines	\$300,000
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$457,671

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2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$503,617
2020	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$959,144
2020	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$510,019
2020	La Jolla Institute For Immunology	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$669,740
2020	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$469,091
2020	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$967,061
2020	La Jolla Institute For Immunology	CA	R01AI123398	Regulation of innate lymphoid cells in inflammation	\$442,500
2020	RAND CORPORATION	CA	R01AI118705	Modeling the Coupled Dynamics of Influenza Transmission and Vaccination Behavior	\$332,611
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118422	Perturbing the HIV Reservoir with Immune Stimulation	\$756,978
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI119019	Novel serologic assays of P. falciparum exposure for improved surveillance in control and elimination.	\$490,471
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI125141	Host defense-stimulating macrocyclic peptides for treatment of MDR bacterial infections	\$899,573
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$387,500
2020	STANFORD UNIVERSITY	CA	R01AI115469	Accelerated dissociation of IgE receptor complexes	\$390,943
2020	STANFORD UNIVERSITY	CA	R01AI116698	AAV capsid engineering for enhancing gene transfer	\$713,439
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$458,300
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI125842	Spatio-temporal data integration methods for infectious disease surveillance	\$716,058
2020	WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	R01AI141862	Identifying schistosomiasis resistance genes of snail vectors in hotspot transmission zones: Translating from laboratory models to the field.	\$344,390
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI141210	Brain Penetrant Microtubule-Stabilizers to Treat CNS-invasive Parasitic Diseases	\$252,094
2020	STANFORD UNIVERSITY	CA	R01AI129939	CTLA4 expressed in B-1a regulates B-1a immune function	\$404,011
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$397,980
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI127489	Treatment and Prevention of Systemic Candidiasis	\$470,794
2020	C3 JIAN LLC	CA	R33AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$367,300
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI135992	Automation and Evaluation of Real-Time Transmission Network-Based HIV Prevention Services in New York City	\$716,440
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI134327	Dissecting the signals that maintain HIV-specific CD8+ T cell exhaustion	\$208,440
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136962	Understanding the Molecular Genetic Mechanisms of Asthma Risk Loci: IL33, IL1RL1, and GSDMB	\$599,284

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2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127867	The NFkB System in Dendritic Cells	\$434,254
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI140718	Genetic evolution, pathogenesis and immune responses in mother to child transmission of ZIKV	\$750,411
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI143326	Impact of Immune Checkpoints Blockade on HSV-1 Neuro-Pathogenesis	\$231,750
2020	STANFORD UNIVERSITY	CA	R21AI145647	Structural interrogation of the HIV-1 5' leader RNA by multidimensional chemical mapping and cryoelectron microscopy	\$195,625
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI132851	Control of bacterial infections by a horizontally acquired host peptidoglycan amidase	\$396,618
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI143730	Surface sensing, memory, and motility control in biofilm formation	\$390,289
2020	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI141887	Function and mechanism of the mammalian RNA interference response to virus infection	\$573,498
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI135495	Discovery of Novel Antimalarial Leads Targeting Translational Repression in Plasmodium parasites	\$239,484
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143884	Engineer Immune Cells via Chemoenzymatic Glycan Editing	\$944,319
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI135322	Vaccine Efficacy after a Sanitation Campaign: A Natural Experiment	\$70,818
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI145055	N-glycan baiting to target the highly effective HIV Env shield	\$671,548
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$385,000
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI141569	Role of TET1 in airway epithelium and childhood asthma	\$565,584
2020	OSSIUM HEALTH, INC.	CA	R44AI129444	Optimizing Industrial-Scale GMP Processes for Recovering and Banking Deceased Donor Bone Marrow	\$999,998
2020	NEWOMICS INC	CA	R44AI106100	Senescence-Chips for Radiation Biodosimetry	\$997,365
2020	STANFORD UNIVERSITY	CA	R21AI148810	A genomic tool for identifying pathogenic circulating vaccine-derived polioviruses	\$236,550
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI145314	Molecular Mechanisms Underlying Dendritic Cell Adaptations During Chronic Infection	\$480,770
2020	STANFORD UNIVERSITY	CA	R01AI143889	Programmed Cell Removal (PrCR) by Macrophages: recognition and phagocytosis of target cells	\$404,694
2020	La Jolla Institute For Immunology	CA	R01AI143934	The Role of Cytoplasmic and Nuclear THEMIS in Immature and Mature T cells	\$688,446
2020	STANFORD UNIVERSITY	CA	R21AI150957	Characterization of encystation pathways in Entamoeba histolytica	\$250,529
2020	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI142261	Regulatory T cell function in predicting Valley fever outcomes	\$235,450
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI149648	Determine the minimal level of replication required for broad protective immunity of influenza vaccine	\$195,000

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2020	STANFORD UNIVERSITY	CA	R01AI149620	Characterizing infectiousness of subclinical TB and identifying novel early diagnostic strategies for preventing transmission	\$157,700
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI148304	Autophagy and the Replication of Hepatitis B Virus	\$412,500
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI150381	CAR T CELLS ENGINEERED TO KILL HIV-INFECTED CELLS WHILE SECRETING BROADLY NEUTRALIZING ANTIBODIES	\$443,750
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$362,894
2020	CEDARS-SINAI MEDICAL CENTER	CA	R21AI151987	Investigating the requirement of the commensal microbiota for long term T cell immunity	\$208,750
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI151004	Precision guided SIT for the control of vector-borne disease	\$460,487
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI150091	A Novel Prime/Pull Therapeutic Vaccine Strategy to Prevent Recurrent Genital Herpes	\$697,459
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI152038	Microbiome Function in Atopic Dermatitis	\$472,500
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI122528	Regulation of Gammaherpesviral Late Gene Expression	\$362,894
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$543,103
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI152430	Elucidating the role of rodent hosts on the transmission dynamics of coccidioidomycosis in California	\$41,320
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$3,229,048
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI128836	Designing and optimizing candidate HIV vaccines and boosting protocols	\$962,348
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125080	Bone quality and marrow adiposity in subjects with HIV	\$538,038
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118862	IL-27 elicited antibodies: A novel means to control persistent Arenavirus infection	\$481,250
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$587,131
2020	La Jolla Institute For Immunology	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$450,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128775	Integrated Exchange and Storage of Current- and Future -Generation Immunogenomic Data	\$377,400
2020	STANFORD UNIVERSITY	CA	R01AI125286	Beta-lactamase fluorescent probes for bacterial detection	\$584,232
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$481,250
2020	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI127302	Innate Immune Surveillance of HIV-1 During Transmission and Systemic Infection	\$860,913
2020	STANFORD UNIVERSITY	CA	R01AI130398	Effects of aging on primary and secondary vaccine responses in a 15-year longitudinal cohort	\$719,974
2020	STANFORD UNIVERSITY	CA	R01AI130058	Strategies for tuberculosis control in prisons	\$670,765

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2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128796	Maturation, Infectibility, and Trauma(MIT) Contributes to HIV Susceptibility in Adolescents	\$570,239
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132731	Cell decision underlying B-cell immune responses	\$434,773
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI135118	Antimicrobial Resistance Transmission Associated with Small-Scale Food-Animal Production in Peri-Urban Communities of Quito, Ecuador	\$528,169
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI136621	Dissecting Polyclonal Sera to Reveal Correlates of Productive Immune Responses to HIV	\$921,938
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI138479	Organ-specific autoimmunity resulting from two genetic defects in tolerance	\$402,916
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI150554	Effective CMV-based SIV vaccine regimens for newborn infants via IL-10 modulation	\$778,922
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI116885	Regulation of TH17 Cell Development and Function by the REV-ERBs	\$480,000
2020	La Jolla Institute For Immunology	CA	R01AI134971	Integrated Functional Histopathology of the Diabetic Human Pancreas	\$699,000
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI142525	Mechanisms of neutrophil killing of the human-infective parasite Trichomonas vaginalis and immune evasion by the parasite and its symbiont Mycoplasma hominis	\$195,000
2020	STANFORD UNIVERSITY	CA	R33AI127581	Parasite-specific proteasome inhibitors to combat multi-drug resistant malaria	\$462,817
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI144825	Gamma delta IEL control of intestinal infection: roles for CD100 and JAML	\$241,875
2020	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI139244	The role of purine biosynthesis and stringent response in persistent MRSA endovascular infections	\$490,169
2020	STANFORD UNIVERSITY	CA	R01AI141970	Host Genes Critical for Flavivirus Infection	\$391,250
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI140962	Personalized strategies for HIV treatment maintenance: an application of novel machine learning methods to HIV care in East Africa	\$40,895
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI139234	Epitranscriptomic regulation of HBV gene expression	\$393,750
2020	LINNAEUS BIOSCIENCE, INC.	CA	R01AI144091	Development of a new class of antifungals effective against Cryptococcus	\$725,894
2020	STANFORD UNIVERSITY	CA	R01AI140186	Deciphering the inositol phosphate code in viral pathogenesis and immunity	\$391,250
2020	CEDARS-SINAI MEDICAL CENTER	CA	R21AI139865	Role of ER and Mitochondrial Stress in Coronary Arteritis and Vasculitis	\$255,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI145437	Redefining Tuberculosis Meningitis with Metagenomics and Host Transcriptomics	\$686,519
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI145629	Fusion peptide directed immunogens that elicit neutralizing and protective antibodies in non-human primates	\$911,877
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI026918	Parasite immunity orchestrated by type 2 immune cells	\$403,334

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2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI138512	TLR-dependent B cells in Lupus	\$241,875
2020	STANFORD UNIVERSITY	CA	R01AI139119	Regulation of the IgG Fc domain repertoire	\$588,222
2020	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$465,070
2020	ORYN THERAPEUTICS, LLC	CA	R44AI142959	Cyclic Orynotides for Systemic MDR Candidiasis	\$998,632
2020	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI144462	Consortium for HIV/AIDS Vaccine Development	\$188,714
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI139047	Salmonella-specific Th1 cell function and residence	\$384,168
2020	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI145206	Feedback controlled, ultra-high-precision drug delivery	\$488,836
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI130381	Deconvolution of pro- and anti-viral responses to Dengue virus and Zika Virus infections	\$203,796
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI148336	Integrating epidemiologic and environmental approaches to understand and predict Coccidioides exposure and coccidioidomycosis emergence	\$774,446
2020	STANFORD UNIVERSITY	CA	R21AI149268	Developing CRISPR genome editing technology for Entamoeba	\$236,550
2020	PURACATH MEDICAL, INC	CA	R44AI134553	Therapeutic UV Disinfection System to Prevent Catheter Related Bloodstream Infections (CRBSIs) in Patients with Peripherally Inserted Central Catheters (PICCs)	\$1,000,000
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI151084	Identify Toxoplasma genes that determine in vivo fitness with CRISPR-Cas9 genetic screens	\$235,500
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI146464	Evaluation of in vitro and in vivo efficacy of glycan-based compounds against flavivirus endothelial permeability and vascular leak	\$237,500
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI151520	Improving the efficiency of clinic-based active tuberculosis case finding: evaluation of point-of-care C-reactive protein-based triage testing in Vietnam.	\$181,824
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI146460	HMG-CoA Reductase Inhibitors as New Drug Leads for Naegleria Infection	\$236,250
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI149354	Developing synergistic antibiotic and phage cocktails to target bacterial pathogens	\$238,692
2020	SIXAL INC	CA	R43AI149739	Safety and efficacy of an allergy therapeutic targeting FcERI bound IgE in human immune reconstituted mice.	\$286,656
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI149071	Genome-wide CRISPR/Cas9-mediated loss-of-function screens to identify Toxoplasma genes that determine fitness in gamma interferon-stimulated human cells	\$235,500
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI149444	Metal-binding Isosteres for Influenza Endonuclease Inhibitors and Beyond	\$340,957
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI150061	Dissecting the role of geranylgeranyl glutathione in the germinal center response	\$37,283
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI152523	Expediting elicitation of HIV-1 bnAbs with membrane Env vaccines	\$726,229
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI144144	EV71 intra-host evolution, attenuation and vaccine development	\$201,354

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2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI148322	Acute radiation injury alters microRNA profiles that predict late tissue-specific damage	\$415,703
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular mechanisms of attachment by the ventral disc in Giardia	\$521,438
2020	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI148668	Characterizing the nuclear pore complex-T cell receptor connection	\$647,737
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI151075	Natural History of C. trachomatis urogenital and rectal infections	\$816,577
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI150741	Computational models of naturally acquired immunity to falciparum malaria	\$1,165,083
2020	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$549,500
2020	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$397,844
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI121513	Coopting epigenetic regulators by Aire to maintain immune tolerance	\$220,495
2020	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$396,231
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$759,666
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI130470	Regulation of IgE responses by B cell receptor signaling	\$396,250
2020	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,250
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$1,620,775
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	Role of Hematopoietic System and Proteomics in HIV-Associated Cardiovascular Disease	\$193,512
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI123105	Early HIV Effects on Gut Immunity and Inflammation for Seeding Viral Reservoirs	\$735,785
2020	STANFORD UNIVERSITY	CA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$195,156
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R37AI091476	Therapeutic Use of an Enhanced Form of CD4-Ig	\$882,067
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI131296	Therapeutic vaccination and PD-1 blockade in treated HIV disease	\$1,377,326
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI130065	Mechanisms of Protection of Universal Therapeutic Antibodies to Influenza A	\$817,703
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131424	Development of Sustained-Release Anti-HIV Nucleoside Phosphonate Nanoparticles	\$749,444
2020	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI122344	Antigen-specific B cell tolerance in the gut-associated lymphoid tissue (GALT)	\$487,500
2020	STANFORD UNIVERSITY	CA	R01AI127877	Storage and recall of human B cell memory of influenza over tissues and time	\$392,800

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	La Jolla Institute For Immunology	CA	R01AI121426	Epigenome-wide association study of childhood asthma	\$790,887
2020	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI130056	Mechanisms and Circumvention of Daptomycin Resistance in Streptococcus mitis	\$626,887
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,411,690
2020	STANFORD UNIVERSITY	CA	F32AI133917	Phenotypic profiling of bacterial stress response networks: A transformative framework for characterizing and predicting antibiotic targets and interactions	\$69,306
2020	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI139275	Effect of Maternal Influenza Vaccination during Pregnancy on Risk of Infant Influenza	\$137,131
2020	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI135200	FUNCTIONAL GENOMICS AND MECHANISM OF BCL11B ACTION IN LYMPHOCYTE COMMITMENT	\$632,343
2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI116946	The function of chemotactic signal transduction during colonization and disease	\$516,946
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI135661	An unnatural amino acid system for capturing protein-protein interactions in Toxoplasma gondii	\$224,742
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI135257	Molecular and evolutionary mechanisms of poxviral adaptation to new species	\$235,260
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI139968	Real-time metabolic analysis of virulence activation in P. aeruginosa using fluorescence lifetime imaging microscopy (FLIM)	\$171,050
2020	La Jolla Institute For Immunology	CA	R01AI139749	CD4 T cell control of cytomegalovirus	\$720,659
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI139375	Identification of circulating and tissue-specific autoimmune responses in checkpoint inhibitor-induced immune-related adverse events	\$199,098
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI145325	C3-Dependent Intracellular Killing in Innate Immunity and Bacterial Pathogenesis	\$628,663
2020	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI146987	Biological mechanisms and consequences of chlorate treatment on Pseudomonas aeruginosa chronic wound infections	\$238,667
2020	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI139916	Developing lipopolysaccharide-neutralizing peptides through modular high throughput screening strategies	\$68,034
2020	PLANET BIOTECHNOLOGY INC	CA	R44AI147930	An immunotherapeutic to prevent gonorrhea	\$798,475
2020	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI149237	Evaluation of a High-Affinity and BTLA-specific HVEM Protein Agonist in vivo	\$292,500
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI146615	Mechanism underlying regulation of Ca ²⁺ signaling in local effector T cells	\$227,499
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI150326	Synthetic lethality screens in a nutrient sensitized Toxoplasma strain to identify novel proteins that mediate nutrient acquisition in chronic Toxoplasma infection.	\$235,500
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI151293	Dual TCR Expression Effects on Alloreactivity and Transplantation	\$382,111

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2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI145572	The science for the last mile: Enhanced epidemiologic surveillance to accelerate HIV elimination	\$135,824
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI136606	Dual CMV and HIV CARs for Cure of HIV	\$195,000
2020	La Jolla Institute For Immunology	CA	U01AI150753	Developing computational models to predict the immune response to B. pertussis booster vaccination	\$1,391,377
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI152511	Exploring the parasite genomics of severe falciparum malaria in Mozambique	\$237,100
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI148465	Mechanisms of peptidoglycan-induced modulation of metabolic and inflammatory responses to bacteria	\$417,500
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI149341	Presentation of Qa-1 restricted peptides during homeostasis and viral infection	\$568,098
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143931	Non-immunosuppressive Sanglifohrin Analogs as Therapeutic Agents for Viral Hepatitis-induced Liver Damage Development	\$443,750
2020	IMMPORT THERAPEUTICS INC	CA	R43AI145607	Scanning the Cryptosporidium proteome for vaccine antigens	\$300,000
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$393,010
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$1,699,128
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$528,154
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q21, allergic inflammation, and remodeling	\$501,957
2020	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R37AI066232	Regulation of memory CD8 T cell development	\$577,200
2020	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$534,731
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI125704	Molecular mechanisms of botulinum neurotoxin neutralization	\$567,527
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI147837	Defining the regulation of double-strand DNA break repair by HIV Vpr	\$371,551
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125365	Analyses of the Antiviral and Antifibrotic Mechanisms of Action of NS5A and Cyclophilin Inhibitors	\$481,250
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI137575	The role of macrophages during hematopoietic stem cell emergence	\$190,487
2020	STANFORD UNIVERSITY	CA	R01AI125320	Viral GPCR recognition of chemokines and engineered ligands	\$395,000
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$1,881,538
2020	La Jolla Institute For Immunology	CA	R01AI137230	Host nutrients permit immune evasion of NKT cell anti-bacterial responses	\$615,389
2020	ABREOS BIOSCIENCES INC	CA	R44AI138838	Personalized precision dosing of anti-TNF biologic therapies	\$841,118

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2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI131939	Novel next-generation sequencing assay for monitoring multidrug resistant tuberculosis treatment in the setting of HIV infection	\$731,288
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135029	Improving Influenza Vaccination Delivery Across a Health System by the Electronic Health Records Patient Portal	\$761,361
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI136725	Molecular epidemiology of HIV and Neisseria gonorrhoeae in the context of drug resistance	\$137,753
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI139410	Target antigen identification to improve Salmonella vaccination	\$382,319
2020	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,251
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI137239	PSGL-1 mechanisms of T cell exhaustion	\$386,250
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI142544	Social Motility and cAMP signaling in chemotaxis and parasite-vector interactions of African trypanosomes	\$74,316
2020	STANFORD UNIVERSITY	CA	R01AI136952	Functional genetics of human innate immunity in the bimodal gamma delta T cell response to Epstein-Barr Virus and in education of NK cells and their re-education to respond to autologous cells	\$391,250
2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI143997	Molecular mechanism of antigen editing by Class-I MHC Chaperones	\$751,351
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI144048	Mentoring translational scientists in international infectious disease research	\$191,553
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI142388	Developing AIM/LIR-independent fluorescent protein sensors for mAtg8s	\$78,750
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI144823	Regulation of T cell metabolism by DRAK2	\$183,112
2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI144740	H. pylori lactate finding, utilization, and creation during stomach colonization	\$171,429
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI138550	Exploring the role of type I interferon in Rickettsia pathogenesis	\$235,500
2020	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$516,321
2020	AURITEC PHARMACEUTICALS INC	CA	R44AI136201	IND-enabling preclinical development of a sustained-release Pritelivir intravaginal ring for the treatment and prophylaxis of Genital Herpes in women	\$1,000,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143187	Epigenetics of uterine quiescence	\$619,213
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI146810	Modeling tuberculosis infection in a new collection of genetically diverse mice	\$196,250
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI148119	Mapping the effector response space of antibody combinations	\$318,884
2020	BIOVINC LLC	CA	R44AI125060	Bone targeted delivery of an antimicrobial drug for osteomyelitis therapy	\$999,300
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI149339	Clinical study of STI screening to prevent adverse birth and newborn outcomes	\$811,925

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2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000
2020	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI151072	A New Approach to an Old Problem: Redesigning Latent Tuberculosis Screening and Treatment	\$800,637
2020	STANFORD UNIVERSITY	CA	R01AI149614	Yellow fever in Brazil: new insights on an old disease	\$157,433
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI151189	Using human vaccine studies to develop a model of antibody-mediated protection against dengue viruses	\$121,720
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI150282	Systems-level identification of key regulators deciding immune cell state	\$718,083
2020	STANFORD UNIVERSITY	CA	R21AI149277	An Integrated Micro-Basophil Activation Test for Rapid Food Allergy Diagnostics	\$224,398
2020	ENABLE BIOSCIENCES INC	CA	R44AI141118	Multiplex food allergy diagnostic based on IgE immunologic markers	\$845,777
2020	QUERCUS MOLECULAR DESIGN, LLC	CA	R41AI149960	Development of Broad Spectrum Antifungal Agents	\$300,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI145806	Persistent Functional Immune Defects in Treated HIV Infection	\$184,290
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$348,750
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$382,155
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$562,880
2020	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$510,194
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	MicroRNA-mediated control of immune responses and tolerance	\$393,750
2020	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$505,995
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Innate immune sensing of ER stress during bacterial infection	\$429,056
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123024	Novel methods of pharmacologic monitoring for multidrug resistant tuberculosis treatment in the setting of HIV infection	\$670,213
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI114575	The cell and molecular mechanisms underlying CD28 costimulation	\$396,250
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI141481	Biosynthesis and Enzymology of Antifungal Natural Products	\$616,076
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$437,500
2020	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI129191	Memory T cell development and survival in T cell responses of older individuals	\$351,676
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128214	Protein secretion in bacterial pathogens	\$396,250
2020	STANFORD UNIVERSITY	CA	R01AI125567	FUNCTIONAL ANALYSIS OF PATHOGENIC AND PROTECTIVE PEANUT ALLERGEN-SPECIFIC HUMAN ANTIBODIES	\$429,452
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI129698	Rational design and B cell responses of HIV epitope vaccines	\$638,644

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2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135631	Optimization and Advanced Proof-of-Concept Studies of a Listeria-vectored Multi-Antigenic Vaccine against Tuberculosis	\$1,158,564
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI143253	Role of NRAMP1/SLC11A1 in Salmonella pathogenesis	\$196,250
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI137209	Maternal T cell recognition of placental antigen	\$200,880
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI137681	Identifying individuals at risk of progression to active tuberculosis	\$711,592
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI122282	Understanding the influence of SREBP signaling on CD4 T helper cell biology	\$385,000
2020	La Jolla Institute For Immunology	CA	U01AI141995	Identifying mechanisms and correlates of long-lasting vaccine-induced immunity to whooping cough	\$823,202
2020	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI141202	Cross-Kingdom Vaccine Targeting Healthcare-Associated Priority Pathogens	\$1,171,930
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI144901	How group A Streptococcus M1 protein resists cathelicidins	\$196,875
2020	IMMUNOGENICS, LLC	CA	U44AI134590	A Clinical Study of Latiglutenase as a Treatment for Symptom Reduction for Celiac Disease	\$1,081,201
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI142985	Roles of the Nucleoprotein 3'-5' Exonuclease Domain in Arenavirus Biology	\$434,375
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI143529	Novel Regulators of B Cell Tolerance	\$241,875
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI137663	Orally active metabolite therapy against C. difficile infection	\$234,000
2020	UNIVERSITY OF CALIFORNIA	CA	F30AI136309	EptB pseudogene formation as a novel mechanism of typhoidal Salmonella virulence	\$50,520
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI141630	Modulation of Macrophage Polarization by Heterotrimeric G proteins: Implications of Gastrointestinal Inflammation	\$485,810
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$471,000
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143563	HIV-1 vaccine design emphasizing bnAb targets on membrane Env liposomes	\$866,147
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$542,613
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI150191	The IL-33/ILC2 axis in parturition	\$638,635
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI145003	Synthesis of enterovirus positive-strand RNAs: discovery of viral and host determinants of RNP complex formation	\$243,167
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI143929	Salmonella pathogenicity island 2 triggers pore-induced intracellular trap formation to evade killing by neutrophils	\$235,500
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI149090	Biomimetic Virulomics for Capture and Identification of Cell-Type Specific Effector Proteins	\$236,250

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2020	UNIVERSITY OF CALIFORNIA	CA	R21AI151610	Heterogeneity of plasma cell states is regulated by the dynamics of IRF4 expression	\$235,500
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI149636	Immunoprofiling for identifying biomarkers in celiac disease	\$236,250
2020	KAISER FOUNDATION RESEARCH INSTITUTE	CA	UM1AI148373	Kaiser Washington Vaccine and Treatment Evaluation Unit	\$2,597,951
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI149161	Transcriptome engineering technologies for the development of antiviral effectors in mosquitoes	\$196,875
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI147969	A randomized crossover study to evaluate the efficacy of antibacterial mouthwash in preventing pharyngeal gonorrhea among a high risk population	\$173,462
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI153025	"Corral and Kill" strategy for HIV eradication using MSC in an SIV model	\$762,975
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI141308	Optimal chemopreventive regimens to prevent malaria and improve birth outcomes in Uganda	\$1,194,675
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	U19AI149646	An AAV-mediated functional cure and its impact on the reservoir	\$2,938,902
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI152258	Mechanisms of increased susceptibility to pulmonary Nontuberculous Mycobacterial disease in the elderly	\$588,003
2020	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$654,028
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,999,999
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	\$17,000
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$396,250
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$4,015,250
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$387,500
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$2,031,173
2020	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$676,607
2020	ARISAN THERAPEUTICS INC	CA	R44AI112097	Pre-IND Development of an Arenavirus Antiviral	\$1,000,000
2020	STANFORD UNIVERSITY	CA	U19AI123862	Profiling the protective B cell response to HCV	\$668,744
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125104	TAT Transactivation	\$396,250
2020	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI125249	Regulation of Rotavirus Replication, Virulence, and Host Range Restriction by the Innate Immune System	\$471,572
2020	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI129706	Enhancement of Infectivity by HIV-1 Nef via Antagonism of SERINC Proteins	\$555,497
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI128803	Sexual trauma and HIV susceptibility among women: the role of stress and genital immunity	\$494,694
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI129868	Optimizing eCD4-Ig for eradication and a functional cure	\$331,181

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2020	STANFORD UNIVERSITY	CA	R01AI136992	Evolution of drug resistance in <i>Candida glabrata</i>	\$568,821
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137580	Enhancement of VIPERdb, a virus structure knowledgebase	\$241,875
2020	GENTEGRA LLC	CA	R44AI132032	Stabilization of the RNA Complement of Enveloped Viruses: Beta Testing and Manufacturing Scale-up of a Novel Filter Paper Product for the Field Collection of Dried Blood Spots	\$1,000,000
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI135034	Mentoring Patient Oriented Research in Allergic Eosinophilic Gastrointestinal Disorders	\$179,548
2020	STANFORD UNIVERSITY	CA	U01AI135947	The Impact of Epstein Barr Virus Infection on the Immune Response in Pediatric Transplant Recipients	\$605,532
2020	SCRIPPS RESEARCH INSTITUTE	CA	U19AI135995	Consortium for Viral Systems Biology (CViSB)	\$3,000,000
2020	STANFORD UNIVERSITY	CA	R24AI136618	HIV Drug Resistance Database	\$883,842
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI135198	Regulation of Ubiquitination and Arthritis	\$403,334
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI134982	Digital High Resolution Melt and Machine Learning for Rapid and Specific Diagnosis in Neonatal Sepsis	\$486,161
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI141003	Targeting Non Viral Markers of HIV Persistence	\$703,510
2020	MAPP BIOPHARMACEUTICAL INC	CA	R44AI141282	Post-exposure immunotherapy for ricin exposure	\$924,471
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI135124	Identifying Optimal Treatment Strategies for Tuberculosis Treatment	\$776,254
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI131496	Dissecting the role of HVEM and BTLA in constraining the germinal center B cell response	\$50,016
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI139552	Innate Immune Regulation by HSF1 in Liver Inflammatory Injury	\$390,000
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI143821	Bile acid-dependent T cell regulation in the intestine	\$461,311
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI139386	Metabolic compensation in <i>Mycobacterium tuberculosis</i> for the formation of persisters	\$206,250
2020	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$437,500
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145997	Transcriptional mechanisms of natural killer cell responses during mouse cytomegalovirus infection	\$453,462
2020	RAFT PHARMACEUTICALS LLC	CA	R41AI147879	Targeting lipid rafts for treatment of asthma	\$299,989
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI144232	Rheumatoid factor and cryoglobulinemia in chronic viral infection	\$290,250
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI152971	Structural basis for HIV-1 Nef downregulation of MHC-I: defining the role of membrane interactions in Nef-driven (re)organization of clathrin adaptor AP-1 assemblies	\$64,554
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI150346	Directed Evolution of HIV Broadly Neutralizing Antibodies Using a Novel CRISPR-Engineered B cell in Vitro Affinity Maturation Platform	\$266,250

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2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI150029	Mapping malaria incidence using health facility surveillance data in Uganda	\$37,672
2020	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R21AI151562	Metabolic heterogeneity of tissue resident memory T cells in the liver	\$240,500
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI149023	Elucidating the regulation and function of IL-17D using reporter mice	\$236,250
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI136336	Determining the impact of in utero microbial colonization on immune tolerance development	\$41,004
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI145575	How HIV-1 might escape eCD4-Ig	\$285,000
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI152533	Discovery of long-acting, chemoprotective antimalarial compounds	\$741,668
2020	La Jolla Institute For Immunology	CA	R01AI125068	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	\$841,574
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI151212	Mechanism of RB-to-EB Conversion in Chlamydia	\$615,794
2020	STANFORD UNIVERSITY	CA	R01AI143757	Culture-free pathogen tracking in hospitalized patients	\$756,380
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI152161	Childhood ?Omics? and Mycobacterium tuberculosis-derived BiOsignatures (COMBO) for TB diagnosis in high HIV prevalence settings	\$1,503,586
2020	AURITEC PHARMACEUTICALS INC	CA	R33AI136008	IND-enabling preclinical development of a multipurpose intravaginal ring for the prevention of Herpes, HIV and unintended pregnancy	\$461,550
2020	Grow Biomedicine LLC	CA	R41AI152919	Q-GRFT Enema Development Supporting a Multi-Administration Clinical Study	\$299,874
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$482,847
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$448,026
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$765,121
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$23,016,987
2020	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI142121	Genetic determinants of parasitic nematode tissue tropism and immune sensing	\$194,375
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$605,804
2020	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$648,013
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$2,680,529
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121393	Multidimensional Single Cell Analysis of the Germinal Center Reaction	\$602,275
2020	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI124493	Dissecting novel mechanisms of dengue virus NS1-induced vascular leak	\$382,705

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2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125000	Simplified Isoniazid Preventive Therapy (SPIRIT) Strategy to Reduce TB Burden	\$684,762
2020	La Jolla Institute For Immunology	CA	R01AI071922	Differentiation of subsets of NKT cells	\$539,188
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$498,868
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127864	NFkB Signaling in Macrophages	\$385,000
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$412,500
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137868	Chemically-guided Elucidation of Liposomal Tucaresol Immunopotential in a Hepatitis C Vaccine	\$290,250
2020	STANFORD UNIVERSITY	CA	R37AI020459	Varicella-Zoster Virus: T Cell/Skin Tropisms & Immunity	\$395,540
2020	SCRIPPS RESEARCH INSTITUTE	CA	R21AI141842	Pathogenesis and Novel Therapeutics to Reverse T Cell Exhaustion in Persistent Viral Infections	\$241,875
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI121144	Improving the molecular diagnosis of drug resistant tuberculosis	\$696,601
2020	STANFORD UNIVERSITY	CA	U01AI131302	Impact of HIV exposure, feeding status, and microbiome on immune ontogeny and vaccine responses in infants	\$423,352
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123130	Biology of ?-linked glycosylceramides in the immune system	\$723,259
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U19AI129326	Environmental Modifications in sub-Saharan Africa: Changing Epidemiology, Transmission and Pathogenesis of Plasmodium falciparum and P. vivax Malaria	\$2,090,612
2020	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$164,436
2020	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	T32AI125209	Frontiers in Fundamental and Translational Immunology	\$220,814
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$482,750
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137249	Defining the Role of Thymic Tolerance in the Pathogenesis of the COPA syndrome	\$471,675
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI129973	Role of proteasome activity in adaptive immunity	\$497,781
2020	STANFORD UNIVERSITY	CA	U01AI135950	Exosomes and the Immune Response in Allograft Outcomes in Pediatric Transplant Recipients	\$601,709
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI138331	Dkk1-Endothelial Progenitor Cell Treatment for the Mitigation of Hematopoietic Radiation Injury	\$546,000
2020	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI142506	Evolution of the 3D chromatin structure in apicomplexan parasites	\$248,117
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R33AI121571	Nanoparticle decoys for treating infections with enterotoxin-producing pathogens	\$450,673
2020	UNIVERSITY OF CALIFORNIA	CA	R21AI138150	The impact of Giardia metabolism in causing gastrointestinal dybiosis	\$196,250

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2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI135122	Small Molecule Inhibitors Targeting Adenovirus	\$601,915
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI140844	Uncleaved prefusion-optimized trimers on nanoparticles as HIV vaccines	\$969,072
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI124316	Systems Biology Approach to Redefine Susceptibility Testing and Treatment of MDR Pathogens in the Context of Host Immunity	\$1,806,219
2020	STANFORD UNIVERSITY	CA	K08AI143796	Dissecting Mechanisms of Granuloma Macrophage Polarization and Granuloma Formation in Chronic Salmonella Infection	\$194,292
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI131624	Repertoire selection of AQP4-specific T cells that cause CNS autoimmunedisease	\$447,478
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI143586	How immunodominant Fc peptide epitopes expand natural regulatory T cells and downregulate inflammation	\$436,272
2020	La Jolla Institute For Immunology	CA	U19AI142742	Functional and dysfunctional human CD4 T cell and B cell responses to bacteria and viruses	\$2,661,553
2020	UNIVERSITY OF CALIFORNIA	CA	F30AI143146	The role of SLC11A1 in neutrophil antimicrobial response	\$37,678
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI144855	Using Genetics and Genomics to Dissect Coccidioides Spherulation	\$208,667
2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI119082	Host iron and Yersinia pathogenesis	\$491,921
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$495,539
2020	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI146267	Deciphering the role of autophagy receptor phosphorylation and host kinases in the targeting of M. tuberculosis to autophagy	\$199,098
2020	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI052453	Cathelicidin in Skin Immunity	\$569,384
2020	SCRIPPS RESEARCH INSTITUTE	CA	R01AI144070	Endosomal TLR transport in B cell signaling and autoimmunity	\$193,500
2020	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI149365	Suppression of KIF3A function by herpes simplex virus-1 US3 kinase for immune evasion	\$247,500
2020	TOURO UNIVERSITY	CA	R21AI140904	Covalent capture of small molecule - gp41 complexes	\$178,750
2020	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI140775	Therapeutic Anti-HIV Chimeric Antigen Receptors Via Stem Cell Delivery	\$768,331
2020	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI147336	Improved understanding of TB transmission by accounting for within-host heterogeneity of M. tuberculosis: A population-based molecular epidemiology study in a high HIV prevalent setting	\$680,027
2020	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R21AI151986	Metabolic regulation of epigenetic states in CD8 T cell exhaustion	\$240,500
2020	IMMPOR T THERAPEUTICS INC	CA	R43AI149804	Discovery of Treponema pallidum antigens for development of a sensitive and specific diagnostic test for syphilis	\$300,000
2020	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI152836	Eliciting tyrosine-sulfated neutralizing antibodies recognizing the Env apex	\$231,250

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2020	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI149141	C-di-GMP mediated regulation of LonA	\$235,144
2020	UNIVERSITY OF CALIFORNIA	CA	R01AI150647	Coordination of mucosal immune response to enteric bacterial pathogens by nociceptive innervation	\$462,927
2020	STANFORD UNIVERSITY	CA	R01AI127447	Defining the role of Host Hsp70 Subnetworks in Dengue Virus Replication	\$496,530
2020	STANFORD UNIVERSITY	CA	R01AI048638	Metabolic imprinting of dendritic cell fate and function in tissues	\$485,665
2020	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI149627	San Francisco-Rio de Janeiro collaborative research on HIV prevalence, risk, and biomedical prevention interventions among young men who have sex with men	\$113,000
2020	Lucira Health, Inc.	CA	R44AI152737	Low-Cost Instrument-free Point-of-Care Test for Chlamydia and Gonorrhea	\$999,228
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI062520	Structure and function of HIV-1 integrase	\$401,319
2020	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$377,640
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI128069	Implementation and Effectiveness of a Rapid Cerebrospinal Fluid Diagnostics Program for Children with Suspected Central Nervous System Infection	\$173,360
2020	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$375,139
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	\$128,250
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134220	Role of Type I IFNs in Mucosal HIV-1 Immunity and Pathogenesis	\$549,857
2020	COLORADO STATE UNIVERSITY	CO	R01AI132668	Mechanism of Flavivirus RNA Capping	\$374,993
2020	COLORADO STATE UNIVERSITY	CO	R21AI144344	Mycobacterium tuberculosis methylglucose lipopolysaccharides	\$228,000
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI149655	T Cell Recognition of Disulfide Modified Antigens	\$233,250
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135397	Designing peptides to block Ara h 2 and Ara h 6 from binding to IgE	\$194,098
2020	COLORADO STATE UNIVERSITY	CO	R21AI148896	Transstadial inhibition of Rift Valley Fever virus infection in Ae. aegypti mosquitoes	\$182,447
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI149882	Stromal Cells in Immunity and Disease	\$8,000
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI131662	NK cell IL-10 production during bacterial infections	\$778,797
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI149881	The Global Virome in Health and Disease	\$7,500
2020	UNIVERSITY OF DENVER	CO	R01AI138625	Identifying determinants of HIV-1 responsible for the nanoscale distribution and dynamics of virus assembly	\$354,154
2020	NATIONAL JEWISH HEALTH	CO	R01AI135194	Regulation of Gene Expression in the anaphylactic Pathway	\$604,952

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2020	NATIONAL JEWISH HEALTH	CO	R01AI137970	Steroid resistance of airway ILC2s	\$453,987
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI139103	The Role of Type VI Secretion in Cholera Pathogenesis	\$587,127
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI142483	Islet Autoimmunity Reversion as a Model of T1D Resiliency	\$155,500
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI145428	Gut Cytotoxic CD4 T cells in HIV-1 Pathogenesis	\$445,694
2020	COLORADO STATE UNIVERSITY	CO	R01AI150223	HTS Targeting HIV-1 Protease Autoprocessing for First in Class Drug Discovery	\$803,950
2020	NATIONAL JEWISH HEALTH	CO	UM1AI151958	Experimental and Computational Analysis of the Human Epidemiology and Response to SARS-CoV-2 (HEROS) Cohort	\$5,233,254
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124487	Autoimmunity risk alleles compromising B cell anergy	\$457,386
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$462,000
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI146295	Determining how the giant Streptococcus Pneumoniae IgA1 protease cleaves its host IgA1 substrate and how this interaction can be blocked	\$194,375
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141531	The synergistic contributions of EBV and malaria to the etiology of Burkitt lymphoma	\$673,734
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI149210	Mechanisms of protein production in the parasite Giardia lamblia	\$231,238
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI151636	Mechanisms in Polyomavirus Assembly	\$378,602
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI150086	Transforming Vaccinology	\$15,000
2020	COLORADO STATE UNIVERSITY	CO	F32AI150123	Flavivirus cellular tropisms driving dissemination and transmission in mosquito vectors	\$64,926
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI140567	Viral and Host Determinants of Chikungunya Virus Dissemination	\$65,310
2020	CRESTONE INC	CO	R43AI149820	Preclinical Evaluation of CRS3123 for the Treatment of Helicobacter pylori Infections	\$143,960
2020	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$358,131
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI133348	Mechanisms of viral RNA maturation by co-opting cellular exonucleases	\$381,235
2020	NATIONAL JEWISH HEALTH	CO	UM1AI130780	National Jewish Health CoFAR Clinical Research Unit	\$234,998
2020	NATIONAL JEWISH HEALTH	CO	U01AI122269	Treatment of CGD with the PPAR-gamma agonist, pioglitazone, enhances phagocyte anti-inflammatory and antimicrobial responses	\$168,825
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121209	Cooperation between lymphatic stroma and hematopoietic cells shapes protective immunity	\$385,420
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI152535	Role and mechanisms of the PI3K pathway in B cell tolerance	\$420,383

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2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI143203	The Role of Cas9 in Group B Streptococcal Colonization and Disease	\$65,310
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI146543	How Staphylococcus aureus resists killing by human neutrophils	\$246,375
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI143261	Lysophosphatidic Acid Regulation of CD8 T cell activation and function	\$510,922
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI150327	HIV Vaccines	\$18,600
2020	NATIONAL JEWISH HEALTH	CO	U01AI152037	ATOPIC DERMATITIS RESEARCH NETWORK (ADRN) CLINICAL RESEARCH CENTER	\$329,638
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	\$388,750
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI122298	Novel approaches for quantitative assessment of adherence	\$710,897
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F30AI136403	The pathogenesis of enterovirus D68 CNS infection	\$44,077
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI125553	Regulation of T Cell Extravasation and Activation by Ena/Vasp Proteins	\$388,750
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$462,000
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F32AI145112	Determining the specificity and biological functions of widespread host mRNA degradation by RNase L	\$67,446
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI141919	PERSISTENCE OF PROTECTION CONFERRED BY SHINGRIX AGAINST HERPES ZOSTER IN OLDER ADULTS	\$715,495
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI147619	Tuberculosis: Immunity and Immune Evasion	\$9,000
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI147688	Tissue Immunity	\$8,000
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI150426	HIV Pathogenesis and Cure	\$17,400
2020	COLORADO STATE UNIVERSITY	CO	R21AI146442	Cytomegalovirus as a risk factor for exacerbation of Mycobacterium tuberculosis infection	\$235,000
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI131360	Tregs, Gut Microbiome and Immune Responses in HIV-Exposed and Unexposed Infants	\$456,248
2020	COLORADO STATE UNIVERSITY	CO	R01AI130085	Engineering resistance to Zika virus in Aedes aegypti for Cas9 driven population modification	\$583,647
2020	COLORADO STATE UNIVERSITY	CO	R21AI137954	Reptiles and Amphibians as Reservoir and Overwintering Hosts for Arboviruses	\$190,000
2020	OP-T-MUNE INC	CO	R42AI131784	Developing a Small Peptide to Control Autoimmune Inflammation In Type 1 Diabetes	\$764,501
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141436	Impairment of B cell Responses by Pathogenic Chikungunya Viruses	\$634,975

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2020	NATIONAL JEWISH HEALTH	CO	R21AI132827	Regulation of innate immunity by a novel protein interaction network	\$205,000
2020	COLORADO STATE UNIVERSITY	CO	R21AI146740	Surveillance of mosquito and arbovirus dispersal using smart microcrystals	\$184,228
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI147679	Helminths: New Insights from Immunity to Global Health	\$13,200
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI015614	Pathogenesis of Fever in Man	\$388,750
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI148144	Clearance of Blood-Borne Arboviruses	\$465,481
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K08AI152942	Biomarkers of Hepatotoxicity in Women Living with HIV and Latent TB	\$147,165
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI152254	Immunity in Early Life: From the Maternal to the Microbial Environment	\$10,000
2020	NATIONAL JEWISH HEALTH	CO	R01AI107022	Innate Effectors and Type-2 Inflammation	\$396,250
2020	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$669,615
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI137881	Designing a mimotope-based vaccine for peanut allergy	\$233,250
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI132419	Dissecting the pathways controlling tunable responses to TCR signaling	\$406,354
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI137011	Host genetic barriers to virus spillover	\$406,549
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI132476	Multi-omic studies of asthma severity in an African ancestry population	\$687,623
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI140044	Stress induced changes to the human beta cell proteome	\$194,375
2020	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI141452	The influence of evolutionary landscapes on protective antibody development	\$632,397
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI143649	Multimeric HIV-1 Integrase Inhibitors	\$502,002
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F30AI140615	Endogenous RNA cleavage products that activate the RIG-I dependent interferon response	\$33,761
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$388,750
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI149884	B Cell Renaissance: Epigenetics, Regulation and Immunotherapy	\$8,000
2020	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI149883	T Cell Memory	\$8,000
2020	COLORADO STATE UNIVERSITY	CO	R01AI151166	Metabolic basis of mosquito-endosymbiont-virus interactions	\$527,418
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI116603	APOBEC3/Rfv3 and Immunoglobulin Somatic Hypermutation	\$493,499

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2020	COLORADO STATE UNIVERSITY	CO	R01AI141603	Novel recombinant Rotavirus vaccine utilizing the probiotic microorganism Lactobacillus acidophilus	\$691,456
2020	NATIONAL JEWISH HEALTH	CO	R03AI139822	Chd3 Conditional Knockout Mice: A New Tool for Studies of Lymphocyte Epigenetics	\$82,000
2020	PEAK DIAGNOSTIC PARTNERS LLC	CO	R41AI154380	Enabling comprehensive diagnosis of sub-acute infection in chronic respiratory disease via high sensitivity next generation sequencing	\$299,999
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124474	Studies of human B cell tolerance, from a humanized mouse model to human beings	\$413,675
2020	COLORADO SCHOOL OF MINES	CO	R21AI138214	Airborne delivery of microbots for chemical and mechanical attack of pulmonary biofilms	\$190,589
2020	COLORADO STATE UNIVERSITY	CO	R21AI144662	Modulation of immunity to tuberculosis through vitamin A-dependent nuclear receptors	\$228,000
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134673	Schistosomiasis at the edge of elimination: characterizing sources of new infections in residual transmission hotspots	\$712,522
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI145453	New Pharmacologic Measures of ART Adherence and Exposure: Pathway to Clinical Implementation	\$716,207
2020	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI149187	Fine-tuning of mitochondrial Complex I activity in CD8 cells	\$247,260
2020	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$418,750
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI119015	Cytosolic Immune Surveillance During Bacterial Infections	\$394,571
2020	YALE UNIVERSITY	CT	R21AI142198	Novel Approaches for Investigating the Pathology of Myasthenia Gravis Autoantibodies	\$171,386
2020	YALE UNIVERSITY	CT	R01AI137060	Thrombocyte Regulation of Anti-Parasite Immunity	\$418,750
2020	UNIVERSITY OF CONNECTICUT	CT	R21AI142363	Ring Expanded Glycomimetic FimH Antagonists as Lead Compounds for anti-UTI Therapies	\$171,345
2020	YALE UNIVERSITY	CT	R21AI149731	Identification of complex cellular phenotypes and their interactions in MS lesions	\$251,250
2020	YALE UNIVERSITY	CT	R01AI151176	Accelerating viral outbreak detection in US cities using mechanistic models, machine learning and diverse geospatial data	\$611,043
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI142149	The basic functions of Trypanosoma brucei's two introns	\$246,000
2020	YALE UNIVERSITY	CT	R21AI142145	Pathogenic Lymphocytes in Lupus Nephritis	\$208,565
2020	YALE UNIVERSITY	CT	R21AI142316	Generation of Macrophage Activation State-Specific Genetic Tools by A Synthetic Biology Approach	\$209,375
2020	YALE UNIVERSITY	CT	K08AI128043	Role of virus-receptor interactions in determining norovirus tropism and pathogenesis in vivo	\$186,734
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI132850	Bacterial modulation of noncanonical inflammasome	\$398,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI132526	The role of UBXNs in antiviral immunity	\$410,875
2020	YALE UNIVERSITY	CT	R21AI149628	Identification of Ameobicidal Products Against Pathogenic Free-Living Amoebae Produced by Pseudomonas aeruginosa	\$208,464
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI148491	Host-derived extracellular vesicles in inflammatory caspase activation	\$410,000
2020	YALE UNIVERSITY	CT	R01AI150334	Mechanisms of transcriptional regulation of ccr5 and host genetic control of HIV	\$761,312
2020	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$418,750
2020	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$491,877
2020	YALE UNIVERSITY	CT	R01AI123321	Development of endochin-like quinolones for babesiosis therapy	\$654,825
2020	YALE UNIVERSITY	CT	R01AI121207	Naturally-Acquired and Vaccine-Mediated Immunity to Leptospirosis	\$644,163
2020	UNIVERSITY OF CONNECTICUT	CT	R01AI123131	Transplantation of ESC-derived thymic epithelial progenitors expressing autoantigen(s) ameliorating experimental autoimmune encephalomyelitis	\$395,000
2020	UNIVERSITY OF CONNECTICUT	CT	R01AI125291	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$238,837
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI123864	Cellular Mechanisms of Viral Control	\$401,242
2020	YALE UNIVERSITY	CT	F31AI150168	Optimizing spatial sampling strategies for the molecular surveillance of drug resistant malaria	\$45,520
2020	YALE UNIVERSITY	CT	R21AI144315	Mechanisms of immune dysregulation in human PI3Kgamma deficiency	\$209,375
2020	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$458,986
2020	YALE UNIVERSITY	CT	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,366,776
2020	YALE UNIVERSITY	CT	R21AI142463	RNA Pseudouridylation During Flavivirus Infection	\$209,375
2020	YALE UNIVERSITY	CT	R01AI136794	Exploiting Riboswitch Sensors to Reveal Antibiotics Uptake and Retention in Gram Negative Bacteria	\$1,114,844
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI136955	IRAK4 and Systemic Lupus Erythematosus	\$398,750
2020	CENTRAL CONNECTICUT STATE UNIVERSITY	CT	R03AI144350	Gene assignment for and initial immunogenetic characterization of the curly whiskers (cw) mutation in mice.	\$68,023
2020	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$260,931
2020	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$418,750
2020	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$415,624

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2020	YALE UNIVERSITY	CT	R01AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$418,750
2020	YALE UNIVERSITY	CT	R01AI130068	Pathogenesis of Borrelia miyamotoi infection and Lyme coinfection in mice	\$418,750
2020	YALE UNIVERSITY	CT	F31AI145454	Tenofovir inhibition of human mitochondrial polymerase PrimPol and mechanisms of antiviral therapy-driven nephrotoxicity	\$30,820
2020	YALE UNIVERSITY	CT	R21AI144345	Understanding the genetic, evolutionary, and ecological interactions between drug resistance and phage resistance	\$199,301
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U19AI144177	A Global Syphilis Vaccine Targeting Outer Membrane Proteins of Treponema pallidum.	\$2,219,208
2020	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$535,012
2020	YALE UNIVERSITY	CT	R21AI142243	Exploring the role of staphylococcal superantigens in immune evasion and persistence of Staphylococcus aureus biofilms using humanized mouse models	\$209,375
2020	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$629,647
2020	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$298,822
2020	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$2,370,688
2020	YALE UNIVERSITY	CT	R01AI127865	The role of NLRP6 and DHX15 in control of infection by RNA viruses	\$418,750
2020	YALE UNIVERSITY	CT	R01AI139525	Molecular Aspects of Tsetse and Trypanosome Transmission	\$815,221
2020	L2DIAGNOSTICS, LLC	CT	R41AI142846	A novel vaccine against mosquito-borne Zika virus based on mosquito salivary gland protein AgBR1	\$294,338
2020	YALE UNIVERSITY	CT	R01AI145164	T cell-targeted lentiviral vectors with Cas9/RNP for the in vivo gene therapy of HIV-AIDS	\$725,111
2020	L2DIAGNOSTICS, LLC	CT	R41AI145779	Immunization with mosquito AgTRIO protein to prevent malaria	\$293,394
2020	YALE UNIVERSITY	CT	R21AI142708	AgTRIO, a protein in mosquito saliva, influences Plasmodium sporozoite infection	\$251,250
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$824,140
2020	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammasome regulators during mammalian host defense	\$418,750
2020	YALE UNIVERSITY	CT	K08AI128745	Regulation of Metabolic Programs for Host Tolerance to Inflammation	\$161,203
2020	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$206,547
2020	YALE UNIVERSITY	CT	R01AI144152	Role of GDF15 in the Regulation of Host Tolerance to Inflammation	\$418,750
2020	YALE UNIVERSITY	CT	R21AI137935	IgA-Glycosylation: Mediator of Microbial Homeostasis and Intestinal Health?	\$209,375

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2020	YALE UNIVERSITY	CT	R01AI142624	Circadian Rhythms and Innate Immune Response in Aging	\$493,559
2020	YALE UNIVERSITY	CT	R01AI146584	Evolutionary multispecies transcriptomics to reveal genes that govern fungal spore germination and pathogenesis	\$790,215
2020	L2DIAGNOSTICS, LLC	CT	R41AI149951	Multiplexed Bioassay for Checkpoint Inhibitor Autoimmunity	\$298,911
2020	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$751,764
2020	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$501,819
2020	YALE UNIVERSITY	CT	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$735,214
2020	YALE UNIVERSITY	CT	R33AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	\$498,157
2020	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$167,954
2020	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI151840	Using Modified Synthetic MicroRNAs to Control Foreign Body Reactions In Vivo	\$247,261
2020	GEORGETOWN UNIVERSITY	DC	R01AI132389	UPIT: Unleash the Potential of Intestinal Transplantation	\$479,946
2020	GEORGETOWN UNIVERSITY	DC	R21AI144266	Evolution of non-biting in mosquito disease vectors	\$226,421
2020	GEORGETOWN UNIVERSITY	DC	R01AI145549	The impact of HIV driven T cell immune activation in angiogenic CD8 T cell function: the role of PAR1 signaling	\$385,698
2020	GEORGETOWN UNIVERSITY	DC	R21AI142649	New mechanism of cellular protein oxidation	\$194,375
2020	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$413,757
2020	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	-\$744,027
2020	GEORGETOWN UNIVERSITY	DC	R21AI149049	Initiation and elongation of HDV RNAs	\$189,796
2020	GEORGETOWN UNIVERSITY	DC	R21AI146506	Artemisinin activation in artemisinin resistant malarial parasites	\$228,376
2020	INTERNATIONAL AIDS SOCIETY	DC	R13AI150341	HIV Research for Prevention Conference, HIVR4P 2020	\$1,400,000
2020	UNIVERSITY OF DELAWARE	DE	R21AI142317	Characterization of Legionella effectors targeting host membrane compartments	\$187,713
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI123245	Community-directed vector control to enhance mass drug administration for onchocerciasis elimination in Africa	\$519,585
2020	UNIVERSITY OF MIAMI	FL	F31AI124629	IL-2 Dependent Processes in Regulatory T cells	\$50,520
2020	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI142140	Identifying mosquito olfactory receptors for human odor by measuring mRNA expression levels	\$178,450
2020	UNIVERSITY OF MIAMI	FL	R01AI142669	Immune correlates of LTBI in HIV-exposed infants	\$615,772
2020	UNIVERSITY OF MIAMI	FL	R01AI052056	The functional significance of CTL escape	\$923,636

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2020	UNIVERSITY OF FLORIDA	FL	R21AI147384	Adherence and Intracellular Pharmacology of Tenofovir and HBV Suppression in People with HBV/HIV Coinfection	\$246,792
2020	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$493,810
2020	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$731,021
2020	UNIVERSITY OF FLORIDA	FL	R01AI128901	Targeting follicular helper CD4 T cells in SLE	\$381,250
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI143052	Discovery of Novel Antimalarial Compounds from Fungi	\$224,611
2020	UNIVERSITY OF MIAMI	FL	R01AI131648	Low dose IL-2 and human regulatory T cells	\$603,337
2020	UNIVERSITY OF SOUTH FLORIDA	FL	U19AI089672	Southeast Asia Malaria Research Center	\$2,000,317
2020	UNIVERSITY OF MIAMI	FL	R01AI148675	IL-2R-dependent mechanisms in regulation of Treg homeostasis and autoimmunity	\$619,414
2020	UNIVERSITY OF FLORIDA	FL	R21AI150250	Cultivable commensal spores in C. difficile infection	\$222,530
2020	UNIVERSITY OF FLORIDA	FL	R01AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	\$477,833
2020	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$583,538
2020	UNIVERSITY OF FLORIDA	FL	R01AI118999	Regulation of Staphylococcus aureus physiology by bacterial nitric oxide	\$327,683
2020	UNIVERSITY OF MIAMI	FL	R01AI134903	Mucosal surface and skin protection by MHC class I-based immune regulation	\$383,750
2020	THE ROSKAMP INSTITUTE INC	FL	R21AI142717	Application of lipidomics to identify biomarkers of immune and mitochondrial disturbances in Chronic Fatigue Syndrome.	\$197,454
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI139827	Molecular mechanisms regulating leukocyte trafficking	\$186,875
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI149468	Point-of-care detection of TB and NTM pathogens with Fluorescent Deoxyribozyme Sensors and 3D-printed, battery powered device.	\$145,321
2020	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$461,012
2020	UNIVERSITY OF FLORIDA	FL	R01AI123244	Mucosal Vaccines for Brucellosis	\$388,659
2020	UNIVERSITY OF FLORIDA	FL	K08AI116980	Heterologous immunity and host susceptibility to emerging alphaviral infections	\$180,900
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI148999	Drosophila melanogaster as a model organism to study Chlamydia trachomatis early effectors	\$212,021
2020	MAYO CLINIC JACKSONVILLE	FL	R21AI152318	Adipose-derived biogenic nanoparticles for treatment of myocarditis/DCM(MPDPI)	\$234,750
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI147686	Bacterial vaginosis induces matrix metalloproteinases that enhance HIV infection in women	\$185,614
2020	UNIVERSITY OF FLORIDA	FL	R01AI121430	Rapid Identification of Optimal Combination Regimens for Pseudomonas aeruginosa	\$687,939
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI149450	Development of antagonists targeting STING in systemic lupus erythematosus	\$186,754

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2020	UNIVERSITY OF FLORIDA	FL	R21AI149304	Correlative structure and function studies of adeno-associated virus particles during viral genome release	\$228,750
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI1131398	Discovery of Antimalarials with Novel Mechanism of Action	\$370,564
2020	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI125785	Enterolactone and asthma	\$192,839
2020	UNIVERSITY OF FLORIDA	FL	R01AI141810	Developing Computational Methods for Surveillance of Antimicrobial Resistant Agents	\$422,334
2020	UNIVERSITY OF FLORIDA	FL	R01AI138554	Cholera in Goma, DRC	\$750,103
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI149202	Development of CRISPR/dCas-based epigenetic gene regulation tools in malaria parasite	\$224,250
2020	UNIVERSITY OF FLORIDA	FL	R01AI141478	Suppression of Enteric Norovirus Infection by Microbiota-Regulated Bile Acids	\$537,187
2020	UNIVERSITY OF FLORIDA	FL	R01AI128074	Restoring Immune Tolerance in a Model of Multiple Sclerosis	\$381,250
2020	UNIVERSITY OF MIAMI	FL	R01AI130009	Role of Yersinia pestis Ail-host ligand interactions in plague	\$450,096
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$451,499
2020	UNIVERSITY OF FLORIDA	FL	R01AI143313	Gut dysbiosis and tryptophan metabolism in lupus	\$448,998
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI144481	Novel membrane remodeling systems in Actinobacteria and their role in antibiotic resistance	\$186,250
2020	MAYO CLINIC JACKSONVILLE	FL	R21AI145356	Role of viral mitophagosomes in driving sex differences in myocarditis	\$122,438
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI152416	Antimicrobial agents derived from AApeptide biomaterials	\$373,750
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$641,106
2020	UNIVERSITY OF FLORIDA	FL	R01AI130185	Next-generation combination dosing strategies to combat resistant Acinetobacter baumannii	\$649,808
2020	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI128940	Molecular Mechanisms of Artemisinin Resistance	\$190,204
2020	UNIVERSITY OF FLORIDA	FL	R01AI128750	Cholera persistence, transmission, and clinical illness in Haiti	\$712,682
2020	UNIVERSITY OF MIAMI	FL	R01AI128782	Mucosal mechanisms of altered HIV susceptibility in adolescents	\$516,437
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI137056	The "Disaggregase" Mechanism of Holotoxin Disassembly by Protein Disulfide Isomerase	\$365,871
2020	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI146647	Control of CD4 T cell effector function and tissue-resident memory fate by the transcription factor Eomes	\$186,250
2020	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$404,875
2020	UNIVERSITY OF FLORIDA	FL	R01AI133623	Tolerogenic dual microparticle system for treatment of multiple sclerosis	\$520,957
2020	UNIVERSITY OF FLORIDA	FL	R01AI123300	Peptidoglycan Assembly, Degradation, and Function in Pathogenic Chlamydia	\$381,250

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2020	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI144374	Novel long noncoding RNAs in the airway mucous response	\$195,353
2020	UNIVERSITY OF MIAMI	FL	R21AI152838	A tolerogenic approach for the long-term delivery of antibodies with AAV	\$205,827
2020	GEORGIA TECH RESEARCH CORPORATION	GA	U01AI124270	Effect of presentation methods on the molecular mechanism of combinatorial adjuvants	\$519,312
2020	EMORY UNIVERSITY	GA	R01AI136533	Dynamics of antigen specific B and Tfh responses during acute and chronic HCV	\$747,129
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	\$377,500
2020	EMORY UNIVERSITY	GA	R01AI143875	Integrating a combination HIV prevention intervention into a widely-used geosocial app for Chinese MSM	\$652,516
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142469	A more effective drug treatment regimen for Trypanosoma cruzi infection	\$226,500
2020	EMORY UNIVERSITY	GA	UM1AI148576	Vaccine and Treatment Evaluation Units	\$3,863,401
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI147042	Universal epitopes-based recombinant influenza vaccines	\$193,854
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI149097	Repurposing drugs for treatment of primary amoebic meningoencephalitis	\$75,500
2020	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R21AI150723	Novel anti-inflammatory mesothelial signaling to the spleen	\$191,719
2020	EMORY UNIVERSITY	GA	R01AI149297	Rationalizing glycoengineering strategies for immunotherapeutic antibodies	\$501,240
2020	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$824,192
2020	EMORY UNIVERSITY	GA	R01AI123126	Integrin-dependent modulation of macrophage function	\$390,000
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125487	Role of African Trypanosome Extracellular Vesicles in Infection and Pathogenesis	\$375,000
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI129940	Development of a novel vaccine platform: Surface Antigen/Adjuvant Vaccine Engineering (SAAVE)	\$749,669
2020	EMORY UNIVERSITY	GA	K23AI134182	Impact of HIV infection on early responses to TB exposure	\$191,484
2020	EMORY UNIVERSITY	GA	U01AI141993	Human Vaccine Durability using Integrated Bioinformatics and a Novel in vitro Bone Marrow Mimic	\$641,161
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140444	Role of cardiolipin in Helicobacter pylori flagellar biogenesis	\$385,775
2020	EMORY UNIVERSITY	GA	R01AI144067	dsRNA regulation of the cytosolic innate immune system	\$390,000
2020	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$561,600
2020	EMORY UNIVERSITY	GA	R13AI143393	HIV DART and Emerging Viruses: Frontiers in Drug Development and Antiretroviral Therapies	\$1

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2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI150098	The Cell Envelope of the Multi-Drug Resistant Pathogen Acinetobacter baumannii	\$539,322
2020	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI152528	Strategies for generating high affinity antibodies against Gram negative bacteria	\$198,650
2020	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$2,397,601
2020	EMORY UNIVERSITY	GA	R01AI123733	Epigenetic Regulation of Plasma Cells Differentiation	\$386,421
2020	EMORY UNIVERSITY	GA	U01AI131566	Determining how macrophages regulate immunity to Zika virus infection at the maternal-fetal interface	\$446,845
2020	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI143296	Phages as drivers of pathogenicity: selective impacts and molecular targets of clinical Pseudomonas aeruginosa phages	\$197,250
2020	EMORY UNIVERSITY	GA	R01AI138646	The Role of Casual Contact and Migration in XDR TB Transmission in South Africa: a Geospatial, Genomic and Social Network Study	\$714,963
2020	EMORY UNIVERSITY	GA	R01AI137679	Gut microbiome, enteric infections and child growth across a rural urban gradient	\$677,082
2020	CAMELLIX, LLC	GA	R42AI124738	Novel sanitizer/disinfectants against viral infections with long-lasting effect	\$653,249
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI144880	Structural Basis for Henipavirus Matrix Protein Nucleo-Cytoplasmic Trafficking	\$204,239
2020	SPINCEUTICA INC	GA	R41AI145461	Rifampin potentiation in NTM	\$205,299
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI147003	Regulation of mucosal immunity to respiratory viruses by Tpl2	\$188,750
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI147097	Oxidative killing of Pneumococcus	\$188,750
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI148890	Antifungal Liposomes Targeted to Cell Wall Mannans	\$226,500
2020	NXT BIOLOGICS, INC.	GA	R41AI145416	Development of a vaccine to prevent Pneumocystis pneumonia	\$272,439
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R00AI137218	Understanding the highly divergent mitochondrial ATP synthase in T. gondii	\$248,999
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	\$378,750
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128356	The Toxoplasma apicoplast and calcium signaling	\$412,631
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142431	Role of redundant secreted effectors of Toxoplasma gondii that drive host cell cycle progression	\$228,000
2020	EMORY UNIVERSITY	GA	R21AI138079	C. trachomatis within-host genomic diversity and transmission between female anatomic sites	\$207,016
2020	EMORY UNIVERSITY	GA	R21AI146443	Detection and Characterization of Flavivirus and Alphavirus Infections in Acute Suspected Arboviral Cases or Neurological Disease, Central Department, Paraguay	\$176,386

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2020	EMORY UNIVERSITY	GA	R01AI148471	Epigenetic instruction of memory B cell function and reactivation	\$401,022
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI144779	Detailed analysis of Cryptosporidium non-coding gene expression	\$223,357
2020	EMORY UNIVERSITY	GA	R21AI150292	Discovery of Novel Epitopes for Antibody Dependent Cell-mediated Cytotoxicity Against HIV-1 Infected Cells	\$267,750
2020	EMORY UNIVERSITY	GA	R01AI148377	Combined cytokine therapy for sustained HIV remission	\$891,856
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI151148	Trypanosoma cruzi dormancy and its implications for therapeutic treatment	\$477,009
2020	EMORY UNIVERSITY	GA	R01AI152516	CD11b: A Novel Alternate Receptor for CD154 during Alloimmunity	\$390,000
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI152003	Thyroid Hormone Regulates Immune Response of Macrophages in Sepsis	\$75,500
2020	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$417,631
2020	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$444,712
2020	EMORY UNIVERSITY	GA	F31AI147611	Predicting the success of biological control for snail vectors of human schistosomiasis	\$45,520
2020	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$869,196
2020	EMORY UNIVERSITY	GA	R01AI128799	Understanding Rectal HIV transmission among At-risk MSM: Age, Intercourse, and Mucosal Injur	\$552,745
2020	EMORY UNIVERSITY	GA	R01AI124680	T cell compartmentalization and antiviral response	\$624,373
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	\$626,726
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI117290	A Novel Vaccine for Burkholderia pseudomallei and Burkholderia mallei	\$532,412
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI138027	Defining the mechanisms by which Placenta-specific 8 (Plac8) facilitates CD8 memory formation	\$188,750
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI130139	Elucidating the trafficking mechanisms of effector proteins to the Plasmodium infected red blood cell	\$375,000
2020	EMORY UNIVERSITY	GA	K08AI139348	Clinical and viral genomic approaches to evaluate the emergence of Powassan virus	\$192,426
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI143399	Reshaping Immunogenicity of Proteins	\$188,164
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI144591	Combining Liver Stage Culture System with Backcross Genetics to Discover Antimalarial Drug Resistance Loci	\$188,750
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI144498	Antifungal Immunoliposomes	\$188,750
2020	EMORY UNIVERSITY	GA	R01AI148378	MVA Prime/Novel Trimeric Cyclically Permuted Envelope Protein Boost Vaccines for HIV	\$102,106
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI146857	Dual oxidase and lactoperoxidase in influenza infection	\$377,500

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2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI150641	Systematic investigation of GPI-anchored mannoproteins in <i>Cryptococcus neoformans</i>	\$188,750
2020	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$390,000
2020	EMORY UNIVERSITY	GA	R01AI150774	Resource competition drives natural and rebound dynamics of snails and schistosomes	\$338,720
2020	EMORY UNIVERSITY	GA	UM1AI148684	Leadership Group for the Infectious Diseases Clinical Research Consortium (IDCRCLG)	\$3,824,678
2020	EMORY UNIVERSITY	GA	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$376,089
2020	EMORY UNIVERSITY	GA	R01AI121252	Understanding Survival of Human Bone Marrow Long-Lived Plasma Cells	\$390,000
2020	EMORY UNIVERSITY	GA	R01AI125064	Antiviral role of CD8+ T cells in ART-treated SIV-infected macaques	\$837,286
2020	EMORY UNIVERSITY	GA	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$568,676
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125453	Small Molecule Inhibitors of Ebola Virus Polymerase Function	\$779,568
2020	EMORY UNIVERSITY	GA	R01AI127799	Host dependence of influenza A virus reassortment	\$633,061
2020	EMORY UNIVERSITY	GA	R01AI149724	Memory T Cell Cosigning Pathways in Sepsis-Induced Immune Dysregulation	\$390,000
2020	EMORY UNIVERSITY	GA	R01AI136581	Lentivirus Replication Strategy and Pathogenesis	\$386,279
2020	EMORY UNIVERSITY	GA	F31AI136310	Regulation of O antigen in mucoid <i>Pseudomonas aeruginosa</i>	\$492
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI143844	Multivalent nanocluster universal influenza vaccine given by microneedle patch	\$764,738
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI139238	Defining the role of phosphatidylserine in hemorrhagic fever virus replication	\$381,000
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI146447	Characterizing the unique endocytic organelle of <i>Trypanosoma cruzi</i>	\$226,500
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI138206	Zika virus detection and recovery in sewage: a novel epidemiologic surveillance tool	\$176,434
2020	EMORY UNIVERSITY	GA	F30AI152342	Investigating Transmission Risk and Incidence of Extensively Drug-Resistant Tuberculosis in South Africa	\$50,520
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI147661	Anti-Toxoplasma isoprenoid pathway inhibitors and the host immune response	\$188,750
2020	EMORY UNIVERSITY	GA	R01AI073707	Determinants of T Cell Fate in Transplantation Tolerance	\$387,900
2020	EMORY UNIVERSITY	GA	U01AI148069	Quantifying the Epidemiological Impact of Targeted Indoor Residual Spraying on Aedes-borne Diseases	\$1,385,938
2020	EMORY UNIVERSITY	GA	R21AI149252	Somatic hypermutation and rescue from self-reactivity in Pre-B lymphocytes	\$257,320
2020	EMORY UNIVERSITY	GA	R01AI020211	Cytomegalovirus DNA Replication and Inversion	\$386,280

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2020	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$838,260
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142678	An optimized mouse model of Bordetella pertussis infection	\$188,750
2020	EMORY UNIVERSITY	GA	R13AI150088	HEP DART 2019: Frontiers in Drug Development for Hepatology	\$8,500
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI141222	Development of a Broad-Spectrum Inhibitor against Seasonal and Highly-Pathogenic Influenza Viruses	\$1,041,945
2020	Moonlight Therapeutics, Inc.	GA	R42AI143011	Microneedle Based Targeted Allergen Specific Immunotherapy for Treatment of Peanut Allergies	\$297,759
2020	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI144182	Starve and Kill: Engineered Antigens Targeting Nutrient Acquisition Pathways Essential for Gonococcal Infection and Disease	\$1,819,769
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI146907	Control of Flagellation Pattern in Helicobacter pylori	\$75,500
2020	EMORY UNIVERSITY	GA	R21AI148847	Mechanisms of Staphylococcus aureus and Pseudomonas aeruginosa Co-existence in CF	\$190,908
2020	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI147358	Identifying new genes involved in thymic involution	\$226,500
2020	EMORY UNIVERSITY	GA	R21AI145541	Delineating a role for CA in HIV-1 nuclear transport to sites of integration	\$195,000
2020	GENETAG TECHNOLOGY INC	GA	R43AI150530	Super-sensitive detection of universal markers of allograft rejection	\$242,610
2020	EMORY UNIVERSITY	GA	K23AI144036	Temporal dynamics of MDRO eradication after FMT	\$191,484
2020	EMORY UNIVERSITY	GA	R01AI051231	Virologic Correlates of Heterosexual Transmission	\$1,181,079
2020	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$681,214
2020	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$556,322
2020	EMORY UNIVERSITY	GA	R01AI129862	Imaging of Single HIV-1 Uncoating and Transport to the nucleus	\$496,584
2020	EMORY UNIVERSITY	GA	R33AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$458,393
2020	EMORY UNIVERSITY	GA	R01AI130163	Urban Water Systems, Enteric Pathogen Distribution & Gut Microbiome Development in Children: A Natural Experiment in Mozambique	\$738,842
2020	EMORY UNIVERSITY	GA	R21AI142489	Regulation of a virulence switch in Acinetobacter baumannii	\$158,377
2020	EMORY UNIVERSITY	GA	R01AI146017	Novel mechanism of integrase (IN) resistance to Dolutegravir through epistatic interactions between IN and the nucleocapsid and polypurine tract regions of HIV-1	\$564,884
2020	EMORY UNIVERSITY	GA	R01AI149746	ImmunoMetabolomics of Zoster Vaccines	\$400,808
2020	EMORY UNIVERSITY	GA	R01AI146260	Development of Oncolytic Reovirus for Triple-Negative Breast Cancer	\$382,571

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2020	EMORY UNIVERSITY	GA	R01AI149527	Identifying Risk Factors for Leprosy Transmission Related to Co-infections, Unsafe WASH and Undernutrition Using Novel Serologic Multiplex and High Resolution Metabolomic Assays	\$156,000
2020	ADVAC LLC	GA	R41AI152800	Multi NA-based influenza vaccines	\$272,223
2020	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$385,700
2020	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI120388	Chikungunya Recombinant Subunit Vaccine	\$1,000,000
2020	UNIVERSITY OF HAWAII	HI	R37AI050661	Vibrio fischeri as a Model for Bacterial Colonization	\$523,740
2020	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$378,117
2020	NEOVAXSYN INC	IA	R21AI143505	Evaluation of a Novel Antigen-Enhanced, Anti-Idiotypic Antibody Vaccine Strategy	\$210,000
2020	UNIVERSITY OF IOWA	IA	R21AI146769	Extra-Cytoplasmic Function Sigma Factor Senses and Responds to Beta-Lactam Stress in Gram-Positive Bacteria	\$231,750
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI139579	Exploring regulation of gene expression in malaria parasites	\$191,250
2020	UNIVERSITY OF IOWA	IA	R21AI148831	Mechanism and regulation of protein kinase functions in HSV nuclear egress	\$231,750
2020	UNIVERSITY OF IOWA	IA	K08AI143799	Study of Neisseria gonorrhoeae adaptability to impact microbial survival and host response inside human neutrophil phagosomes	\$187,488
2020	UNIVERSITY OF IOWA	IA	R01AI055042	Regulation of Pseudomonas aeruginosa type III secretion	\$355,208
2020	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$449,875
2020	UNIVERSITY OF IOWA	IA	R01AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$475,904
2020	UNIVERSITY OF IOWA	IA	R01AI132335	Determinants of human neutrophil fate after phagocytosis	\$486,758
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI141196	Universal room temperature stable influenza nanovaccine	\$1,132,987
2020	UNIVERSITY OF IOWA	IA	UH2AI144434	Airway Dendritic Cells in the Allergic Asthma Phenotype	\$233,872
2020	UNIVERSITY OF IOWA	IA	R21AI151183	Evaluation of CC mice as an improved model for influenza immunity	\$231,750
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI140669	Emerging multidrug resistance mechanisms in Campylobacter	\$641,884
2020	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$495,116
2020	UNIVERSITY OF IOWA	IA	R01AI133409	Complex haploinsufficiency based genetic analysis of C. albicans pathogenesis	\$540,362
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$588,223

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2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$369,421
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI144705	Eicosanoid regulation of mosquito innate immunity	\$191,250
2020	UNIVERSITY OF IOWA	IA	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$359,000
2020	UNIVERSITY OF IOWA	IA	F32AI145160	Development of a high throughput-compatible assay for screening filamentous fungi	\$65,310
2020	UNIVERSITY OF IOWA	IA	R01AI146380	Mechanisms of R loop-mediated genome instability in Wiskott-Aldrich syndrome	\$424,875
2020	UNIVERSITY OF IOWA	IA	R01AI147541	Genetic and mechanistic analysis of carbon dioxide tolerance in Cryptococcus pathogenesis	\$683,782
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$382,500
2020	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$378,940
2020	UNIVERSITY OF IOWA	IA	R21AI144215	CD40 regulation of acute virus infection	\$259,730
2020	UNIVERSITY OF IOWA	IA	R01AI121567	Immune Dysregulation During Multiple Sclerosis Relapse	\$732,451
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI144493	Characterizing new nematode-specific drug targets to eliminate the reservoir for human toxocariasis	\$191,250
2020	UNIVERSITY OF IOWA	IA	R21AI148904	Elucidating CD47-SHP1 biology to understand autoinflammatory disorders	\$193,125
2020	UNIVERSITY OF IOWA	IA	R21AI145316	Identification of virulence determinants under the transcriptional control of AtrR in Aspergillus fumigatus	\$250,670
2020	UNIVERSITY OF IOWA	IA	R01AI150812	Functional characterization of Chlamydia trachomatis inclusion membrane proteins and their role in subversion of host vesicular trafficking	\$444,505
2020	UNIVERSITY OF IOWA	IA	R01AI123107	Molecular regulation of T cell activation signals by TRAF3	\$381,250
2020	UNIVERSITY OF IOWA	IA	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$373,023
2020	UNIVERSITY OF IOWA	IA	R21AI147064	Differentiation of pathogen-specific memory CD8 T cell responses	\$193,125
2020	UNIVERSITY OF IOWA	IA	R01AI042767	T resident memory in the lung	\$521,974
2020	UNIVERSITY OF IOWA	IA	R01AI127775	ENDOTHELIAL CELL TROPISM IN THE PATHOGENESIS AND HOST RESPONSE AGAINST INFLUENZA VIRUSES - RESUBMISSION 01	\$539,422
2020	UNIVERSITY OF IOWA	IA	R01AI152494	Genetic analysis of pleiotropic drug resistance	\$421,998
2020	UNIVERSITY OF IOWA	IA	R01AI137075	Linking diet, gut microbiota and autoimmune disease: Bacteria induced phytoestrogen metabolites impact immune function in Experimental Autoimmune Encephalitis	\$416,065

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2020	UNIVERSITY OF IOWA	IA	K08AI132720	Fungal and Host Factors in Initiation of Cryptococcal Persistence	\$187,056
2020	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI138967	Diethylcarbamazine, Emodepside and SLO-1 K Channels of Filaria	\$184,559
2020	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	\$360,186
2020	UNIVERSITY OF IDAHO	ID	R21AI135691	Determination of the signals that control the chlamydial developmental cycle	\$181,480
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$399,750
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery	\$413,897
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI136773	Predictive Guidelines for Penetrance and Discovery of Broad-Spectrum Antibiotics	\$1,140,875
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125401	Developmental regulation of HBV biosynthesis by FoxA and DNA methylation	\$399,750
2020	NORTHWESTERN UNIVERSITY	IL	R01AI141470	Nuclear rotation and cellular reorganization during Cytomegalovirus infection?	\$424,676
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI140132	Microbe-driven Development of GALT	\$459,839
2020	NORTHWESTERN UNIVERSITY	IL	R01AI134952	Autoantibody mediated pathogenesis in chronic rhinosinusitis with nasal polyps: mechanisms and consequences	\$395,000
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120994	Staphylococcus aureus Survival During Nutrient Restriction and Suppression of Host Immunity	\$364,666
2020	RUSH UNIVERSITY MEDICAL CENTER	IL	K22AI140963	Direct live-cell visualization and quantification of interactions between infectious HIV particles in primary target cells.	\$162,000
2020	NORTHWESTERN UNIVERSITY	IL	U19AI135964	Successful Clinical Response In Pneumonia Therapy (SCRIPT) Systems Biology Center	\$2,400,000
2020	NORTHWESTERN UNIVERSITY	IL	R21AI150910	6mer seed toxicity and AIDS	\$197,500
2020	NORTHWESTERN UNIVERSITY	IL	R01AI137267	Structure and Function of EBV Protein Complexes that Trigger Epithelial Cell Entry	\$705,245
2020	UNIVERSITY OF CHICAGO	IL	R01AI136056	Next-Generation Phylodynamics-targeted Partner Service Models for Combined HIV Prevention	\$788,275
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T35AI125220	Summer Research Experience for Medical Students in Inflammation and Infectious Diseases	\$95,645
2020	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K08AI123524	Investigating a Novel Co-regulation of Multi-Drug Efflux Pumps and Polysaccharide Capsule in E. coli	\$188,478
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associateddiarrhea	\$375,594

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2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI134010	Elucidating Rgg-mediated quorum sensing networks in Streptococcus pneumoniae and their contributions in pathogenesis	\$20,207
2020	NORTHWESTERN UNIVERSITY	IL	R01AI141083	The role of non-classical MHC class I molecules in immune responses to Mycobacterium tuberculosis infection	\$617,464
2020	NORTHWESTERN UNIVERSITY	IL	R21AI137932	Leveraging immunostimulatory pathways that enhance BCG vaccination for the rational design of synthetic neonatal vaccine formulations	\$207,000
2020	MIDWESTERN UNIVERSITY	IL	R03AI144661	GENETIC REGULATION OF THE TWIN ARGININE TRANSLOCATION SYSTEM IN SALMONELLA ENTERICA SEROVAR TYPHIMURIUM	\$75,000
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI144112	Collaborative Integration of Hepatitis B Molecular Virology and Mathematical/Computational Modeling	\$450,911
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI140210	Development of a Flavivirus Vaccine to Reduce Antibody-Dependent Enhancement of Infection	\$184,560
2020	UNIVERSITY OF CHICAGO	IL	R21AI142360	Microbial effects on Acute Lung Injury	\$202,500
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI150229	Generation and application of second messenger molecules by SMODS and SAVED	\$228,336
2020	NORTHWESTERN UNIVERSITY	IL	R01AI150998	Functionally Defining HIV-Host Interactions During the Early HIV-1 Lifecycle	\$1,451,886
2020	NORTHWESTERN UNIVERSITY	IL	F30AI150049	An Age-Dependent Role of the Inflammasome in the Pathogenesis of HSV Encephalitis	\$50,520
2020	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI146079	A multi-level genomic and spatial analysis of MRSA transmission	\$623,525
2020	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	\$139,278
2020	UNIVERSITY OF CHICAGO	IL	R21AI149416	The Role of IL-5 in Lung Injury	\$243,000
2020	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$488,155
2020	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$1,073,753
2020	NORTHWESTERN UNIVERSITY	IL	R01AI130348	Food Allergy Outcomes Related to White and African American Racial Differences (FORWARD)	\$769,847
2020	UNIVERSITY OF CHICAGO	IL	R01AI117535	New retroviral restriction factor	\$644,871
2020	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$405,000
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI152249	Role of sumoylation in vascular endothelial barrier dysfunction in sepsis	\$239,850
2020	NORTHWESTERN UNIVERSITY	IL	R01AI118257	Accessory Virulence Factors of Pseudomonas aeruginosa	\$446,107
2020	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI151943	Novel molecular mechanism of macrophage polarization in sepsis	\$229,500
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$599,360
2020	NORTHWESTERN UNIVERSITY	IL	R01AI127783	Hormones in allergic disease	\$392,411

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2020	NORTHWESTERN UNIVERSITY	IL	U19AI136443	Using siglecs and their ligands to treat allergic diseases SALTAD	\$1,504,730
2020	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI139337	Molecular Signatures of Early-Onset Neonatal Sepsis in Umbilical Cord Blood	\$189,950
2020	UNIVERSITY OF CHICAGO	IL	F30AI126791	Niche Establishment by Bacteroides fragilis - Resubmission 01	\$50,520
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI147127	Studies towards a pan-genome and genetic manipulation of Clostridium scindens	\$75,223
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI153059	Intercellular Communication and Pheromone Maturation in Gram-Positive Bacteria.	\$375,605
2020	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus aureus	\$445,500
2020	UNIVERSITY OF CHICAGO	IL	R01AI123396	Mechanisms of E protein transcription factor-dependent iNKT cell expansion and differentiation	\$399,048
2020	UNIVERSITY OF CHICAGO	IL	R01AI143778	The epigenetic reader BRWD1 in peripheral adaptive immunity	\$487,845
2020	UNIVERSITY OF CHICAGO	IL	R01AI137514	Hepatitis C Virus Trafficking in Hepatocytes	\$399,048
2020	UNIVERSITY OF CHICAGO	IL	U01AI125250	Specificity of Intestinal Immunoglobulin A	\$491,720
2020	NORTHWESTERN UNIVERSITY	IL	R21AI137458	Reassessing Legionella pneumophila Recognition during Intracellular Infection of Human Macrophages	\$187,400
2020	UNIVERSITY OF CHICAGO	IL	R01AI146099	Mechanisms by which intestinal bacteria contribute to maintenance of tolerance in food allergy	\$554,803
2020	UNIVERSITY OF CHICAGO	IL	K22AI144031	Electrogenic metabolism in host-associated microbial communities and pathogenesis	\$161,232
2020	MIDWESTERN UNIVERSITY	IL	R21AI149026	Quantifying renal injury among the most commonly used clinical antibiotic combinations	\$262,500
2020	NORTHWESTERN UNIVERSITY	IL	R01AI148780	Virus-host interactions governing alpha-herpesvirus genome delivery and neuroinvasion	\$605,338
2020	UNIVERSITY OF CHICAGO	IL	R21AI151956	Molecular characterization of the functional isoforms of HLA-F in human health and cancer	\$237,048
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI151674	Proteolytic Regulation of HPV Infection	\$252,845
2020	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$405,002
2020	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$457,664
2020	UNIVERSITY OF CHICAGO	IL	F32AI143120	BRWD1 and the molecular regulation of humoral immunity	\$33,723
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI129719	Deep mutational scanning of the HIV-1 Env protein and HIV-targeted host chemokine receptors	\$377,748
2020	TALIS BIOMEDICAL CORPORATION	IL	R01AI139005	Diagnostics via Rapid Enrichment, Identification, and Phenotypic Antibiotic Susceptibility Testing of Pathogens from Blood.	\$1,109,538
2020	NORTHWESTERN UNIVERSITY	IL	R01AI148478	Mechanism of Herpes Simplex Virus (HSV) Induced Membrane Fusion	\$555,984

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2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI143641	Probing the role of commensal intestinal fungi during Salmonella pathogenesis	\$392,077
2020	UNIVERSITY OF CHICAGO	IL	R21AI144417	Novel microfluidic platform to profile host-pathogen interaction under controlled infection and single cell resolution	\$197,738
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI142528	Chromogranin A as a Regulator of Urothelial Antimicrobial Responses During Urinary Tract Infection	\$190,625
2020	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI144549	Clostridium innocuum as an emerging multidrug-resistant antibiotic-associated diarrheal pathogen	\$194,160
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI144500	Applying Ribo-Seq and RNA-Seq to identify quorum sensing pheromones and their regulons	\$199,875
2020	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI145727	Development of group 2 influenza A virus entry inhibitors	\$299,999
2020	EDEN PARK ILLUMINATION, INC.	IL	R42AI125006	Monochromatic 222 nm UV light: Development of a safe, cost-effective technology for the efficient reduction of bacterial and viral infection and transmission	\$496,362
2020	NORTHWESTERN UNIVERSITY	IL	R01AI146087	Characterizing Mucosal Changes in the FRT Leading to Increased HIV Acquisition	\$675,996
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI144967	A Scalable Platform to Discover Antimicrobials of Ribosomal Origin	\$749,232
2020	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI141596	Molecular regulation of TLR2-mediated autoimmune inflammation	\$390,000
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI142515	Genetic and virulence characterization of eae-positive enteropathogenic E. coli (EPEC) clinical isolates from USA patients with diarrhea	\$191,666
2020	UNIVERSITY OF CHICAGO	IL	R01AI148543	Antibody therapy of MRSA colonization and infection	\$536,503
2020	UNIVERSITY OF CHICAGO	IL	F32AI150208	Computational and Theoretical Studies of Retroviral Replication - Resubmission	\$64,926
2020	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI146917	Data-Driven Mathematical and Computational Modeling of Hepatitis D Infection and Treatment Response	\$725,051
2020	UNIVERSITY OF CHICAGO	IL	R01AI148705	Intrarenal B cells in acute kidney allograft rejection	\$791,315
2020	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$525,744
2020	NORTHWESTERN UNIVERSITY	IL	R01AI127456	Poxvirus manipulation of the host cell protein synthesis machinery	\$407,172
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121286	Chromatin infrastructure of the Igh locus and its influence on VH gene usage	\$826,195
2020	UNIVERSITY OF CHICAGO	IL	R01AI125644	IRF4+ respiratory dendritic cells in type 2 inflammatory responses	\$399,048
2020	NORTHWESTERN UNIVERSITY	IL	R01AI125366	REDD1 dissociates the therapeutic and adverse effects of glucocorticoids in skin	\$481,215
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI142060	Targeting leukocyte traffic in intestinal inflammation	\$239,850

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2020	NORTHWESTERN UNIVERSITY	IL	R21AI142059	Combining Immune Tolerance and Myelin Repair Therapy in T cell-driven MS Models	\$197,500
2020	UNIVERSITY OF CHICAGO	IL	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$500,000
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI149115	Phosphate homeostasis and uptake in Staphylococcus aureus	\$223,836
2020	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$453,498
2020	UNIVERSITY OF CHICAGO	IL	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$389,432
2020	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$486,000
2020	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI123525	Optimizing the diagnosis of pediatric Clostridium difficile infection	\$190,080
2020	UNIVERSITY OF CHICAGO	IL	R03AI137605	Generation of a Tal1 fluorescent reporter allele for studies on hematopoiesis and leukemogenesis	\$81,000
2020	RUSH UNIVERSITY MEDICAL CENTER	IL	R33AI127635	Identification of preclinical drug candidates for the treatment of schistosomiasis	\$443,078
2020	NORTHWESTERN UNIVERSITY	IL	R01AI137174	Initiators, biomarkers and mechanisms of epithelial dysfunction and immune pathogenesis in chronic rhinosinusitis and aspirin exacerbated respiratory disease (AERD)	\$622,488
2020	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI142380	Tool for studying essential gene function in Cryptosporidium parvum	\$198,250
2020	NORTHWESTERN UNIVERSITY	IL	R21AI139596	Stenotrophomonas Maltophilia Type IV Secretion: Modulator of Both Host-Cell Apoptosis and Interbacterial Killing	\$188,839
2020	UNIVERSITY OF CHICAGO	IL	R01AI144094	Development of Intestinal Polyreactive IgA B Cells	\$498,426
2020	NORTHWESTERN UNIVERSITY	IL	F30AI129237	Phenotypic and functional plasticity of mast cells in homeostasis and allergy	\$50,520
2020	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI146409	Mechanisms of HSV egress	\$239,850
2020	NORTHWESTERN UNIVERSITY	IL	R21AI151438	Regulation of Neuromyelitis Optica via Tolerance Induced by PLG Nanoparticles Encapsulating Aquaporin 4 Epitopes	\$237,000
2020	UNIVERSITY OF CHICAGO	IL	R01AI147652	Molecular functions of Tcf-1 in DP thymocytes	\$399,048
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI144430	Identifying Wolbachia effectors that facilitate host infection	\$386,485
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$150,000
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI124723	Translational control during stage conversion of Toxoplasma, an opportunistic infection of HIV/AIDS	\$393,534
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI138283	Extending the scope of PLX-R18 for H-ARS: efficacy in special populations and DEARE	\$518,282

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI142471	RNA Selection in the Packaging of Segmented dsRNA Viruses	\$189,934
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI149766	Regulation of mitochondrial morphodynamics in Toxoplasma gondii	\$392,803
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI150616	Eradicating latent toxoplasmosis	\$190,135
2020	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus aureus	\$518,582
2020	PURDUE UNIVERSITY	IN	R01AI123037	Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline	\$704,873
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI144881	Rotavirus Vaccines Engineered as Vectors Against Other Enteric Diseases	\$189,634
2020	UNIVERSITY OF NOTRE DAME	IN	R21AI142127	Exploration of the genetic interaction between secreted virulence determinants from pathogenic mycobacteria	\$193,125
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI151532	Identifying GroEL inhibitors with activity against replicating and non-replicating Mycobacterium tuberculosis	\$97,775
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI143254	Subtractive assembly approaches for inferring disease-associated microbial genes and pathways from microbiome sequencing data	\$270,268
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI129241	Th9 cells in immediate hypersensitivity	\$393,750
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI118933	Multimode Observation of Virus Capsid Assembly	\$382,886
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI142383	Topological Heterogeneity as an Evolved Source of Structural Diversity in Viral Polyproteins	\$186,959
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI144022	The Structural Biology of HBV	\$372,968
2020	UNIVERSITY OF NOTRE DAME	IN	R01AI129543	Building better T cell receptors for targeted immunotherapy	\$755,580
2020	UNIVERSITY OF NOTRE DAME	IN	R01AI125360	Empowering functional genomics of An. gambiae through inversion genotyping	\$486,262
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	\$484,895
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI137116	Determination of the Interactome between Haemophilus ducreyi and the Human Host.	\$652,388
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI051390	Immunology of factor IX gene transfer to liver	\$393,750
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	\$441,802
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123457	Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	\$506,131
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI125682	Defining clinical and sterile immunity to Plasmodium falciparum infection using systems biology approaches	\$185,224
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$477,223
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132463	Cytoskeletal machinery driving invasion by the human pathogen, Toxoplasma gondii.	\$395,451
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI139176	Coxiella manipulation of cholesterol in the intracellular niche	\$429,099

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2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI145239	Epitranscriptomics in the AIDS-opportunistic pathogen Toxoplasma gondii	\$232,760
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI142013	Identification of a New RIPK3-Dependent Cell Death Pathway	\$78,750
2020	UNIVERSITY OF NOTRE DAME	IN	R21AI149235	Mechanisms of ESX-1-dependent Gene Expression in Pathogenic Mycobacteria	\$231,750
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123486	Role of the gut microbiota in shaping severity of malaria	\$516,986
2020	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$449,325
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	K23AI135094	Upper Airway Microbial Development During the First Year of Life	\$182,967
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116706	The role of the urethral microbiome in idiopathic urethritis in men	\$682,422
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI144256	Functional assessment of the regulation of mosquito sexual dimorphism by non-coding RNAs	\$196,875
2020	UNIVERSITY OF NOTRE DAME	IN	R21AI144095	Identification of candidate genes conditioning mosquito immune response to arboviruses	\$193,250
2020	PURDUE UNIVERSITY	IN	R21AI142651	Investigation of the role of phosphatidic acid metabolism in filovirus budding	\$205,700
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI152583	GCN5a and cyst development in the AIDS-opportunistic pathogen Toxoplasma	\$190,135
2020	PURDUE UNIVERSITY	IN	R01AI095366	Rapid Generation of Vaccine Candidates Against Novel Wuhan Coronavirus (SARS-CoV-2) Using the Bacteriophage T4 Nanoparticle Platform	\$1,027,692
2020	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$589,700
2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI123351	Assembly/function of the sorting platform of the Shigella type III secretion apparatus	\$452,820
2020	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI134768	Biology and infection of bats with novel bat influenza viruses	\$414,092
2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K22AI134993	Investigating How ADP-ribosylation Impacts Innate Immunity During Coronavirus Infection	\$108,000
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	U01AI138323	Progenitor cell based therapy to mitigate radiation induced gastro intestinal syndrome	\$524,033
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144564	Parvovirus B19 NS1 nickase-based high-throughput screening and structure study of the nickase	\$191,250
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI121073	Mechanistic control of metabolism and virulence by fatty acid kinase in MRSA	\$382,500
2020	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI130092	Small Molecule Protease Inhibitors against MERS-CoV	\$732,873
2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI143407	Comprehensive molecular and functional analyses of anti-HIV-1 broadly neutralizing antibody repertoires	\$192,025
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI142361	CryoEM Structures of LF-Anthrax pore translocon at pH 5.5	\$73,850

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2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI139198	Identification of CYP5122A1 inhibitors as chemical probes for Leishmania biology	\$540,173
2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI144408	Probing antigen specificity and response of autoimmune B cells in Neuromyelitis Optica	\$189,375
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI150877	Viral and Host Determinants of Parvovirus Replication	\$485,304
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI151542	Mechanisms Underlying the Transduction Polarity of AAV in Polarized Human Airway Epithelium	\$243,313
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI147276	Mechanisms for generating cargo specificity in inflammasome-mediated exosome secretion	\$422,829
2020	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI128377	Identification of Small Molecular Inhibitors of Rift Valley Fever Virus Replication	\$240,710
2020	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI139154	The causes of balancing selection on immunity genes: from populations to molecular interactions.	\$365,300
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144698	Normalizing Pathogen Exposure and Pregnancy	\$229,500
2020	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144883	Alterations in the surfaceome of the herpes simplex virus 1 infected cells via the Cbl/CIN85 endocytic machinery and the role of the Infected Cell Protein No 0 (ICP0) in endocytosis.	\$229,500
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$373,108
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI128862	Biosynthesis and medicinal chemistry of the capuramycin antimycobacterial antibiotics	\$200,000
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI143690	Biogenesis and Function of Streptococcus Pyogenes Cell Wall	\$382,500
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI150631	Role of amylopectin granules in chronic toxoplasmosis, an HIV-AIDS defining infection	\$191,250
2020	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI128818	Regulation of dermal gammadelta T cells by microbial pathogens/commensals in health and psoriasis	\$192,238
2020	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI121281	A novel immunomodulatory approach to overcome innate and adaptive immune barriers to islet transplantation	\$385,000
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI142576	Endothelial JAK3 expression and inflammatory lung injury in sepsis	\$191,250
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI144648	Conditional Null Mutants in the Study Essential Gene Products of Chlamydia	\$191,250
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI129382	Autumn Immunology Conference	\$12,000
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI151621	Engineered promoters for finely tuned gene expression in Chlamydia	\$76,500
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI148828	Examination C. pneumoniae-specific Incs by employing C. trachomatis, L2 genetic tools	\$76,500

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2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI146945	Mechanisms of resistance against the human group IIA secreted phospholipase A2 in Group B Streptococcus	\$231,118
2020	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	T32AI132146	Inflammation and Pathogenesis Training Program	\$134,511
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI144126	SpoVG and PlzA Regulation of Lyme Disease Spirochete Infection Processes	\$783,968
2020	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI129959	Enhanced diagnostic assessment in lupus using differential scanning calorimetry	\$347,631
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI151482	Defining the Intracellular Growth Niche of Foodborne Listeria monocytogenes	\$191,250
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI142063	Inhibition of GSDMD as a new treatment for infection	\$183,035
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI147139	Regulation of infection-associated protein expressed by the Lyme disease spirochete DnaA protein	\$222,582
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI149366	Identification of the factors contributing to resistance of Group A Streptococcus to human group IIA secreted phospholipase A2	\$232,141
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$450,070
2020	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI142590	Population level characterization of human immunoglobulin heavy chain germline variants with impacts on variability in the Ab repertoire of healthy adults	\$119,578
2020	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI150085	Extragenic adaptation to the loss of a deubiquitinase affecting the T. gondii cell cycle and development	\$229,500
2020	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,500
2020	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI131433	Testing novel microbicide candidates in sustained release formulations	\$653,749
2020	Louisiana State University System	LA	R21AI140088	Myeloid CFTR Defect and CF Pathogen Selection	\$183,750
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI141399	Role of FIP200 in RIG-I-mediated innate immunity	\$352,334
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI145096	Candida mediated protection against polymicrobial sepsis	\$575,359
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$455,125
2020	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	K22AI136593	Innate Lymphoid Cell Loss in HIV-1 and SIV Infection	\$158,357
2020	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI136100	Genetically Modified Gamma Delta T Cells to Target SIV Reservoirs	\$522,393
2020	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI145642	Genetically Modified NKT Cells to Target Viral Reservoirs	\$170,000
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$448,285

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2020	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI116851	Roles of the UL148 glycoprotein in human cytomegalovirus cell tropism	\$362,500
2020	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R56AI146226	Heterogeneity and molecular signatures of therapeutic T cells in allergic airwayinflammation.	\$375,096
2020	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI148926	RNA polymerase II occupancy and activity in HSV-infected post mitotic neurons	\$236,905
2020	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134245	Host-Directed Therapy to Augment anti-M. tuberculosis Responses in the Setting of HIV Co-infection and to Sterilize the Tuberculoma	\$1,018,521
2020	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI143839	Regulation of Legionella pneumophila pathogenesis by the central eukaryotic metabolic checkpoint kinase Mechanistic Target of Rapamycin (MTOR)	\$365,000
2020	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI141968	How HSV repurposes host transcriptional machinery for viral gene expression	\$365,818
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI121330	Environmental influences on urban schistosomiasis transmission and elimination	\$463,800
2020	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R56AI143937	Mechanisms of dmLT Adjuvant	\$260,726
2020	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI139288	Whole body to single cell analysis of the HIV reservoir	\$729,273
2020	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$380,675
2020	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI149289	Using Solid-State NMR Spectroscopy to Elucidate Cell Wall Structural Dynamics Involved in Virulence and Drug Response of Aspergillus fumigatus	\$217,464
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$491,731
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$338,421
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI039394	Biochemical Mechanism of HIV DNA Integration	\$684,163
2020	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$332,242
2020	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$2,893,436
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$9,052,313
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$704,580
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$249,815
2020	HELIXBIND INC	MA	R44AI109913	A Culture-Free Platform for Rapid Fungal Pathogen Identification	\$1,000,000
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI123420	Targeting Epstein-Barr Virus super-enhancers	\$443,750
2020	BRANDEIS UNIVERSITY	MA	R01AI122802	Unraveling the polymodal behavior of sensory transduction receptors	\$450,523
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI124165	Targeting steroid hormone signaling in Anopheles mosquitoes for malaria control	\$641,631

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2020	BOSTON MEDICAL CENTER	MA	R01AI119037	The impact of alcohol consumption on TB treatment outcomes	\$672,957
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI126592	The Chemistry and Biology of Galactofuranose-Containing Glycans	\$460,884
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI130934	Immune progression and plasticity in relation to child age	\$234,997
2020	TUFTS UNIVERSITY	MA	R21AI137641	Role of DdIR-regulated D-Ala-D-Ala biosynthesis in peptidoglycan synthesis and virulence	\$206,250
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	\$402,463
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137091	Airway dual-transcriptomics in bronchiolitis and risk of asthma: MARC-35 cohort	\$822,335
2020	BROAD INSTITUTE INC	MA	F32AI138458	Mapping epigenetic regulatory circuits of Th17 pathogenicity in autoimmunedisease	\$69,306
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI135940	A clinical trial to evaluate the impact of broadly neutralizing antibody VRC01 on HIV viral reservoir and maintenance of suppression in a cohort of early-treated children in Botswana	\$1,484,707
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139633	Mechanisms of a Novel Combined Immunodeficiency Caused by a Homozygous Mutation in COPG1	\$442,500
2020	BOSTON MEDICAL CENTER	MA	R01AI138960	Signals that establish and maintain HIV latency	\$436,681
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI139339	Mycobacterial determinants of escape from pathogen-specific immunity	\$201,160
2020	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R21AI146715	New understanding of LTA as a determinant of daptomycin susceptibility in VRE E. faecium	\$212,500
2020	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI138019	Regulation of HLA-C in Human Trophoblasts and its Impact on Preterm Birth	\$211,250
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI121394	Decrypting IgE B Cell Immunobiology	\$628,572
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127654	Generation of Robust Resident Memory T cells in Barrier Tissues through Skin Vaccination	\$1,181,983
2020	HELIXBIND INC	MA	R44AI136064	An automated platform for direct-from-specimen identification of pathogens common in endocarditis	\$998,005
2020	PHAGEPRO, INC.	MA	R41AI142960	Developing a Scalable Manufacturing Process for an Oral Bacteriophage Product that Prevents Cholera	\$438,041
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI144637	Structural mechanism of a DNA polymerase critical for developing antibiotic-resistance	\$209,375
2020	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI143962	Evaluating the Impact of School Nut-Free Policies	\$193,394
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116577	Granzyme and Granulysin Mediated Death of Trypanosoma cruzi	\$626,473
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI145181	Quadruplet Decoding for Multiplexed Non-Canonical Amino Acid Incorporation	\$45,520
2020	BETH ISRAEL HOSPITAL	MA	R21AI146485	Fusidic acid derivatization to enhance entry into Gram-negative pathogens	\$209,030

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2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$593,357
2020	BETH ISRAEL HOSPITAL	MA	R01AI148161	T cells in Lupus	\$437,500
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI128068	TIM-1 and AhR: Key regulators of B-cell mediated Transplant Tolerance	\$185,220
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI146152	Validating the Flavivirus Envelope Protein as an Antiviral Target	\$833,361
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI148581	Targeting lipopolysaccharide transport machinery in Pseudomonas aeruginosa	\$199,800
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI143896	Development of an RSV vaccine for the elderly	\$738,847
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI149012	Delivery of Powdered Vaccines for Improving Newborn Vaccination	\$209,229
2020	Trustees Of Boston University	MA	R21AI147659	Interplay between respiratory syncytial virus and nucleotide biosynthesis pathways	\$255,651
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI151973	A systematic method for Gain-of Function genetics in mycobacteria	\$219,183
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI146785	Defining the Fc-correlates of protection against influenza	\$544,875
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI136041	Eicosanoid Networks in Aspirin Hypersensitivity	\$549,828
2020	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI149778	Studies on the Biological Mechanisms of Antibiotics	\$628,109
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI149704	Understanding and Reversing T Cell Dysfunction to Control and Eliminate Persistent HIV Reservoirs	\$420,000
2020	Trustees Of Boston University	MA	R01AI151559	Advancement of poxvirus inhibitor	\$575,718
2020	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI106878	O-Specific Polysaccharide Responses and Cholera	\$619,905
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$2,768,246
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$996,527
2020	Trustees Of Boston University	MA	R01AI116829	Gene Regulation in the Immune System	\$371,250
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI125122	Pharmacokinetic and Programmatic Evaluations to Optimize HIV/TB Co-Treatment Regimens in Children	\$198,504
2020	BETH ISRAEL HOSPITAL	MA	R01AI116596	Ultrasensitive C.difficile toxin measurement for diagnosis and outcome prediction	\$823,989
2020	BETH ISRAEL HOSPITAL	MA	UM1AI124377	Consortia for Innovative AIDS Research in Nonhuman Primates	\$8,268,211
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI127193	Structure-function studies of the membrane-interacting domains of HIV-1 Env spike	\$792,780
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	K24AI116925	Determining the genetic and diagnostic markers of acute renal allograft rejection	\$187,626
2020	Trustees Of Boston University	MA	R01AI132111	GM3 Nanoparticles for Sustained Delivery of Anti-Retrovirals to Lymphatic Tissues	\$637,477

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI136459	Characterizing spatio-temporal changes in immune cell landscapes of multiple sclerosis patients in response to B cell depletion with Ocrelizumab	\$64,926
2020	BETH ISRAEL HOSPITAL	MA	U19AI128751	Development of Ad26/Env Vaccines for HIV	\$2,799,999
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI136789	Genetically-encoded fluorescent RNA sensors for measuring transport of antibiotics into the cytoplasm of Gram-negative pathogens and development of efflux pump inhibitors	\$703,931
2020	Trustees Of Boston University	MA	K23AI137183	Role of B cell activating factor in non-infectious complications of common variable immunodeficiency	\$188,676
2020	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$999,567
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139087	Structure and Function of C. Difficile Toxins	\$804,015
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI146555	Optimal targeting for individual and population-level TB prevention	\$529,009
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138369	Disentangling the Death Decision: How Living Cells Release Interleukin-1	\$33,208
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI144119	The school microbiome and asthma morbidity in inner-city children	\$770,182
2020	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI112823	Structure and Function Studies of LL-37 Binding to CsrS of Group A Streptococcus	\$190,294
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI141181	A novel vaccine against multidrug-resistant gonorrhea	\$1,133,414
2020	Trustees Of Boston University	MA	R03AI144335	Tracking drug-resistant tuberculosis patients through time in South Africa	\$82,500
2020	TUFTS UNIVERSITY	MA	R01AI142005	Intracellular nucleic acid sensing and age-related chronic inflammation	\$481,840
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K24AI141036	Mentoring in patient-oriented research on HIV and global health	\$161,691
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI143365	Accompanying HIV-positive adolescents through the transition into adult care: a feasibility study	\$194,243
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI144139	iNKT cells hyperactivate DCs	\$211,900
2020	SELUX DIAGNOSTICS, INC.	MA	R44AI136125	Next-generation phenotypic antimicrobial susceptibility test platform: rapid results and comprehensive menus	\$1,000,000
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI140960	Leveraging CTLs targeting highly networked epitopes to suppress the latent HIV-1 reservoir	\$199,800
2020	VAXESS TECHNOLOGIES INC	MA	R44AI142948	Improved Influenza Vaccine Efficacy Through Infection Mimicry	\$997,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	U01AI134585	Trial of Metformin for TB/HIV Host-directed Therapy	\$564,071
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$458,878
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI148784	Insight into the Ebola virus glycoprotein fusion mechanism gleaned from the 2013-2016 epidemic GP-A82V variant	\$836,194
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI141940	Structural studies of herpesvirus DNA polymerases	\$254,250

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2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI143771	Global post-transcriptional regulators in <i>P. aeruginosa</i>	\$579,125
2020	TUFTS UNIVERSITY	MA	R01AI146245	The interface between <i>L. pneumophila</i> manipulation of host endoplasmic reticulum and innate immune subterfuge	\$677,650
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI148306	Using human skin grafted mice to identify biomarkers of exposure and study effects of radiation on skin	\$540,530
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI146539	Regulation of VapC toxins by Ser/Thr phosphorylation of VapB antitoxins in <i>M. tuberculosis</i>	\$265,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI152446	Pathobiology of VPS45 severe congenital neutropenia	\$664,274
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI148539	Neuropilin-2 in Alloimmunity	\$509,048
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI146836	A proteomic approach to understanding phagosome composition in TB infection	\$252,000
2020	TUFTS UNIVERSITY	MA	R21AI151593	Engineering of Complex Infectious Loci in Culture	\$241,650
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI150322	Characterizing HIV-1 Env conformations susceptible to attack by non-neutralizing antibodies	\$588,001
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI151732	Host factors and inhibition of Filoviruses	\$270,500
2020	IT Bio, LLC	MA	R44AI152709	Advanced generation infection-proof anti-HIV CAR-T with YY1 RNAi to block T cell exhaustion in NHP model	\$250,862
2020	UNIVERSITY OF MASSACHUSETTS	MA	R13AI152384	International Immunocompromised Host Society 21st International Symposium on Infections in the Immunocompromised Host	\$7,000
2020	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$560,970
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in <i>Escherichia Coli</i>	\$535,006
2020	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$494,409
2020	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$502,500
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI143480	Characterization of CD8+ T cell killer activity and the mechanisms responsible for detachment from dead target cells	\$69,306
2020	TUFTS UNIVERSITY	MA	R01AI055058	Impact of Bacteriophages on Virulence and Transmission of <i>Vibrio cholerae</i>	\$478,061
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI118502	Sensitive and quantitative point-of-care viral load testing on paper	\$443,750
2020	TUFTS UNIVERSITY	MA	R01AI131656	Coping with Stress: Next Generation Approaches to <i>Borrelia burgdorferi</i> Host Adaptation	\$661,519
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123349	Cellular mechanisms by which exhausted T cell responses are restored	\$409,750
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI143470	Virologic and pharmacologic determinants of dolutegravir failure in East Africa	\$197,390
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136715	HIV, HCV, Hippo, and Liver Disease Progression	\$642,162
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI130005	Proteomics and phosphoproteomics analysis in HIV-1 infection	\$517,182
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI130307	FDC regulation of self-reactive B cells	\$531,000

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2020	TUFTS UNIVERSITY	MA	R21AI137759	An imaging approach to understanding the impact of heterogeneity in microenvironments and lesion properties during Mycobacterium tuberculosis infection	\$204,950
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136529	The Functional Role of the Tetraspanin CD82/Kai1 in Fungal Innate Immunity	\$582,212
2020	Trustees Of Boston University	MA	R01AI133486	Mechanisms of Marburg virus gene expression	\$534,809
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI136816	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$2,457,204
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144103	Laser-based non-invasive immunotherapy for food allergy	\$200,479
2020	NORTHEASTERN UNIVERSITY	MA	R21AI141227	Lead optimization of hits identified from virtual and experimental screens of multiple industrial libraries DNDi	\$200,954
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI143887	Role of Siglec-E in Regulating Alloimmunity	\$398,737
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$409,360
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI146855	Caspase-8 as a focal hub in effector-triggered immunity	\$584,061
2020	BETH ISRAEL HOSPITAL	MA	R21AI142040	Apramycin scaffold exploration using novel glycochemistry and SAR studies to enhance activity against Acinetobacter baumannii and other multidrug-resistant Gram-negative pathogens	\$210,119
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123312	Antimicrobial blue light inactivation of pathogenic microbes	\$546,137
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI150396	HIV Reservoir Ecology of Viral Remission	\$920,378
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI148646	Malaria transmission blocking through mosquito contact with treated surfaces	\$763,544
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI149970	Understanding the mechanism of PfCoronin mediated artemisinin resistance in protozoan parasite Plasmodium falciparum	\$65,310
2020	TUFTS UNIVERSITY	MA	R01AI148656	STING-Dependent Pathways Restraining Severe Schistosome Immunopathology	\$537,712
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI149037	Tapping into an anthelmintic Bacillus thuringiensis crystal protein arsenal for human strongyloidiasis	\$265,100
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI150866	Automated high throughput compound screening for broadly active anti-parasitic nematode drugs	\$602,642
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134940	Airway metagenome & metabolome in bronchiolitis and risk of asthma: MARC-35 cohort	\$687,403
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$429,767
2020	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$432,500
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$531,000

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2020	TUFTS UNIVERSITY	MA	R01AI121337	SIGNALING MECHANISMS IN VIBRIO CHOLERAEE PARALLEL QUORUM SENSING PATHWAYS	\$408,242
2020	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$509,192
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI118955	Programmed cell death in P. aeruginosa	\$534,715
2020	TUFTS UNIVERSITY	MA	R01AI110684	Mammalian cell collaboration with bacterial type III secretion	\$412,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114495	Elucidation of the role of 2 novel cross presentation genes	\$418,750
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137325	Functional characterization of CARD9 genetic variants in fungal immunity	\$699,124
2020	Trustees Of Boston University	MA	R33AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	\$465,734
2020	BETH ISRAEL HOSPITAL	MA	K23AI132648	Optimizing Diagnostic Strategies for TB Transmission Control in Health-Care Facilities	\$188,962
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI138551	Functional analysis of epigenetic regulators of malaria blood-stage proliferation and transmission	\$398,750
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI138790	Optimizing HIV-specific T-cell responses by therapeutic vaccination	\$682,804
2020	TUFTS UNIVERSITY	MA	R01AI137424	Emergence of tick borne encephalitis in North America	\$499,584
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI144365	Cellular and humoral immunity in Lyme arthritis	\$582,807
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI145547	Enrichment of the State-1 Conformation of the HIV-1 Envelope Glycoprotein	\$775,468
2020	BETH ISRAEL HOSPITAL	MA	R01AI143457	Mechanisms of Natural Killer Cell Clearance of SIV from Lymphoid Follicles	\$620,422
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI139735	Role of innate immune recognition in adaptive T cell development in early life	\$192,320
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144877	Distinguishing immunomodulatory intestinal viruses through examination of viruses attached to RIG-I and MDA-5	\$215,179
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI141740	Safety and tolerability of new and repurposed drugs for MDR-TB treatment	\$196,727
2020	BOSTON MEDICAL CENTER	MA	K24AI145661	HIV-1 mucosal transmission and persistence	\$181,673
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI143612	Molecular Imaging to Identify Neutrophil Activation in ANCA Vasculitis	\$253,845
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI142793	Bacterial Determinants of Treatment Response in Mycobacteria Tuberculosis	\$2,936,284
2020	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI143514	Effect of IL-4R?R576 variant on response to Dupilumab in children with Asthma	\$1,470,078
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI145932	Mechanisms of cross-presenting antigens in phagosomes on MHC I molecules to stimulate CD8 T lymphocyte responses	\$418,750

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2020	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI077595	Mechanisms that Regulate Antibody Class Switch Recombination and Somatic Hypermutation	\$531,000
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136503	Role of DEPTOR in T Cell Activation and Alloimmunity	\$708,000
2020	UNIVERSITY OF MASSACHUSETTS	MA	F30AI150127	Pathogen sensing by nuclear hormone receptors in C. elegans intestinal epithelial cells	\$30,514
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI148273	Elucidating the Structural Requirements for Next-Gen Glycoconjugate Vaccines	\$604,595
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI148972	How Hepatitis C Virus Regulates Desmosterol to Affect RNA Replication: a New Virus-Host Interaction	\$211,875
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI145128	NLRP11 in non-canonical inflammasome activation in response to Shigella flexneri and cytosolic LPS.	\$69,834
2020	TUFTS UNIVERSITY	MA	R21AI149046	Identifying target antigens for Cryptosporidium vaccine	\$247,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI146621	Outer membrane vesicle vaccine against gonococcal and meningococcal disease	\$251,250
2020	UNIVERSITY OF MASSACHUSETTS	MA	F32AI150057	Defining actin-based mechanisms driving basic cell functions and pathogenic behaviors in Naegleria	\$64,926
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI143855	Lipid Antigens for iNKT Cells in the Gut Microenvironment	\$403,260
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144738	Maternal regulation of diet-induced obesity in offspring.	\$244,119
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI150671	Endogenous ligand of the NK activating receptor Nkp46	\$265,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI146188	Defining post-transcriptional mechanisms that control CD8 T cell longevity, proliferation and differentiation	\$520,929
2020	TUFTS UNIVERSITY	MA	R01AI121401	Multiple B. burgdorferi Factors Collaborate to Evade Complement-Mediated Defenses	\$620,033
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI150546	Host Circadian Clock and Malaria	\$251,250
2020	BOSTON COLLEGE	MA	R21AI148895	Interactions between translation inhibiting antibiotics and diverse RNA regulatory mechanism in pathogenic bacteria affect drug sensitivity	\$195,625
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI150181	Control of Type I Interferon Production in Response to Candida albicans	\$733,646
2020	UNIVERSITY OF MASSACHUSETTS	MA	R33AI136007	Gonorrhea and HIV prevention with intravaginal ring drug delivery	\$480,773
2020	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI150575	Genetic and Biochemical Studies of KSHV LANA	\$706,963
2020	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$412,500
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$508,318
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$494,935
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$442,500
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$1,155,404

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2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI124982	Conformational Landscape of the HIV-1 Envelope Glycoproteins	\$683,064
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI142872	Induction of food allergen-specific neonatal tolerance through breast milk	\$518,598
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$483,676
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$442,500
2020	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$552,296
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$423,750
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI135720	Optimization and preclinical development of a TB Multiple Antigen Presenting System (MAPS) vaccine	\$1,067,677
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136939	Function of CD1a on Langerhans cells in skin inflammation	\$442,500
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI141002	Structural Basis of Coreceptor Recognition by HIV-1 Envelope Spike	\$525,956
2020	Trustees Of Boston University	MA	R01AI141439	Metabolic Assessment of Anti-Microbial Susceptibility within One Cell Cycle	\$590,895
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI138800	Microchip for HBV testing using HIV-infected blood samples	\$506,768
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI139669	Novel Roles of IgE Glycosylation in Anaphylaxis	\$497,200
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R03AI140048	Repair of Incorporated Ganciclovir During Drug-Resistant Human Cytomegalovirus Replication	\$84,750
2020	NORTHEASTERN UNIVERSITY	MA	R21AI140212	Development of Streptothricin Class Antimicrobials as Novel Therapeutics	\$248,169
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI139538	Elucidating Germinal Center-Mediated Antibody Evolution	\$610,560
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI125603	T regulatory cell subsets at the microbial interface: determinism and function	\$423,750
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI142415	High Quality Long Term Preservation of Sporozoites via Deep Supercooling	\$210,000
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI147884	Structure of HIV-1 envelope spike in the context of membrane	\$531,000
2020	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R21AI152868	High-Throughput Screening for Multifunctional Nef Inhibitors: Targeting HIV through Revitalizing Immune Defense Mechanisms	\$200,600
2020	UNIVERSITY OF MASSACHUSETTS	MA	R00AI130258	Regulation of antiviral immunity at barrier surfaces by interleukin-1 family cytokines	\$249,000
2020	BOSTON COLLEGE	MA	R01AI152387	The Toxoplasma basal complex in cell division	\$516,686
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI152522	Neutrophil plasticity in autoimmune disease	\$648,409
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI151827	Dissecting the mechanism of cyclophosphamide-enhanced antibody efficacy	\$222,888

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2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116550	Characterization of the myddosome, a protein complex that controls TLR signaling	\$442,500
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$518,372
2020	Trustees Of Boston University	MA	R01AI151051	Biophysical and functional characterization of immune-related regulatory elements and noncoding variants	\$570,490
2020	BOSTON COLLEGE	MA	R21AI150090	Dissecting transcriptional mechanisms underlying Toxoplasma stage transition through in vitro evolution	\$247,367
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$533,176
2020	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$769,698
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI123286	Tuberculosis and T cell Recognition	\$687,018
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121066	Innate control of the inflammatory process during fungal infections	\$442,500
2020	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI130392	Carbohydrate Public Good Interactions in Healthy and Dysbiotic Bacteroidales Communities	\$191,970
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126880	Regulation of CNS Autoimmunity	\$412,750
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U19AI131135	3D Models of Engineered Human iPS Cells to Investigate Neurotropic Virus Infections	\$1,716,267
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127768	MMP13 expression and function in allergic inflammation	\$407,286
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134857	Molecular and Metabolic inter-kingdom actions of a bacterial quorum sensing signal in promotion of host tolerance/resilience.	\$669,269
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127869	HLA-DO / H2-O: modulation of MHC-II peptide diversity and Treg population control	\$541,182
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138353	Identification of Adipose Tissue Factors that Induce Regulatory iNKT Cells	\$33,208
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI137337	Metabolic Network Remodeling in Epstein-Barr Virus Lymphomagenesis	\$447,500
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI135052	The Role of Canonical and Non-canonical Autophagy in B Cell Immunity	\$458,604
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI138863	Using agent-based modeling to estimate the effectiveness of the Miami Getting to Zero HIV campaign	\$127,683
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI130548	Developing Tolerization Therapies from a New T-cell Based Mouse Model of Neuromyelitis Optica	\$396,200
2020	TUFTS UNIVERSITY	MA	R01AI137358	Molecular Mechanism of Action of the Influenza PA-X Host Shutoff Protein	\$394,212
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138384	Mechanisms of itch and neural regulation of inflammation in S. aureus infection	\$33,245
2020	MICROBIOTIX, INC	MA	R44AI100339	Novel Plasmodial Surface Anion Channel Inhibitors as Antimalarial Drugs	\$991,947

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2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI141386	Cell-based high-throughput chemical genetic screening for GSDMD inhibitors	\$442,500
2020	ARIETIS CORPORATION	MA	R01AI141193	Development of ureadepsipetides for drug-resistant infections	\$1,235,145
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI141189	Compounds that block a novel Candida albicans target	\$220,352
2020	BRANDEIS UNIVERSITY	MA	R21AI138048	Opportunities for multi-target drug discovery in tuberculosis	\$242,770
2020	BETH ISRAEL HOSPITAL	MA	R03AI144196	Targeted modification of the apramycin 2-deoxystreptamine ring to block aminoglycoside modifying enzyme-based inactivation and enhance potency against multidrug-resistant Gram-negative pathogens	\$82,117
2020	KEPHERA DIAGNOSTICS, LLC	MA	R43AI142903	Hybrid ELISA: Simple and specific one-tier assay for Lyme disease	\$299,829
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI145097	Mechanisms by which TLR9-deficiency and FasL Promote Cutaneous Lupus	\$209,375
2020	NORTHEASTERN UNIVERSITY	MA	R01AI144464	Orally Bioavailable 4(1H)-Quinolones with Multi-Stage Antimalarial Activity	\$713,835
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI146515	A signaling pathway governing growth and antibiotic sensitivity in Pseudomonas aeruginosa	\$221,250
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI147869	Role of cell polarity regulators in HIV spreading	\$532,811
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI148752	Discovery and characterization of new bacterial cell wall targets and inhibitors to treat resistant infections	\$767,231
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI150709	CONTROL AND ACTIVATION OF THE TUMOR NECROSIS FACTOR RECEPTORS	\$821,630
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R13AI150097	Photonic Diagnosis, Monitoring, Prevention, and Treatment of Infectious Diseases	\$5,000
2020	Trustees Of Boston University	MA	R21AI147168	Mechanisms of improved organ function following sepsis treatment with vitamin c, thiamine and hydrocortisone (triple therapy)	\$247,500
2020	Lyndra Therapeutics, Inc.	MA	R44AI149979	A Once-Weekly Oral Tacrolimus-Prednisone Fixed-Dose Combination Therapy for Post-Transplant Maintenance Immunosuppressive Therapy	\$1,000,000
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI147950	TB-induced immunity in HIV-infected and uninfected individuals	\$566,990
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134842	The novel role of the immunoproteasome subunit LMP7 in allo-immunity and T cell exhaustion	\$373,871
2020	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI149694	Systematic discovery, characterization, and design of novel genome editing and delivery tools using a high-throughput metagenomic screening pipeline	\$188,250
2020	TUFTS UNIVERSITY	MA	R01AI150684	Lesion-centric optimization of multidrug therapies for tuberculosis	\$869,259
2020	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI144369	Control of parasite invasion by a microneme protein complex conserved in Apicomplexans	\$487,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	TUFTS UNIVERSITY	MA	R01AI152337	Defining the Role of Alternative Polyadenylation in Macrophage Differentiation and Function	\$577,311
2020	CHILDREN'S HOSPITAL CORPORATION	MA	U24AI152179	High-throughput proteomics using submicroliter amounts of plasma for comprehensive assessment of the immune status	\$1,178,245
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$508,916
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$499,291
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI042347	Molecular Biology and Virulence of CTX Phage	\$518,377
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$835,666
2020	NORTHEASTERN UNIVERSITY	MA	R01AI141966	A general mechanism of persister formation	\$682,044
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$8,234,792
2020	TUFTS UNIVERSITY	MA	R01AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$448,189
2020	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$189,266
2020	TUFTS UNIVERSITY	MA	R01AI122232	Spore Assembly in Clostridium Difficile	\$408,675
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI126915	Immunological and Microbial Mechanisms in Food Allergy	\$523,250
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$434,750
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI123265	Granulysin, Granzymes and Perforin in Bacterial Immune Defense	\$442,500
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI149932	Investigating Cell-Wall Synthesis in Mycobacterium abscessus	\$50,520
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI125631	The Clinical and Economic Impact of Penicillin Allergy	\$137,160
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127853	MICRORNA CONTROL OF INFLAMMATORY AND REGULATORY T CELLS IN CENTRAL NERVOUS SYSTEM AUTOIMMUNITY	\$439,410
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124378	CDRH3-independent B cell stimulation to selectively expand VRC01 lineages from a fully humanized immunoglobulin repertoire	\$535,368
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI121285	Studies of IGHV Germline Gene Polymorphism, Utilization & Shifting for Seasonal Influenza Vaccine Induced Broadly Neutralizing Antibody Responses	\$688,901
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	K24AI131928	Addressing Major HIV Prevention and Health Outcomes Questions in an Era of Universal ART: Mentoring in a Community-Randomized Trial	\$188,938
2020	Lyndra Therapeutics, Inc.	MA	R01AI131416	Development of Ultra Long-Acting Oral HIV Therapies	\$1,272,821
2020	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$1,652,644
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$2,373,615

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2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127507	Nasal microRNA during bronchiolitis and age 6y asthma phenotypes: MARC-35 cohort	\$1,614,629
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI142343	Novel Nutrient-sensing Pathway Suppresses Pathologic Tissue Remodeling	\$211,875
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI136750	Interrogating mechanisms of HIV pathogenesis in the humanized BLT mouse model	\$71,430
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138448	A Non-Canonical Translation Mechanism for Vesicular Stomatitis Virus	\$33,245
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI138318	Therapy of acute radiation syndrome and its complications by mesenchymal stromal cells conditioned with Toll-like receptor 9 agonists	\$582,260
2020	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI139011	Release of Extracellular DNA during Biofilm Formation in Staphylococcus aureus	\$630,172
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI142231	Suppression of the type I IFN gene signature by the long non-coding RNA-Lucat-1	\$209,375
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134989	Type 2 Immunity Elicited Through an LTE4/GPR99-Dependent Pathway	\$596,121
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI137840	Zika Virus in Pregnancy in Nigeria	\$181,350
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI138856	HIV Infection, Placental Inflammation, and Early Childhood Outcomes in HIV-exposed, Uninfected Infants in Uganda	\$198,543
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI142670	Immune correlates of tuberculosis and non-tuberculosis infectious morbidity in Southern African HIV-exposed, uninfected infants.	\$636,736
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI145537	A urine tenofovir immunoassay to distinguish adherence versus resistance-based HIV treatment failure	\$211,468
2020	TUFTS UNIVERSITY	MA	R21AI147176	Regulation of human papillomavirus pathogenesis by long non-coding RNAs	\$202,350
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI147099	Defining the molecular mechanism of Aire in T-cell tolerance	\$221,250
2020	KEPHERA DIAGNOSTICS, LLC	MA	R43AI149903	Rapid Point-of-Care Assay for Diagnosis of Neurocysticercosis in Seizure Patients	\$299,998
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI142249	Mechanisms of type I IFN enhanced gonococcal infection	\$251,250
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI146248	Liver Xenotransplantation using CRISPR-modified Porcine Organs	\$771,875
2020	Trustees Of Boston University	MA	R21AI151486	Mechanisms of immune dysregulation due to NFKB1 mutation in common variable immunodeficiency	\$247,500
2020	MICROBIOTIX, INC	MA	R43AI149822	Discovery of Enterovirus D68 2A protease inhibitors for antiviral therapy	\$300,000
2020	TUFTS UNIVERSITY	MA	R01AI143611	Single-cell factors of tuberculosis drug tolerance during adaptation to environmental stressors	\$700,050

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2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI143225	Innate T cells learn to find their activating ligands in the skin during their thymic education using cholesterol byproducts	\$209,375
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI150686	Treg cell diversity and homeostatic control	\$512,512
2020	NEUTROLIS, INC.	MA	R43AI152955	Genetic profiling of SLE patients with impaired NET degradation.	\$251,744
2020	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI152675	Antibiotic discovery from a new genus of uncultured bacteria.	\$299,505
2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$597,511
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$643,021
2020	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$588,594
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$535,507
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI121491	Humoral mechanisms of tolerance in peanut oral immunotherapy	\$197,208
2020	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillance	\$1,876,314
2020	CHILDREN'S HOSPITAL CORPORATION	MA	U19AI118608	Systems Biology to Identify Biomarkers of Neonatal Vaccine Immunogenicity	\$2,057,593
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132963	Novel humanized mouse model developed from cord blood CD34 positive HSC and autologous iPS cell derived thymus	\$782,684
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI128358	Regulation of Lupus by Cytosolic DNA Sensors	\$535,551
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121248	Modulation of Chronic Th2 inflammation by the CCR8 Receptor-Ligand Pathway	\$416,850
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$409,860
2020	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	Regulation of the follicular T-cell response to autoimmunity	\$430,499
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI136431	Elucidating novel mechanisms controlling cell envelope biogenesis in Streptococcus Pneumoniae	\$69,306
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K24AI131924	Expansion of research and mentoring to improve birth outcomes and treatment outcomes among HIV-affected children in Botswana	\$179,065
2020	BETH ISRAEL HOSPITAL	MA	K08AI132716	Antimicrobial Synergy for Carbapenem-Resistant Enterobacteriaceae	\$179,928
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI132445	Molecular biology of trichomonasviruses	\$418,388
2020	UNIVERSITY OF MASSACHUSETTS	MA	R01AI143976	TCR signaling control of thymic Treg selection and immune homeostasis	\$598,876
2020	BETH ISRAEL HOSPITAL	MA	R21AI137751	Potential role of heterochromatin protein 1? in the control of FOXP3 stability and expression in induced CD4+ regulatory T cells	\$262,500

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2020	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121386	Targeting Innate Immunity in Staphylococcal Infection	\$442,500
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI139083	Cell surface biogenesis in Streptococcus pneumoniae	\$430,086
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI128360	Dissecting the means by which type 3 substrates are defined & secreted	\$510,186
2020	BROAD INSTITUTE INC	MA	R21AI141080	Discovering novel antifungal agents via multi-species profiling of a structurally and stereochemically diverse, well-validated compound library	\$212,512
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K08AI139361	Social Epidemiology of Ebola Virus Disease	\$187,920
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI144748	Spatial organization of mycobacterial cell wall biosynthesis	\$230,935
2020	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI136137	Preclinical development of Novo29, a new antibiotic	\$987,424
2020	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136922	Focusing the vaccine-elicited T cell response on the recognition of Mtb-infected cells	\$209,375
2020	DANA-FARBER CANCER INSTITUTE	MA	R33AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$507,917
2020	BRANDEIS UNIVERSITY	MA	R01AI090745	Glycoantigen evolution targeting antibodies of the PGT 128 lineage	\$587,087
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$515,835
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI146779	Epitope focusing by molecular grafting of subdominant epitopes to achieve a universal-influenza vaccine	\$150,398
2020	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI124284	Dissecting the mechanism of age-specific adjuvant synergy in vitro and in vivo	\$537,172
2020	Trustees Of Boston University	MA	R21AI149040	Development of a semi-quantitative ligation-based assay for Hepatitis B	\$247,500
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI141843	Malaria Genomic Epidemiology for Identifying Sources of Malaria Infection and Transmission	\$199,375
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI150002	Cell envelope synthesis and antibiotic resistance in Staphylococcus aureus	\$65,310
2020	NORTHEASTERN UNIVERSITY	MA	R01AI149612	Antibiotic discovery from environmental microorganisms of Brazil	\$157,000
2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144716	Designer probiotics for prevention of cholera	\$210,000
2020	TUFTS UNIVERSITY	MA	R21AI146467	Effect of Shiga toxin, OMVs, and innate immune cells on epithelial integrity of human colonoids during EHEC infection	\$212,398
2020	TUFTS UNIVERSITY	MA	R21AI144521	Micro-engineered capsules for spatial sampling of microbiome in vivo	\$196,112
2020	UNIVERSITY OF MASSACHUSETTS	MA	R03AI151547	Screening antibodies for paper-based zika and dengue assays using microfluidic resistive pulse sensing	\$76,250
2020	BETH ISRAEL HOSPITAL	MA	R21AI145678	Natural killer cell receptor-expressing B cells as regulators of mucosal immunity in SIV infection	\$210,000
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI150347	Rifabutin pharmacokinetics and safety among HIV/TB coinfecting infants receiving lopinavir	\$160,625

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2020	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI040618	Lung-Resident Memory Th2 cells in Asthma - New Therapeutic Targets	\$482,845
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI144166	Role of Tim-3:Bat-3 pathway in inducing tolerogenic DCs and peripheral tolerance	\$434,860
2020	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI151953	The pathogenic role of miR-92a in the regulation of T helper cell responses in EAE and MS	\$422,220
2020	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI143723	Proline homeostasis: a novel mediator of drug tolerance in Plasmodium falciparum	\$657,600
2020	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI152033	Genetic and microbial modifiers of Atopic Dermatitis (AD): Mechanisms of increased AD severity in patients with the R576 polymorphism in IL-4Ra and impact of S aureus skin decolonization on AD	\$530,679
2020	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI146095	Strengthening evidence on optimal multidrug-resistant tuberculosis treatment regimens through improved epidemiologic methods	\$736,085
2020	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$125,285
2020	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$1,413,732
2020	SANARIA INC	MD	R44AI088853	Cryopreservation of Anopheles Embryos	\$999,997
2020	JOHNS HOPKINS UNIVERSITY	MD	K23AI127935	The Use of MALDI TOF for the Rapid Detection of Carbapenemases from Clinical Isolates	\$183,430
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125841	Serological assays to predict Shigella vaccine efficacy	\$542,758
2020	UNIVERSITY OF MARYLAND	MD	F31AI140592	Functional analysis of a Group A streptococcal locus important for fitness in soft tissue	\$37,119
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI141532	Aedes antiviral RNAi pathway	\$769,222
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI120733	The Impact of HCV Infection on Bone Turnover, Density, and Strength	\$698,944
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI127644	Dysregulated sensing of invertebrate tropomyosin through dectin-1 confers susceptibility to type-2-mediated allergic diseases	\$409,375
2020	JOHNS HOPKINS UNIVERSITY	MD	UM1AI130838	Clinical Research Unit: Johns Hopkins University	\$235,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$405,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI120938	Unlocking the Potential of HIV-Infected Deceased Donors for Organ Transplantation	\$750,962
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI141576	Mathematical modeling to optimize rotavirus vaccination in sub-Saharan Africa	\$129,939
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI144997	Next-generation extracellular vesicle biologics to target central nervous system and peripheral reservoirs of HIV	\$805,578
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI137720	A strategy to treat M. abscessus infections	\$245,625
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI146633	Mapping the genes that predispose to murine lupus	\$228,744

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2020	JOHNS HOPKINS UNIVERSITY	MD	K24AI144954	Patient Oriented Research in Solid Organ Transplantation	\$191,195
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI151485	Age-related skewing of angiotensin II signaling potentiates B. pertussis-induced pulmonary hypertension	\$231,750
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI152078	Conjugate vaccines for prevention and treatment of cryptococcosis	\$742,433
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI147699	Cryptococcal Exploitation of the Blood-Brain Barrier	\$245,625
2020	MEDIGEN INC	MD	R43AI152717	Novel Chikungunya vaccine with rearranged genome	\$120,759
2020	ACCELEVIR DIAGNOSTICS, LLC	MD	U24AI143502	Centralized Resource to Accurately Quantify Latent and Expressed HIV Reservoirs	\$749,993
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$521,301
2020	JOHNS HOPKINS UNIVERSITY	MD	R37AI060040	Antigen Processing in the Secretory Pathway	\$470,360
2020	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$634,665
2020	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI126587	Evolution of anti-filovirus B cell responses and mechanisms of protection	\$738,574
2020	UNIVERSITY OF MARYLAND	MD	R01AI131905	In vivo mechanisms of brain invasion by Cryptococcus neoformans	\$377,875
2020	PATHOVAX, LLC	MD	R44AI136236	Papillomavirus-like Particles (VLP) as Broad Spectrum Human Papillomavirus (HPV) Vaccines	\$873,677
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136400	Host-Microbe Interactions and Incident Infection	\$69,306
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI137329	Development of novel penems for drug-resistant tuberculosis	\$773,080
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI137046	E3 ligase mediated control of Foxp3 expression and immune suppression-mechanisms and potential as immunotherapeutic target	\$413,515
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI140854	Statistical methods for characterizing patients who highly-benefit from treatments and programs in Alzheimers, HIV, and other heterogeneous diseases	\$444,542
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI143731	The Role of Nrf2 in Stabilizing the Epithelial Barrier in Particulate Matter Induced Rhinosinusitis	\$409,375
2020	UNIVERSITY OF MARYLAND	MD	R01AI139492	Molecular mechanisms of host cell escape by Mycobacterium tuberculosis	\$656,965
2020	SANARIA INC	MD	R43AI143077	Genetically Modified Conditional Sexing A. stephensi Line for PfSPZ Manufacture	\$297,557
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI140326	Evolution of Adaptive Immunity	\$386,250
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI147870	Engineering of pan-neutralizing anti-HIV envelope antibodies	\$610,897
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI146853	Host and Parasite Transcriptional Changes Associated with Immunity to Clinical Malaria in Malian Children	\$193,125

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2020	JOHNS HOPKINS UNIVERSITY	MD	F32AI150561	Mechanism of Transcriptional Downregulation of HIV Gene Expression by U/A Base Pairs in Proviral DNA	\$64,554
2020	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI149816	Development of Intact Proviral DNA Assays for SIV and SHIV	\$300,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI148049	Human Genetic determinants of HBV recovery	\$788,585
2020	J CRAIG VENTER INSTITUTE INC	MD	R21AI149448	Development of FRESH (Fast Rescue Employing Self-Helper virus) - a rapid, generalizable method to rescue infectious virus from noninfectious genomic material	\$243,750
2020	UNIVERSITY OF MARYLAND	MD	R21AI145238	Contribution of the Putative ScfCDE Importer to the Pathophysiology of Group A Streptococcal Disease	\$231,750
2020	J CRAIG VENTER INSTITUTE INC	MD	R21AI151730	A study of antibiotics usage on early gut microbiome colonization and establishment in young children	\$330,390
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI148710	Therapeutic vaccination to augment stringent response-specific T-cell immunity to MTB persisters	\$732,434
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI151750	Integrating human mobility and pathogen genomics to understand dengue dynamics	\$270,292
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI146338	Using the Mycobacterium tuberculosis Genome to Predict Tuberculosis Pathology, Drug Resistance Acquisition and Identify Community Transmission Sites	\$722,155
2020	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$403,642
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI136756	Next Generation Broadly Neutralizing Antibodies to Clear HIV-1 Reservoir	\$778,402
2020	JOHNS HOPKINS UNIVERSITY	MD	K01AI125086	Revealing women's hidden role as critical components of HIV transmission networks in Rakai, Uganda: an interdisciplinary approach	\$127,678
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125579	Identification and validation of molecular markers of piperazine resistance	\$289,689
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI130210	Immune Surveillance of Antigen Processing Pathway	\$558,198
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125215	Targeting TLR Signaling Pathways to Blunt Pathogen-mediated Acute Lung Injury	\$586,149
2020	JOHNS HOPKINS UNIVERSITY	MD	K08AI127908	Translational modeling of individual- and population-level outcomes of novel tuberculosis drug regimens	\$194,681
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI141859	Comprehensive Characterization of Intestinal Parasites in Infants and Their Impact on Diarrhea	\$193,125
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134886	Mechanistic characterization and regulation of the non-redundant phu and has heme uptake systems of Pseudomonas aeruginosa	\$383,289
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI125534	Determinants of apicoplast maintenance in malaria parasites	\$405,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI138714	Neutral lipid metabolism during Toxoplasma infection	\$409,375
2020	JOHNS HOPKINS UNIVERSITY	MD	K01AI138853	Projecting the Epidemiologic and Economic Impact of HIV Prevention Efforts in the Context of Other Sexually Transmitted Infections	\$118,138

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2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI141961	Role of the enterococcal site 2 protease in biofilm formation, adaptation, and host-pathogen interactions	\$371,937
2020	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI136143	ISTAb- A novel therapy to target staphylococcal toxins at the site of infections	\$300,000
2020	SIGMOVIR BIOSYSTEMS INC	MD	R44AI109926	Development of VLP vaccine for RSV	\$1,000,000
2020	UNIVERSITY OF MARYLAND	MD	R01AI146063	FcRn-Targeted Mucosal Vaccination Against Influenza Infections	\$535,877
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI146398	Bacteriophage modulation of mosquito microbiota	\$204,688
2020	JOHNS HOPKINS UNIVERSITY	MD	K23AI139343	Clinical Pharmacology of Malaria Control and Elimination: Pharmacodynamics ofArtemisinin-based Combination Agents and their Barriers to Drug Resistance	\$198,400
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI144373	Stress-induced cell death mechanisms of fungi	\$245,625
2020	JOHNS HOPKINS UNIVERSITY	MD	K23AI143965	Using BTK Inhibitors to Prevent Anaphylactic Drug Reactions	\$195,587
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI145435	Preclinical modeling to study Tuberculous Meningitis	\$836,718
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116523	Ubiquitylation and Rickettsial Colonization of a Tick Vector	\$540,750
2020	Fina Biosolutions LLC	MD	R43AI148018	Genetically detoxified tetanus toxin for use in vaccines	\$289,089
2020	NOVEL MICRODEVICES LLC	MD	R44AI136161	Low Cost, Rapid Molecular Diagnostic for Chlamydia and Gonorrhea at the Point-of-Care	\$983,767
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI146687	Engineering Specific Regulatory T Cells to Treat Allergy	\$228,744
2020	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$483,957
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$796,104
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI127405	Molecular mechanisms of Plasmodium fertilization	\$409,375
2020	JOHNS HOPKINS UNIVERSITY	MD	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$197,017
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI137719	Site-specific DNA recombinase and A/E pathogen virulence	\$204,688
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI128781	Developmental Pharmacology of Antiretroviral Metabolism in Mucosal Tissues	\$342,560
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI143932	Are all sporozoites equal? Analyses of transcriptomes from individual Plasmodium sporozoites using single cell RNA-seq	\$193,125
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI128779	Penile Microbiome, Inflammation and HIV Susceptibility During Sexual Debut and Maturation Among Male Adolescents	\$527,280
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141372	Age-dependent role of type I interferon in Bordetella pertussis pathogenesis	\$36,289

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	UNIVERSITY OF MARYLAND	MD	F31AI143204	Intra-Lymph Node Delivery of Tolerogenic Microparticles for Modulating Disease in a Model of Multiple Sclerosis	\$34,861
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI145675	Improving PrEP protection of transgender women through mechanistic pharmacokinetic understanding	\$567,621
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI142725	Active Vaccination and Passive Antibody Strategies to Prevent Disease Caused by Multidrug-Resistant Bacterial Pathogens	\$2,500,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R03AI146632	Synthetic Genomics Approach to Assemble Infectious Clones of KSHV	\$89,551
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI146450	Molecular Architecture of the Mosquito Carbon Dioxide Receptor Complex	\$245,625
2020	PROFECTUS BIOSCIENCES INC	MD	R03AI141031	Sonoporation as a novel delivery platform for an HIV DNA vaccine	\$69,471
2020	UNIVERSITY OF MARYLAND	MD	R21AI142396	Identification of Mycobacterium tuberculosis genes that mediate inhibition of the host cell IFN-beta signaling	\$227,842
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UM1AI148689	Implementing Vaccine and Treatment Evaluation Unit (VTEU) clinical site protocols	\$934,165
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI152688	Targeted cell-depleting immunotherapy for TB and HIV	\$672,796
2020	Asell, Llc	MD	U01AI148316	Research and Development of a Hand-held, Rapid, Point-of-Care Radiation Biodosimetry Triage Device and Integration of Soluble and Cell-surface Radiation Injury Biomarker Assays	\$388,936
2020	UNIVERSITY OF MARYLAND	MD	R21AI149180	Rhinovirus C Infection in Normal and Asthmatic Human Airway Epithelium at Single Cell Resolution	\$256,674
2020	SCANOGEN INC	MD	R44AI124871	Bloodstream infection detection directly on whole blood	\$1,000,000
2020	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI146177	Protective versus deleterious immune responses that impact vaccine efficacy against Staphylococcus aureus bloodstream infection	\$743,809
2020	UNIVERSITY OF MARYLAND	MD	R01AI110740	Catheter associated urinary tract infection by Pseudomonas aeruginosa	\$339,964
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI148143	Mechanisms of Control of Lymphocyte Activation and Proliferation by a Critical Signaling Integrator	\$410,924
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI152051	PGE2 Receptor Suppression of cGAS/STING Responses in anti-tumor immunity	\$231,750
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$708,682
2020	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,418,082
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI152215	Characterization of a Lipid Receptor in Tick Humoral Immunity	\$40,146

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2020	UNIVERSITY OF MARYLAND	MD	R21AI142050	Novel Biomolecular and Biophysical Mechanisms of Influenza Virus Infection	\$186,812
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI123422	Epidemiology and Ecology of Cholera in Africa	\$672,000
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI143845	IL-4-activated macrophages: Contribution to allergic lung inflammation linked to viral infection	\$610,630
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI144983	Sustained HIV Remission via Sequence-Specific Epigenetic Silencing of Latent Proviruses	\$847,711
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI144180	The Gonorrhea Vaccine Cooperative Research Center	\$2,154,189
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI143333	Hard-to-Reach Populations: Implications for Ending the AIDS Epidemic	\$578,183
2020	JOHNS HOPKINS UNIVERSITY	MD	K24AI150349	Mentoring Investigators in HIV and Tuberculosis Therapeutics Research	\$181,331
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI151353	Development of a single-cell antibody cloning protocol for isolation of hepatitis C virus-specific broadly neutralizing antibodies	\$245,625
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI149760	Measuring Intralesional Bedaquiline Exposures in Cavitory TB Using Noninvasive In Vivo PET Imaging	\$245,625
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$318,845
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$653,763
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI121072	Biosynthesis of Beta Lactam Antibiotics	\$483,822
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI119012	Lubricant Use and the Vaginal Microbiome	\$648,397
2020	JOHNS HOPKINS UNIVERSITY	MD	K08AI143391	The HIV Latent Reservoir, Suboptimal Immune Response on Antiretroviral Therapy, and Exogenous Cytokine Therapies	\$198,720
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI127469	Molecular and structural characterization of broadly neutralizing anti-HCV antibodies	\$709,381
2020	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,072,983
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI123931	Characterizing the Spatial Temporal Dynamics and Human Health Risks of Vibrio parahaemolyticus Bacteria in Estuarine Environments	\$545,940
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123371	Macrophage differentiation and disease outcome in influenza infection	\$542,926
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI135941	Targeting HIV reservoirs in children with HIVIS DNA and MVA-CMDR vaccines	\$649,602
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141900	Genome-wide sieve analysis and immunological validation to identify targets of protective efficacy in field trials of a whole-organism malaria vaccine	\$896,593
2020	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI145480	Mining natively paired macque antibodies for Marburg virus protective antibodies	\$300,000

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2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,600,000
2020	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R01AI150498	NMR Studies of Retroviral Nucleic Acid Binding Proteins	\$701,302
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI147627	Plasmodium falciparum gametocytogenesis in vitro and in vivo	\$534,085
2020	EXBAQ LLC	MD	R41AI145759	Multivalent Adjuvant Immunization to Prevent Hospital Acquired Infections	\$300,000
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI147598	Autoimmunity to LINE-1-encoded antigens in SLE pathogenesis	\$245,625
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI145211	Mechanisms of sustained anti-neuroinflammatory actions of (2R, 6R)-hydroxynorketamine (HNK)	\$231,750
2020	SANARIA INC	MD	R43AI149927	A genetically modified Plasmodium falciparum sporozoite vaccine attenuated at the late-liver stage.	\$300,000
2020	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$12,597,875
2020	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$781,044
2020	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$1,854,492
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$92,512
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI143610	PpiA, a multitasking mycobacterial virulence protein	\$204,688
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI137272	A "Culture" Shift: Integrated Bacterial Screening and Antibacterial Susceptibility Test on Microfluidic Digital Array for Bloodstream Infections	\$721,177
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI143053	Exploratory Studies of SPPL3	\$204,688
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134696	Tick Saliva and Pathogen Transmission	\$555,415
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI113266	Closing the Gaps on Buruli Ulcer Diagnosis, Treatment, and Prevention	\$853,989
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI140035	PGLYRP4 in S1P receptor agonist-mediated attenuation of pertussis disease	\$193,125
2020	ZALGEN LABS	MD	R01AI141251	Structure-Guided Design of Broadly Neutralizing Lassa Virus BiSpecific Antibodies	\$1,198,401
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI144497	MUC1 Biotherapeutics for Pseudomonas aeruginosa Infections	\$231,750
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI140855	USP7 targeting by HHV-8 vIRFs	\$409,375
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI142501	Novel mechanism of mecA expression in Staphylococcus aureus	\$193,125
2020	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI142764	Advancement of Vaccines and Therapies for Henipaviruses	\$4,326,275

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2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI148270	Characterization of neutralizing antitoxins and epitopes in Clostridium difficile patients	\$386,250
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI150432	Prevent TB: Application of choice architecture to implement TB preventive therapy in South Africa	\$578,215
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI147314	MS Diagnostic Bacterial Identification Library	\$463,500
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI149321	New ACE2 activator and its prodrug as novel therapeutic reagents for inflammatory pulmonary diseases	\$484,874
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI148332	A Ring Water, Sanitation, and Hygiene Intervention to Reduce Cholera in Hotspots in Bangladesh	\$685,863
2020	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$4,491,776
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI114996	Mentoring and patient-oriented research in malaria	\$160,243
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI125720	Protein microarray antibody responses to P. falciparum in a human challenge model	\$183,004
2020	UNIVERSITY OF MARYLAND	MD	R01AI125561	Role of host protein GBF1 in organizing enterovirus replication complexes	\$373,750
2020	JOHNS HOPKINS UNIVERSITY	MD	UM2AI130836	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY	\$5,854,959
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI132590	Innate Immune Regulation of the Epithelium in Chronic Rhinosinusitis with Nasal Polyps	\$583,392
2020	JOHNS HOPKINS UNIVERSITY	MD	K24AI141580	Mentoring in prevention of hospital-acquired infections and antibiotic resistance	\$175,448
2020	JOHNS HOPKINS UNIVERSITY	MD	R01AI137365	Elucidation of genetic networks of HSV-1 virion proteins and discovery of their functions in the morphogenesis of the infectious virus particle	\$646,707
2020	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$1,610,412
2020	JOHNS HOPKINS UNIVERSITY	MD	R21AI139808	ARCHAEAL-DERIVED SELF ADJUVANTING NANOPARTICLE MALARIA VACCINE	\$202,375
2020	RISE THERAPEUTICS, LLC	MD	R43AI142975	A Novel Probiotic Engineered for Enhanced Immunological Function for Treating Inflammatory Bowel Disease	\$216,963
2020	JOHNS HOPKINS UNIVERSITY	MD	T32AI138953	Malaria and Mosquito-borne Diseases	\$294,728
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI145852	Genomic and geospatial analyses of malaria parasite migration to inform elimination	\$772,516
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI148357	Preventing norovirus and Clostridium difficile gastroenteritis by engineered probiotic yeast Saccharomyces boulardii secreting multi-specific single-domain antibodies	\$647,849
2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI151352	PGE2 Receptor Regulation of TLR4/TRIF Responses to Bacterial Infection	\$231,750

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2020	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI148081	A Phase I Randomized Clinical Trial of a Novel Mucosal Recombinant H5 Influenza Vaccine with Nanoemulsion Adjuvant Followed by Parenteral Boost of Licensed Inactivated Influenza A H5N1 Vaccine	\$769,127
2020	JACKSON LABORATORY (THE)	ME	U01AI124297	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	\$604,976
2020	JACKSON LABORATORY (THE)	ME	R01AI142086	High-resolution single cell profiling of vaccine responsiveness in the elderly	\$578,151
2020	JACKSON LABORATORY (THE)	ME	R01AI141609	lncRNA Control of Airway Epithelial Cell Responses to Type 2 Inflammation	\$615,925
2020	BATES COLLEGE	ME	R21AI141935	Using Fluorescence Nanoscopy to Study RNA Localization in Borrelia burgdorferi, the Spirochete that Causes Lyme Disease	\$138,900
2020	JACKSON LABORATORY (THE)	ME	U19AI142733	Modulation of Lung Immune Responses to Viral Infection	\$2,577,236
2020	JACKSON LABORATORY (THE)	ME	R21AI145383	Using the Collaborative Cross to Understand the Impact of a High-Fat Diet on the Adipose Tissue Invariant Natural Killer T Cell Compartment	\$212,500
2020	CENTRAL MICHIGAN UNIVERSITY	MI	R15AI117670	Chemoenzymatic Synthesis of Trehalose Analogues as Tools for Investigating Bacterial Pathogens	\$450,778
2020	Regents of the University of Michigan	MI	R01AI125307	Integrated modeling of Klebsiella pneumoniae infections based on bacterial genotype, patient factors and colonization status	\$410,599
2020	Regents of the University of Michigan	MI	R01AI121156	Innate T cell metabolism and immune diseases	\$387,500
2020	Regents of the University of Michigan	MI	R33AI127492	Rational design of CNS-permeable cathepsin L inhibitors for treatment of chronic toxoplasmosis	\$442,937
2020	Western Michigan University School of Medicine	MI	R01AI142004	Human B1-like Cells and Pneumococcal Defense in the Elderly	\$377,500
2020	TSRL, INC	MI	R41AI143098	A Novel Combination Therapy to Treat Biofilm-based Pneumonia Infections	\$270,047
2020	Regents of the University of Michigan	MI	R01AI140133	SLC9A3 regulation of esophageal dilated intercellular spaces in EoE Subtypes	\$624,468
2020	Regents of the University of Michigan	MI	R01AI141673	Understanding the role of histone 3 lysine 4 trimethylation in neonatal innate immune development under normal and inflammatory conditions	\$400,162
2020	MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	R21AI150962	Dense Phase Polyelectrolytes to Thermally Stabilize Viral Vaccines	\$201,163
2020	Regents of the University of Michigan	MI	K08AI119182	Population Dynamics of Rotavirus: A Combined Theoretical, Bioinformatic and Laboratory Based Approach	\$195,156
2020	MICHIGAN STATE UNIVERSITY	MI	R01AI121178	Improved Method for Identifying Causative Antigen in Hypersensitivity Pneumonitis	\$726,001
2020	MICHIGAN STATE UNIVERSITY	MI	R01AI116605	Mechanisms of Mycobacterium Tuberculosis pH-driven Adaptation	\$379,939

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2020	Regents of the University of Michigan	MI	R21AI142047	Periodontitis and extra-oral mucosal inflammation	\$195,000
2020	Regents of the University of Michigan	MI	R21AI138180	Relationship between the ontogeny of immunosuppression and increased susceptibility to infection during infancy	\$234,000
2020	Regents of the University of Michigan	MI	R21AI141835	Human astrovirus infection of human intestinal enteroids	\$240,579
2020	Regents of the University of Michigan	MI	R21AI141832	Mutation rates and transmission dynamics of influenza B virus	\$195,000
2020	Regents of the University of Michigan	MI	R21AI143276	Cell-specific restriction of influenza A virus assembly	\$227,440
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI146504	Mechanisms of MHCII expression and CD4+ T cell activation during Chlamydia trachomatis infection	\$191,907
2020	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,646,933
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI142517	Examining host-derived glutathione as a sulfur source for Staphylococcus aureus during infection	\$193,750
2020	Regents of the University of Michigan	MI	R21AI148767	Genetic variation of the Serratia marcescens capsule polysaccharide locus and its contribution to bloodstream infection	\$195,000
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI148909	Development of new M. tuberculosis MmpL3 inhibitors	\$191,999
2020	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$390,000
2020	Regents of the University of Michigan	MI	R01AI121302	Homing of Functionally Distinct ILC Subsets	\$385,841
2020	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$376,250
2020	Regents of the University of Michigan	MI	R01AI123957	Calreticulin-mediated protein folding in health and disease	\$387,500
2020	Regents of the University of Michigan	MI	R37AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$387,500
2020	Regents of the University of Michigan	MI	K23AI123595	Targeting antigen cross-presentation to enhance anti-leukemic responses after allogeneic transplantation	\$196,560
2020	Regents of the University of Michigan	MI	K08AI130362	Host-Pathogen Interactions Influencing Streptococcus pyogenes Mucosal Carriage	\$165,455
2020	WAYNE STATE UNIVERSITY	MI	R21AI138089	Understanding and harnessing the functions of B cells to prevent preterm labor	\$192,500
2020	Regents of the University of Michigan	MI	R01AI143852	Dynamical modeling of hospital transmission and antibiotic resistance evolution in a multidrug resistant nosocomial pathogen	\$521,024
2020	Regents of the University of Michigan	MI	R01AI116791	Vaccine to prevent E. coli urinary tract infection	\$372,122
2020	Regents of the University of Michigan	MI	R01AI138347	Novel mechanisms of age-enhanced vasculopathy after heart transplantation	\$543,089
2020	Regents of the University of Michigan	MI	F32AI134016	Uncovering the Mechanisms Driving Seasonal Polio Incidence: A Modeling Approach Towards Endgame Strategies	\$65,310

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2020	Regents of the University of Michigan	MI	K01AI141579	Hospital-Associated Respiratory Virus Infections: Molecular Epidemiology, Clinical Outcomes, and Cost-Effectiveness of Interventions	\$106,212
2020	Regents of the University of Michigan	MI	F32AI150027	Structural and functional studies of the Legionella pneumophila dot T4SS	\$65,310
2020	Regents of the University of Michigan	MI	R01AI150897	Mechanism of gamma-secretase action during HPV infection	\$586,607
2020	Regents of the University of Michigan	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$381,175
2020	WAYNE STATE UNIVERSITY	MI	R01AI121400	A Pharmacologic Approach to Prevent Daptomycin Resistance in VRE	\$385,000
2020	Regents of the University of Michigan	MI	R01AI120607	ENDOLYSOSOMAL FUNCTION IN CHRONIC TOXOPLASMA INFECTION	\$360,475
2020	Regents of the University of Michigan	MI	R01AI123093	Predicting protective T-cell responses in Tuberculosis using a systems biology approach	\$704,080
2020	Regents of the University of Michigan	MI	R01AI130025	Role of the gender biased transcription factor VGLL3 in promoting autoimmune responses in SLE	\$400,179
2020	Regents of the University of Michigan	MI	K01AI137123	Characterizing parental beliefs to support optimization of vaccine introduction	\$96,636
2020	Regents of the University of Michigan	MI	F30AI136315	The role of secondary lymphoid organ fibroblastic cells in alloimmunity	\$42,091
2020	Regents of the University of Michigan	MI	R21AI142032	Studying cognate interactions of follicular Tregs and germinal center B cells	\$195,000
2020	WAYNE STATE UNIVERSITY	MI	R21AI144708	Mapping and Visualizing Uracils Created by AID/APOBEC Enzymes using UdgX	\$179,527
2020	MICHIGAN STATE UNIVERSITY	MI	R01AI139074	Elucidating strategies of Staphylococcus aureus nutrient sulfur acquisition during infection	\$447,725
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI144395	Uncovering the first 5'-pGpG signaling system	\$179,333
2020	Regents of the University of Michigan	MI	R01AI136977	Understanding and Improving the Effectiveness of Public Health Laboratory Networks for Infectious Diseases in Ghana	\$679,698
2020	Regents of the University of Michigan	MI	R21AI140449	Hijacking a unique subcellular structure during viral entry to cause infection	\$195,000
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI144504	Isoprenoid synthesis and allocation in Staphylococcus aureus	\$193,750
2020	MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	R15AI146982	Development of a novel and broadly applicable thermostable bacteriophage VLPs platforms for vaccine design, drug delivery, and imaging	\$436,591
2020	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	\$465,218
2020	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$390,000
2020	Regents of the University of Michigan	MI	U01AI124255	Systems biology of Clostridium difficile infection	\$1,683,467
2020	Regents of the University of Michigan	MI	R01AI118886	Fidelity, robustness, and diversity in RNA virus evolution and pathogenesis	\$388,675

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2020	WAYNE STATE UNIVERSITY	MI	R01AI127390	Mechanisms for Vibrio cholerae colonization and pathogenesis in zebrafish	\$386,000
2020	TSRL, INC	MI	R44AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza	\$971,504
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI142173	Endocrine regulation of maternal immunity in pregnancy	\$234,750
2020	Regents of the University of Michigan	MI	R01AI120997	Dynamics of Influenza Transmission in Nicaraguan Households	\$679,294
2020	Regents of the University of Michigan	MI	K08AI128006	Antimicrobial mechanisms of action zinc oxide nanoparticles	\$194,400
2020	MICHIGAN STATE UNIVERSITY	MI	U01AI126610	Treating Brain Swelling in Pediatric Cerebral Malaria	\$1,448,604
2020	HENRY FORD HEALTH SYSTEM	MI	R01AI144004	Novel Regulation and Targeting of Macrophages Metabolism in Neuroinflammatory Disorders	\$376,250
2020	Regents of the University of Michigan	MI	R21AI138177	Intestinal epithelial immunological responses and food allergen sampling	\$234,000
2020	MICHIGAN STATE UNIVERSITY	MI	R01AI147634	Defining the mechanistic basis of ATM's impact on VDJ recombination	\$387,500
2020	Regents of the University of Michigan	MI	R21AI148898	Regulation of the development of dendritic cells in barrier tissues by retinoid gradients	\$226,767
2020	MICHIGAN STATE UNIVERSITY	MI	R21AI148961	Defining resistance and tolerance mechanisms in hyper-susceptible mice during M. tuberculosis infection	\$191,999
2020	Regents of the University of Michigan	MI	R01AI150687	Targeting iron to improve outcomes in neonatal Escherichia coli sepsis	\$390,000
2020	Regents of the University of Michigan	MI	R01AI149669	Integrative Single-Cell Analysis of Transcriptome, Epigenome, and Lineage in HIV Latency and Activation	\$673,441
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	Development of Paratransgenic Ticks for Disease Control	\$553,378
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$344,233
2020	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R37AI039560	TCR signal strength in thymic selection	\$372,056
2020	MAYO CLINIC	MN	R01AI121054	Understanding measles vaccine failure (and success) in Southern India	\$748,182
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K08AI134262	Evaluating Antiretroviral Pharmacology in the Female Genital Tract to Optimize HIV Prevention	\$169,355
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI123146	The impact of pyrazinamide on metabolism in Mycobacterium tuberculosis.	\$385,000
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$462,000
2020	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$557,596
2020	MAYO CLINIC	MN	R01AI136718	Vaccine Synergy through Synchronous Delivery	\$741,448
2020	UNIVERSITY OF MINNESOTA	MN	R01AI131586	Mechanism of Lassa fever virus Z protein in immune suppression and viral virulence	\$739,394

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI144932	Protein engineered inhibitors of TNF Receptor activation: new therapeutics and new technology	\$176,342
2020	UNIVERSITY OF MINNESOTA	MN	R01AI143828	Regulation of the Immune Response to Plasmodium by IL-10 Producing Natural Killer Cells	\$464,317
2020	UNIVERSITY OF MINNESOTA	MN	R21AI151617	Viral factors promoting the release of cell-free HSV-1	\$192,500
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI144501	Overcoming Pyrazinamide Resistance with Pyrazinoate-Cephalosporin Conjugates	\$229,632
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI122742	Functional genomics analysis of colonization and persistence of Enterococcus faecalis in the gastrointestinal tract.	\$411,999
2020	MAYO CLINIC	MN	R01AI132348	Transcriptomic Signatures of Influenza Vaccine Responses	\$792,332
2020	MAYO CLINIC	MN	R01AI138965	Systems Biology of Mumps Vaccine Response	\$786,112
2020	MAYO CLINIC	MN	R21AI142702	Secondary use of EMR for residency training in asthma care and documentation	\$198,750
2020	UNIVERSITY OF MINNESOTA	MN	R01AI148669	Early Responses to Influenza A Virus Replication In Vivo	\$498,044
2020	MAYO CLINIC	MN	R21AI150649	Ureaplasma urealyticum- and Ureaplasma parvum-associated hyperammonemia	\$198,750
2020	MAYO CLINIC	MN	K23AI143882	Beta-lactam individualization for critically ill patients	\$196,663
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI151595	Theiler's virus RNA in exosomes secreted by infected microglia	\$192,500
2020	UNIVERSITY OF MINNESOTA	MN	R01AI103760	Protective CD4+ T Cells	\$467,388
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$799,830
2020	MAYO CLINIC	MN	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$397,500
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI143380	Targeting virus-specific CAR T cells to lymphoid follicles to achieve durable HIV suppression	\$725,949
2020	UNIVERSITY OF MINNESOTA	MN	R01AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$466,620
2020	UNIVERSITY OF MINNESOTA	MN	R01AI139420	Protein O-GlcNAcylation in Regulatory T Cell Function	\$445,829
2020	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R01AI140303	Gut Microbiota and Effect on Immune Suppressants in Transplantation	\$716,882
2020	UNIVERSITY OF MINNESOTA	MN	R01AI143826	Detection and Activation of CD4+ T cells with Low Affinity TCRs	\$383,226
2020	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$423,934
2020	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$752,862
2020	MAYO CLINIC	MN	R01AI147394	Balancing protective immunity and chronic sequelae by resident CD8 T cells	\$565,002
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI151427	Optimizing Zika NS5 Methyltransferase Inhibitors	\$192,500
2020	UNIVERSITY OF MINNESOTA	MN	R01AI143689	Aneuploidy and Acquired Antifungal Drug Resistance in Candida species	\$464,997

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2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI149659	Determining the mechanism of antibody-mediated parasite clearance in Plasmodium blood stage infection	\$231,000
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI118511	Phased Implementation of a Public Health Programme: Cryptococcal Screening and Treatment in South Africa	\$564,586
2020	UNIVERSITY OF MINNESOTA	MN	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	\$630,599
2020	UNIVERSITY OF MINNESOTA	MN	R01AI143784	Targeting Biotin Metabolism in Mycobacterium Tuberculosis	\$779,863
2020	UNIVERSITY OF MINNESOTA	MN	R21AI144311	Targeted Genetic Therapy for Artemis-Deficient SCID	\$229,226
2020	UNIVERSITY OF MINNESOTA	MN	R01AI136982	Discovery and development of novel anti-HCMV agents targeting the UL89 terminase protein	\$654,500
2020	UNIVERSITY OF MINNESOTA	MN	R01AI147540	Co-repressors in STAT5-dependent CD4+ T Cell Development and Function	\$484,777
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI124512	Development of Immune tolerance	\$385,000
2020	UNIVERSITY OF MINNESOTA	MN	R21AI146440	Redefining Mycobacterium tuberculosis genes essential for infection	\$231,000
2020	MAYO CLINIC	MN	R21AI151208	IMMUNE RESPONSES IN THE MOTHER-INFANT DYAD INDUCED BY FETAL SURGERY, AND ASSOCIATIONS WITH PREMATUREITY	\$198,431
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$605,013
2020	UNIVERSITY OF MINNESOTA	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$381,674
2020	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$510,764
2020	UNIVERSITY OF MINNESOTA	MN	T32AI083196	Minnesota Training Program in Virology	\$224,788
2020	MAYO CLINIC	MN	K08AI122838	Engineering an HIV-resistant immune system for HIV cure	\$196,128
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K23AI138851	Evaluation of CRAG screening with enhanced antifungal therapy for asymptomatic CRAG-positive persons	\$197,860
2020	UNIVERSITY OF MINNESOTA	MN	R01AI136445	Siderophore Inhibitors for Tuberculosis that Block Mycobactin Biosynthesis	\$761,214
2020	UNIVERSITY OF MINNESOTA	MN	R01AI134636	Impact of Cryptococcus Titan Cells on Pathogenesis.	\$502,026
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI144840	Engineered Systems for Conditional and Temporal Gene Manipulation in Primary Lymphohematopoietic Cells	\$77,000
2020	UNIVERSITY OF MINNESOTA	MN	R01AI145147	Regulation of T cell responses by P2RX7	\$550,688
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI146031	The role of natural killer cells and antibodies in protection from malaria	\$548,492
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI147912	Investigation of persistent HIV immune stimulation in lymphoid tissues during therapy as a cause of sustained immune activation	\$747,348
2020	MAYO CLINIC	MN	R01AI120949	Mechanisms Regulating Human NK Cell Cytotoxicity	\$397,500

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2020	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	K01AI130409	Genetic Variants Associated with Tacrolimus Metabolism in Kidney Transplant Recipients	\$125,410
2020	MAYO CLINIC	MN	R21AI135858	ST8Sia6 protects against the immune response	\$198,750
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI141981	The effect of inflammation and damage to lymph node structures on durable protective immunity following vaccination	\$604,933
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI136780	Extended follow-up of randomized participants in the INSIGHT START trial	\$4,518,021
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI146009	Engineered B Cells as a Universal Platform for the Treatment of Enzymopathies	\$385,000
2020	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI150351	Molecular Determinants of Retroviral Capsid Morphology using a Novel Imaging Approach	\$69,810
2020	UNIVERSITY OF MINNESOTA	MN	R21AI149395	Functions of CD177 as a novel IgG Fc receptor	\$231,000
2020	MAYO CLINIC	MN	R21AI144721	Neonatal immune response to gut originating pathogens	\$238,500
2020	WASHINGTON UNIVERSITY	MO	R01AI130454	Mechanisms of Innate Immune Evasion by Mycobacterium Tuberculosis	\$544,535
2020	WASHINGTON UNIVERSITY	MO	R01AI130278	Immunomodulatory Effects of Heterochiral Biomaterials	\$352,619
2020	WASHINGTON UNIVERSITY	MO	K08AI135097	INTESTINAL MICROBIAL REGULATION OF ANTIVIRAL IMMUNITY	\$175,606
2020	WASHINGTON UNIVERSITY	MO	K08AI132745	CHARACTERIZATION OF ASTROVIRUS VA1, A NOVEL NEUROTROPIC VIRUS	\$161,774
2020	WASHINGTON UNIVERSITY	MO	R01AI134967	DEFINING NOVEL, EVOLUTIONARILY CONSERVED HOST FACTORS CRITICAL FOR VIRUS INFECTION.	\$393,541
2020	WASHINGTON UNIVERSITY	MO	R21AI142723	HUMAN VARIANT IN CoQ BIOSYNTHESIS IMPAIRS LUNG IMMUNITY IN ACUTE PNEUMONIA	\$196,459
2020	WASHINGTON UNIVERSITY	MO	R01AI139540	Strength of TCR:self-pMHC interactions in the periphery instructs CD4+ T help cell responses	\$470,038
2020	WASHINGTON UNIVERSITY	MO	R21AI137223	TARGETING COMPLEMENT TO GRAM-NEGATIVE BACTERIA WITH ANTIBODY: PROPERDIN CONJUGATES	\$196,614
2020	SAINT LOUIS UNIVERSITY	MO	R01AI148362	HBV RNaseH inhibitors: Effects on HBV biology and resistance development	\$371,540
2020	WASHINGTON UNIVERSITY	MO	R21AI149309	Secretory proteins of Cryptosporidium parvum	\$249,764
2020	WASHINGTON UNIVERSITY	MO	R01AI144161	Population genomics and new tools for the endgame of onchocerciasis elimination in Africa	\$709,484
2020	WASHINGTON UNIVERSITY	MO	R21AI151873	Outer Membrane Vesicles in Human Gut Bacteria	\$236,063
2020	WASHINGTON UNIVERSITY	MO	F31AI138393	Defining and Modulating the Quality of a CD4+ T 'Helper' Cell Response	\$31,438
2020	WASHINGTON UNIVERSITY	MO	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$560,736

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2020	WASHINGTON UNIVERSITY	MO	R01AI138447	Plasmeprin X function in Plasmodium	\$381,250
2020	WASHINGTON UNIVERSITY	MO	R37AI049653	DIFFERENTIATION AND FUNCTION OF MONOCYTES AND MACROPHAGES	\$440,004
2020	WASHINGTON UNIVERSITY	MO	R01AI128845	LIVER TISSUE-RESIDENT NATURAL KILLER CELLS	\$190,846
2020	WASHINGTON UNIVERSITY	MO	K23AI137321	Longitudinal Analysis of the Fecal Microbiome and Resistome of Patients with Multidrug-Resistant Urinary Tract Infections and Predictors of Recurrence	\$168,741
2020	INTACT GENOMICS INC	MO	R44AI140943	Rapid discovery of thousands of intact biosynthetic gene pathways for bioactive natural product compounds from un-sequenced filamentous fungi using a novel FAC-NGS tool	\$1,000,000
2020	WASHINGTON UNIVERSITY	MO	R01AI143292	Novel VP30-host Interactions that Negatively Regulate Ebola Virus Infection	\$796,422
2020	WASHINGTON UNIVERSITY	MO	R01AI141716	Microbiota-dependent regulation of primitive hematopoieses	\$463,488
2020	WASHINGTON UNIVERSITY	MO	R21AI142554	Novel models for analysis of toxin synergy in Streptococcus pyogenes pathogenesis	\$196,459
2020	WASHINGTON UNIVERSITY	MO	R21AI152049	Roles of vaginal bacteria in bladder exfoliation and recurrent UTI	\$235,938
2020	WASHINGTON UNIVERSITY	MO	R01AI150796	Interferon-Stimulated Gene Inhibition of Rotavirus Replication and Viral Antagonism	\$393,125
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI146397	Metabolic Control of Brucellosis	\$226,179
2020	FIMBRION THERAPEUTICS INC	MO	R43AI149833	Heterocyclic Inhibitors of QcrB as Novel Drugs for Tuberculosis	\$300,000
2020	WASHINGTON UNIVERSITY	MO	R56AI104732	Actin regulatory proteins regulate alveolar macrophage pro-inflammatory signaling	\$406,110
2020	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$570,104
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI129996	Host Response and Immunity to Yersenia pestis Infection	\$365,705
2020	WASHINGTON UNIVERSITY	MO	R01AI127752	METABOLIC REGULATION OF NATURAL KILLER CELL ACTIVATION	\$381,250
2020	WASHINGTON UNIVERSITY	MO	R21AI143413	In vitro and in vivo analysis of macrophage-mediated clearance of HIV-1 latent reservoir	\$235,813
2020	WASHINGTON UNIVERSITY	MO	R01AI137162	Structural Vaccinology and Design of Novel Immunogens for Malaria Vaccine Development	\$722,058
2020	WASHINGTON UNIVERSITY	MO	R01AI140755	ROLE OF STRESS IN GUT IMMUNE INTERACTIONS WITH COMMENSAL BACTERIA	\$14,019
2020	WASHINGTON UNIVERSITY	MO	R21AI139649	Role of dysbiotic commensal bacteria in modulating airway inflammation in a mouse model with human lung immune system	\$235,875
2020	WASHINGTON UNIVERSITY	MO	U01AI141990	Programming Durable Immune Responses To Vaccination	\$693,502

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2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI143363	Examining the role of IP6 in HIV-1 replication	\$228,144
2020	WASHINGTON UNIVERSITY	MO	R01AI118938	The Role of IFI35 in Innate Immunity and Influenza Pathogenesis	\$381,250
2020	CHILDREN'S MERCY HOSPITAL	MO	R01AI147778	Natural killer cell regulation of the germinal center HIV neutralizing antibody response	\$857,694
2020	WASHINGTON UNIVERSITY	MO	R01AI143857	Exploiting Diversity-Oriented Chemical Synthesis for Combating Chronic Parasitic Infection	\$1,062,400
2020	WASHINGTON UNIVERSITY	MO	K23AI130389	Accelerating Translational Development of Novel Antigens for an Enterotoxigenic E. coli Vaccine	\$146,584
2020	WASHINGTON UNIVERSITY	MO	R01AI136515	The Role of Route of Entry by Bacterial Antigens on Colonic T Cell Responses	\$552,416
2020	VaxNewMO LLC	MO	R41AI142928	Development of a bioconjugate vaccine against Group B Streptococcus	\$280,104
2020	WASHINGTON UNIVERSITY	MO	R01AI143982	Mechanisms of STING-associated immunodeficiency	\$560,009
2020	WASHINGTON UNIVERSITY	MO	U01AI131342	GUT SPECIFIC AND TIME-LIMITED EVENTS IN EARLY LIFE PROMOTING TOLERANCE	\$433,205
2020	WASHINGTON UNIVERSITY	MO	R01AI145496	Effect of Microbial Metabolites on Growth of Cryptosporidium	\$683,892
2020	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$381,250
2020	WASHINGTON UNIVERSITY	MO	F32AI138373	Heat Shock Protein Prenylation in Malaria Parasites	\$12,565
2020	WASHINGTON UNIVERSITY	MO	R01AI132697	Autophagy proteins in the immune response to Mycobacterium tuberculosis infection	\$479,339
2020	WASHINGTON UNIVERSITY	MO	R01AI135012	CRYPTOCOCCAL GLYCAN SYNTHESIS	\$514,120
2020	SAINT LOUIS UNIVERSITY	MO	R01AI122669	Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	\$440,118
2020	WASHINGTON UNIVERSITY	MO	R01AI139314	Norovirus regulation via bacterial modulation of interferon-lambda	\$393,334
2020	WASHINGTON UNIVERSITY	MO	R21AI144220	Role of T6SS in plasmid-mediated MDR dissemination in Acinetobacter	\$196,614
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI144433	Influenza host specific glycan motif identification through systems biology	\$239,725
2020	VaxNewMO LLC	MO	R44AI131742	Towards a New Generation of Glycoengineered Pneumococcal Bioconjugate Vaccines	\$931,060
2020	WASHINGTON UNIVERSITY	MO	K08AI144033	Role of Autophagy in Regulating Cytokine-Induced Macrophage Cell Death and Systemic Inflammatory Responses	\$167,181
2020	SAINT LOUIS UNIVERSITY	MO	UM1AI148685	Vaccine and Treatment Evaluation Unit at Saint Louis University	\$1,138,714
2020	WASHINGTON UNIVERSITY	MO	F31AI150194	Discerning the roles of novel glycosyltransferases in the pathogenic yeast Cryptococcus neoformans	\$31,446
2020	WASHINGTON UNIVERSITY	MO	R01AI126909	Pathogenesis of HRPII in Cerebral Malaria	\$381,250
2020	WASHINGTON UNIVERSITY	MO	R01AI129545	Natural Killer Cell Tolerance to Self	\$508,164

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2020	WASHINGTON UNIVERSITY	MO	R01AI130591	PARP9-DTX3L Control Of Viral Infection and Airway Disease	\$608,777
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116595	The parvovirus-induced DNA damage response and cell cycle perturbations	\$379,150
2020	WASHINGTON UNIVERSITY	MO	R21AI145669	Translational regulation of HIV-1 replication and host responses	\$196,614
2020	WASHINGTON UNIVERSITY	MO	R01AI125743	HISTAMINE-INDEPENDENT MAST CELL NERVE INTERACTIONS IN ALLERGY	\$381,250
2020	SAINT LOUIS UNIVERSITY	MO	F31AI152460	Transcriptional and functional profiling of cross-reactive T cells to understand outcomes for the pathogen and host during heterologous infection	\$30,773
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI145071	VTCN1 regulation of MHC in early human placental development	\$232,500
2020	WASHINGTON UNIVERSITY	MO	R21AI151170	Bourbon virus: Therapy development and Serology	\$236,000
2020	WASHINGTON UNIVERSITY	MO	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$401,218
2020	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$469,186
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134661	How Do Arboviruses Escape the Mosquito Midgut?-Analysis of a Novel Mechanism	\$382,974
2020	WASHINGTON UNIVERSITY	MO	R01AI125045	Preclinical studies of a Cryptococcus vaccine for AIDS patients	\$644,346
2020	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	\$1,193,022
2020	WASHINGTON UNIVERSITY	MO	R21AI145012	The DKE-121 strain as a possible new Dengue virus serotype	\$235,938
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	F32AI131468	Interaction between parvovirus replication and the cellular DNA-damage response	\$65,606
2020	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$567,470
2020	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$667,341
2020	WASHINGTON UNIVERSITY	MO	R21AI142257	Immune Regulation by Bacteroides Polysaccharide Capsules	\$224,459
2020	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$699,874
2020	WASHINGTON UNIVERSITY	MO	R01AI144120	Molecular Insights into the Uropathogenesis of MDR Acinetobacter baumannii	\$665,586
2020	WASHINGTON UNIVERSITY	MO	R00AI135031	Genetic and Biochemical Interrogation of Rotavirus-Cohesin Interaction	\$285,228
2020	WASHINGTON UNIVERSITY	MO	R21AI148877	Role of ontogeny and niche on human macrophage development	\$196,614
2020	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI152521	Impact of repeated vaccination on the effectiveness of seasonal influenza vaccines	\$758,514

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2020	WASHINGTON UNIVERSITY	MO	R01AI077600	Epithelial Responses to Bacterial Invasion	\$381,250
2020	WASHINGTON UNIVERSITY	MO	U01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$638,045
2020	MISSISSIPPI STATE UNIVERSITY	MS	R01AI139479	Structure, Orientation, and Competitive Interactions of S. Epidermidis Biofilm Proteins on Surfaces	\$352,764
2020	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R21AI144571	DISSEMINATION OF MACROLIDE RESISTANCE ELEMENTS IN STREPTOCOCCUS PNEUMONIAE	\$164,128
2020	MONTANA STATE UNIVERSITY	MT	R01AI136758	Cytotoxic immunoconjugates to deplete persistent HIV reservoirs	\$632,663
2020	MONTANA STATE UNIVERSITY	MT	R21AI144496	Optimized phage therapy for Brucella infection	\$180,000
2020	MONTANA STATE UNIVERSITY	MT	R21AI146952	Evaluation of innate antiviral responses on neuronal spread of HSV-1 infection	\$216,000
2020	UNIVERSITY OF MONTANA	MT	R03AI137620	A role for snoRNAs in RVFV-induced enhancement of alternative splicing	\$72,500
2020	PROMILIAD BIOPHARMA INC	MT	R42AI118104	Novel antibacterial agents derived from natural products	\$750,375
2020	UNIVERSITY OF MONTANA	MT	R21AI151597	Targeting a ubiquitous spirochete bacteriophage to prevent Lyme disease	\$217,500
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI125087	Comparative effectiveness of tailored HIV treatment plans and mortality	\$131,606
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119164	Natural Immunity Against Chlamydia trachomatis	\$795,093
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125147	Host Targeted Therapy for Drug Resistant Salmonella and Francisella infection	\$1,043,412
2020	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$1,307,799
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI130936	University of North Carolina Food Allergy Initiative	\$235,000
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI143172	Identifying the Distribution, Origin, and Threat of Plasmodium vivax in the DRC	\$43,319
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139512	The role of Interferon lambda signaling in flavivirus transmission and pathogenesis at the maternal-fetal interface	\$388,750
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI136920	Complement and efferocytosis in clearing pyroptotic cells	\$441,596
2020	Duke University	NC	F32AI145180	Interferon stimulated genes that regulate viral infection by binding to modified RNAs	\$64,554
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143894	Regulation of CD8+ T cell responses to chronic virus infection	\$500,892
2020	Duke University	NC	R01AI145687	Structures of initial CD4 engagement with pre-fusion, closed HIV-1 Envelope trimer and early CD4-induced conformational changes required for infection	\$733,183
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI144631	Protective Immune Mechanisms against Zika Virus Infection in the Female Reproductive Tract	\$230,238

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2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI144181	University of North Carolina - Chlamydia Vaccine Initiative (UNC-CVI)	\$2,203,024
2020	Irex Pharma LLC	NC	R41AI142847	IRE1beta Inhibitors: Novel Therapeutics to Manage Excess Mucus in Asthma	\$299,999
2020	AFFINERGY LLC	NC	R44AI148062	Development of a novel clinical assay for measuring everolimus levels	\$717,613
2020	Duke University	NC	R21AI143460	Targeting an inactive conformation of HIV-1 TAR	\$234,323
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI148822	Engineering Staphylococcus aureus to sense and record oxidative stress	\$77,750
2020	Duke University	NC	R13AI152883	Infectious Diseases in Africa: Correlates of Protection, Lessons from Vaccines and Natural Infection Studies	\$25,000
2020	Duke University	NC	R21AI151398	Measuring the Impact of Allosensitization on Xenotransplantation	\$241,500
2020	Duke University	NC	K08AI150990	Therapeutic strategies to improve function of high risk liver grafts	\$187,704
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$563,507
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$651,300
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123193	Functional protein networks underlying T cell growth, proliferation and differentiation	\$377,975
2020	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI118769	Structural and mechanistic studies of the IκB Kinase complex	\$371,220
2020	Duke University	NC	F31AI150106	Defining human interferon-stimulated genes with novel functions in host defense to Chlamydia infections	\$37,463
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139304	Intestinal epithelial cell exfoliation by caspases	\$427,625
2020	Duke University	NC	T32AI141342	Advanced Immunobiology Training Program for Surgeons	\$157,330
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI141333	Micro-Particle Delivery of a Potent Intracellular Adjuvant for a Universal Flu Vaccine	\$1,135,695
2020	Duke University	NC	R01AI145016	Supramolecular pediatric HIV vaccine design	\$777,485
2020	Duke University	NC	R01AI145930	APCs and environmental cues for inflammation-linked Th17 immunity	\$487,276
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI151231	Genetically humanized mice for modeling human Fc-receptor interaction during influenza infection	\$233,250
2020	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	U01AI150578	The Wake Forest Nonhuman Primate Radiation Survivor Cohort	\$3,000,000
2020	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$22,293,250
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$2,654,379

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	EAST CAROLINA UNIVERSITY	NC	R01AI126398	Interferon-beta as an Adjuvant for Tolerogenic Vaccination	\$416,673
2020	Duke University	NC	R01AI123083	Structure-Function Analysis of Chlamydia Secretion Chaperones	\$517,940
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$385,642
2020	Duke University	NC	R01AI131978	Functional profile to HIV vaccine elicited antibodies in infants	\$401,073
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI134990	Mentoring in Translational Malaria Genomics	\$174,464
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI053531	Picornavirus Genome Replication	\$682,455
2020	Duke University	NC	R03AI142341	A comparative genomic analysis of Clostridium immunis	\$80,500
2020	Duke University	NC	R21AI144586	Regulation of Salmonella virulence by interspecies methylthioadenosine signaling	\$193,971
2020	Duke University	NC	R21AI135398	Regulation of T cell metabolism and function by IRGM proteins	\$241,500
2020	EAST CAROLINA UNIVERSITY	NC	R21AI141438	MucR gene silencing and Brucella virulence	\$218,927
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI150358	Next Generation Multipurpose Intravaginal Ring Technology Using Innovative CLIP 3D Printing	\$784,402
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139475	Thymic and peripheral regulation of autoreactive T cells by coreceptor therapy	\$388,750
2020	NOVAN INC	NC	R44AI143022	Development of a nitric oxide-releasing antiviral gel for the treatment of cervical HPV infections and prevention of downstream malignancies in women	\$997,413
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI147849	Formation of the HIV-1 Latent Reservoir	\$659,300
2020	Duke University	NC	U19AI142596	Messenger RNA Immunogens for initiation of protective HIV non-neutralizing antibodies	\$3,798,808
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI152039	Determinants of humoral immunity to norovirus in children	\$247,425
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI151197	Understanding the relationship between herd immunity and geographic scale to improve estimates of localized infectious disease outbreak risk	\$135,974
2020	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$467,900
2020	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R03AI148754	Reproductive health sequelae in women who survived Ebola Virus Disease in Sierra Leone and Liberia	\$68,510
2020	Duke University	NC	R21AI146971	TSC1 in Alveolar Macrophages Development and Function	\$201,250
2020	Duke University	NC	F32AI138372	Subversion of the host cell cytoskeleton and innate immunity by Chlamydia trachomatis	\$67,446

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2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135105	Prevalence, Pathogenesis, and Persistence of Lassa Fever in West Africa	\$724,693
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI122319	Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence	\$958,259
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131430	Development and pre-clinical evaluation of a novel Polymer-Based In-Situ Forming Implant (ISFI) for Long-Acting HIV PrEP	\$551,656
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131685	Murine Model of Human Hepatitis A	\$388,750
2020	Duke University	NC	K23AI125670	Immune Profiles to Better Understand Chronic Allograft Dysfunction and Successful Long-term Clinical Outcomes after Human Lung Transplantation	\$172,764
2020	ARREVUS INC	NC	R42AI136065	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant bacteremia	\$672,647
2020	Duke University	NC	R01AI136891	Small Molecule HIV-1 Entry Inhibitor with Novel Mechanisms of Action	\$418,313
2020	EAST CAROLINA UNIVERSITY	NC	R01AI132818	Delineation of unique flagellar proteins in spirochetes	\$420,228
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI143471	Mentoring Multidisciplinary Global HIV Patient-Oriented Research	\$155,754
2020	Duke University	NC	F31AI136313	STAT3-dependent manipulation of host transcription and immune responses by Salmonella	\$37,622
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143910	Bacterial Characteristics of Community-associated Carbapenem-Resistant Enterobacteriaceae	\$386,436
2020	Duke University	NC	R01AI145656	Antigen recognition and activation of B-cell receptors of HIV-1 broadly neutralizing antibodies	\$885,192
2020	Duke University	NC	U19AI135902	Messenger RNA immunogens for initiation of HIV V3-glycan neutralizing B cell lineages	\$4,527,376
2020	Duke University	NC	K24AI143971	Mentoring in Clinical Pharmacology and Early Phase Trials	\$179,771
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI150095	Critical Lipid Species in the Hepatovirus Lifecycle	\$528,265
2020	WAKE FOREST UNIVERSITY	NC	R21AI152439	Mapping Rotavirus Reassortment Restriction Determinants	\$181,875
2020	Duke University	NC	R21AI149205	The regulation dephosphorylated-CoA-capped RNA and innate immunity by MESH1	\$199,455
2020	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$176,807
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI148260	Antibody Landscape following Human Norovirus Infection and Vaccination	\$767,330
2020	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$193,514
2020	Duke University	NC	T32AI007392	Interdisciplinary Research Training Program in AIDS	\$446,162
2020	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$467,816

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2020	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$17,472,729
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI120796	Mentoring new investigators in PMTCT implementation research	\$184,005
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI121558	Variation in Resistance and Fitness to Artemisinins in African Malaria	\$671,948
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129541	PlrSR-dependent Signal Transduction in Bordetella Virulence	\$498,220
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131060	A dyad approach to combination HIV prevention in pregnancy for Zambia and Malawi	\$808,406
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137273	Antibiotic activities against S. aureus during P. aeruginosa co-infection	\$459,754
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI149727	A novel protein export chaperone of Mycobacterium tuberculosis	\$598,742
2020	Duke University	NC	R01AI137031	The pathogenic effects of epithelial cells surviving direct influenza virus infection	\$578,313
2020	Duke University	NC	F31AI140427	Defining pH-Sensing in Fungal Virulence	\$39,691
2020	RESEARCH TRIANGLE INSTITUTE	NC	R01AI141082	Development of Inhaled CPZEN-45 For Tuberculosis Therapy	\$756,053
2020	Duke University	NC	R01AI139216	Discovery and validation of broadly effective LpxH inhibitors as novel therapeutics against multi-drug resistant Gram-negative pathogens	\$555,313
2020	Duke University	NC	R01AI143370	Neutralizing and non-neutralizing antibody effector functions in HIV infected children	\$730,146
2020	Duke University	NC	R21AI150415	Structure and dynamics of a functional cavity in the HIV -1 Envelope, and its role in conformational changes required for infection	\$226,250
2020	BRIGHTON DEVELOPMENT	NC	R44AI122405	Novel Low Temperature Sterilization Method for Flexible Endoscopes	\$521,870
2020	RESEARCH TRIANGLE INSTITUTE	NC	R01AI152713	Long-Acting Prevention Implantable System (LAPIS) for HIV Pre-Exposure Prophylaxis (PrEP)	\$785,575
2020	Duke University	NC	F31AI152457	Regulation of the type 1 program during ILC3 plasticity	\$37,315
2020	WAKE FOREST UNIVERSITY	NC	R03AI146437	Phenotype screens of Chlamydia Inclusions	\$77,243
2020	EAST CAROLINA UNIVERSITY	NC	R21AI148132	Role of a UPP-like exopolysaccharide in Brucella virulence	\$182,119
2020	NEOCHROMOSOME, INC.	NC	R43AI148008	Plug-and-Play HLA for Safer and Personalized Off-the-Shelf Cell Therapies using big-DNA technology	\$300,000
2020	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$2,416,529
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI141744	The Development of Norovirus Immunity in Early Childhood and Implications for Norovirus Vaccines	\$169,668
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI141373	C-di-AMP signaling in Clostridium difficile	\$192,446

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2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI149644	Respiratory Virus Vaccine and Adjuvant Exploration	\$1,000,000
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132547	RDT-undetectable Malaria in the DR Congo: Epidemiology and Development of Alternatives	\$717,783
2020	Duke University	NC	R21AI144380	Defining a novel function for the post-translational modification of myofibrin in the antiviral innate immune response	\$201,250
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI141764	Serial Killers to Mosquitos: The Spatial Targeting of Larval habitats in rural Uganda using geographic Profiling	\$189,332
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI142990	Inflammasomes and Gasdermins in the Pathogenesis of Bullous Pemphigoid	\$44,236
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI141631	The role of AIM2 in T cell-mediated autoimmunity	\$388,750
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI144548	Pseudomonas avoids immune clearance by dysregulating host AMPK/mTOR signaling	\$221,662
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI137902	Implications of Congenital Zika Virus Infection	\$148,865
2020	Duke University	NC	R21AI139397	Aloperine derivatives as novel anti-influenza agents	\$201,250
2020	Duke University	NC	R01AI130236	Macrophage Reprogramming During Granuloma Formation in the Zebrafish	\$427,101
2020	Duke University	NC	R21AI147992	Humoral immune correlates of protection against congenital CMV and HSV transmission in HIV-infected women	\$198,190
2020	Duke University	NC	R03AI146406	Estimating the incremental benefits on active malaria case detection of high-sensitivity rapid diagnostic tests	\$80,500
2020	PARION SCIENCES	NC	R43AI145766	Novel Dual Acting Antibiotics for Pulmonary Disease	\$274,173
2020	Duke University	NC	R21AI146641	Structural Elucidation of the Novel RNA Polymerase Underlying Francisella Tularensis Virulence	\$234,163
2020	Duke University	NC	R01AI152568	Engineering Adaptive Immune Responses from Hydrogel Scaffolds to Promote Tissue Regeneration	\$655,503
2020	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI149098	The pig: A novel large animal model of allergic eosinophilic esophagitis	\$232,280
2020	Duke University	NC	R21AI144749	Generation of antibodies specific for optimal non-HRP2 malaria diagnostic antigens	\$237,672
2020	RESEARCH TRIANGLE INSTITUTE	NC	R61AI149499	LA HIV Treatment in Pediatrics	\$995,029
2020	Synoxa Sciences, Inc	NC	R41AI152873	Development of Natural Product Inspired Adjuvants to Treat Tolerant Infections	\$300,000
2020	Duke University	NC	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	\$281,750
2020	Duke University	NC	K23AI125677	Novel Diagnostics to Improve Antimicrobial Stewardship for Acute Respiratory Tract Infections in Resource-Limited Settings	\$180,777

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2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123010	The Role of Human Gut Microbiota in HIV-1 Rectal Acquisition, Replication, and Pathogenesis	\$727,806
2020	Duke University	NC	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	\$1,416,215
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123535	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$647,747
2020	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$461,580
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI133236	Natural killer cell cytotoxicity against intracellular bacteria	\$425,744
2020	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI144758	Developing effective adjuvants for native polysaccharide antigen-based vaccines	\$228,786
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132421	Lysosome Defects and the Accumulation of Immune Complexes in Human Lupus	\$471,854
2020	NIRVANA SCIENCES, INC.	NC	R44AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cytometry	\$997,404
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI145646	Feminizing Sex Hormones Impact on PrEP Pharmacology in Transgender Women	\$156,630
2020	Duke University	NC	R01AI139207	Dynamic Control of Innate Antiviral Immunity in Skin Homeostasis and Inflammation	\$566,998
2020	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI116725	The TREX1 Pathway in Autoimmune Disease	\$386,640
2020	Duke University	NC	R01AI118571	Dissection of polyreactivity and neutralization activity of HIV-1 Abs	\$612,369
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI145588	Reducing the HIV Reservoir: Next-Generation Latency Reversal Agents and T Cell Population Targets	\$37,577
2020	Duke University	NC	P01AI120756	Bridging Antibody Fc-mediated Antiviral Functions Across Humans and Non-human Primates	\$3,640,114
2020	Duke University	NC	R13AI152885	14th International Conference on HIV Treatment, Pathogenesis, and Prevention Research (INTEREST)	\$45,000
2020	Duke University	NC	R01AI148243	IRGM proteins as regulators of inflammation	\$469,814
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$380,000
2020	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$526,575
2020	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$18,301,564
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125198	PRECLINICAL ASSAYS TO PREDICT TETRAVALENT DENGUE VACCINE EFFICACY	\$1,075,722
2020	Duke University	NC	R01AI125517	Genetic dissection of angiogenesis in the tuberculous granuloma	\$397,500
2020	Duke University	NC	P01AI138211	Immunogen Design for Induction of HIV distal gp41 broadly neutralizing antibodies	\$1,576,220
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI146653	Rapid Transient Depletion of Pre-existing Antibodies for rAAV Gene Delivery	\$194,375
2020	MUCOMMUNE, LLC	NC	R44AI138728	In vivo dose finding for IN-002 in neonatal lambs for inhaled immunotherapy of RSV	\$999,032

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2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI147497	Optimizing a Universal Influenza Subunit Nano/Microparticulate Vaccine	\$604,292
2020	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI144592	ICES-based Pulsed Field Electromagnetic Field Therapy for Autoimmunity	\$233,250
2020	TRPBLUE, INC.	NC	R43AI149868	Targeting TRP channels for novel topical treatment of atopic dermatitis	\$302,320
2020	Valanbio Therapeutics Inc	NC	R44AI152896	IND-enabling studies of the potent LpxC inhibitor LPC-233 as a novel antibiotic against Gram-negative pathogens	\$797,403
2020	UNIVERSITY OF NORTH DAKOTA	ND	R03AI142011	EPIGENETIC REGULATION OF THE ESTABLISHMENT OF AN SV40 INFECTION	\$69,500
2020	UNIVERSITY OF NORTH DAKOTA	ND	R01AI143741	Pathogenic role of IL-17 response in Streptococcus pneumoniae nasopharyngeal pathogenesis during an influenza virus co-infection	\$360,589
2020	UNIVERSITY OF NORTH DAKOTA	ND	R01AI121804	Molecular mechanism of Mincle mediated NET formation:Implications for pneumonic sepsis	\$507,350
2020	UNIVERSITY OF NORTH DAKOTA	ND	R03AI152213	Epigenetic modulation of purinergic signaling in microglia	\$70,500
2020	UNIVERSITY OF NORTH DAKOTA	ND	R21AI149220	Borrelia miyamotoi meningioencephalitis	\$176,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI119090	Nanomedicine Development for Systemic Lupus Erythematosus	\$376,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125588	The role of arginine catabolic pathways in modulating staphylococcal fitness	\$376,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	K23AI134307	Clinical Pharmacology of Efavirenz Combined with High Dose Rifapentine	\$163,848
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI129745	Limiting HIV establishment and maintenace by preserving intestinal immunity	\$828,836
2020	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI142281	TCR Transgenic Models for Dilated Cardiomyopathy	\$183,198
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$681,414
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI151924	Evaluating mycothiolation of xenobiotics	\$224,550
2020	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$402,997
2020	CREIGHTON UNIVERSITY	NE	R01AI136877	LincRNAs in Mucosal Defense to AIDS Opportunistic Pathogen Cryptosporidium	\$363,750
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI132406	Regulatory Role of Tandem Tryptophan Codons in Chlamydial Persistence	\$598,267
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI065545	Chlamydial invasion of non-phagocytic cells	\$381,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125589	The molecular control of bacterial programmed cell death	\$376,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$378,310
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI143394	Development of humanized transgenic mice for HBV/HIV co-infection studies	\$190,625

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2020	CREIGHTON UNIVERSITY	NE	R21AI141325	Intestinal Stem Cell Responses to Cryptosporidium Infection	\$218,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI121050	EP67-Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV	\$376,250
2020	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI124965	The Lymphoid Tissue Pharmacology of Antiretroviral Drugs	\$731,313
2020	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$457,266
2020	STEALTH BIOLOGICS LLC	NH	R44AI150235	Deimmunized Griffithsin Microbicide	\$299,275
2020	DARTMOUTH COLLEGE	NH	R01AI123372	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	\$547,683
2020	DARTMOUTH COLLEGE	NH	R21AI140878	Overcoming Emerging Aspergillus fumigatus Azole Resistance Via Protease Inhibition	\$187,459
2020	DARTMOUTH COLLEGE	NH	R21AI137656	Mechanisms of Phagocyte Interactions with Pseudomonas Mediated by Polyanions	\$205,000
2020	DARTMOUTH COLLEGE	NH	R21AI147714	Monoclonal antibody therapy for neonatal HSV infections	\$205,000
2020	STEALTH BIOLOGICS LLC	NH	R43AI149839	Engineering a Potent Immune-evading Uricase	\$299,870
2020	CELDARA MEDICAL LLC	NH	R41AI147902	Autonomous RNA-Mediated Anti-Influenza A Virus Therapeutics (AMRed Therapeutics)	\$258,360
2020	DARTMOUTH COLLEGE	NH	R21AI152687	Intravacuolar network dense granule protein biology in chronic Toxoplasma infection	\$205,000
2020	CELDARA MEDICAL LLC	NH	R43AI142911	A novel antibody therapy for Sin Nombre virus infection	\$294,252
2020	DARTMOUTH COLLEGE	NH	R21AI152019	Development of an influenza A virus and Aspergillus fumigatus coinfection model	\$246,000
2020	DARTMOUTH COLLEGE	NH	R21AI138501	Novel vacuole biology in chronic Toxoplasma infection	\$205,000
2020	DARTMOUTH COLLEGE	NH	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$365,464
2020	CELDARA MEDICAL LLC	NH	R44AI136273	Development of CM-SV1, a monoclonal antibody treatment for Sudan Virus	\$962,825
2020	DARTMOUTH COLLEGE	NH	R01AI146116	Membrane-active quinoline and quinazoline antibacterials that target Gram positive pathogens	\$782,863
2020	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI027690	Evolving understanding of HIV-1 reverse transcriptase structure, function, and inhibition.	\$709,970
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI138986	Novel bi-specific immunoprophylactics against multi-drug resistant Gram-negative bacterial infections	\$1,051,346
2020	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$441,113
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI145436	Translational approaches to improve understanding and outcome in Tuberculous meningitis	\$750,865
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123315	The role of inositol in Cryptococcus biology and pathogenesis	\$621,001

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2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI136948	Role of IFNe in immune modulation and HIV infection	\$683,760
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI138505	Characterization of a novel ILC-like population of adipose-resident cells	\$198,750
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI141183	Novel bi-specific immunotherapeutic against high-threat Gram-negative pathogens	\$1,136,490
2020	PRINCETON UNIVERSITY	NJ	R21AI146223	Quantitative Imaging and Analysis of Bacterial Biofilms from the Single Cell to the Collective	\$243,000
2020	PRINCETON UNIVERSITY	NJ	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$525,090
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$441,535
2020	PROKARYOTICS INC.	NJ	R44AI136213	Restoring Beta-lactam efficacy against methicillin-resistant Staphylococci	\$1,000,000
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131634	Protective and pathologic functions of macrophages induced by helminths	\$560,717
2020	PRINCETON UNIVERSITY	NJ	F30AI140697	Elucidating repair processes central to fluoroquinolone persistence in growth-inhibited populations	\$50,520
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI150765	Immunometabolic regulations of pulmonary TB pathogenesis by adipose tissue	\$688,180
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI147345	Bacteria and Host in TB Transmission	\$1,637,992
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123224	Innate Immune regulation of helminth-induced inflammation	\$397,500
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI134040	Induction of effector lymphocyte lethargy by helminth coinfection	\$587,042
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI130197	The adaptor protein Crk in immune responses	\$503,338
2020	PRINCETON UNIVERSITY	NJ	R21AI142520	An experimental system designed to identify human cytomegalovirus-induced alterations in tumor cells and test their dependence on continued viral gene expression	\$243,000
2020	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI141635	Assay development and screening for inhibitors targeting Shiga toxin 2	\$527,243
2020	ANALYTICAL DIAGNOSTICS SOLUTIONS, INC	NJ	R44AI129057	A user-friendly point-of-care device for G6PDH determination	\$574,240
2020	HACKENSACK MEDICAL CENTER	NJ	U19AI142731	Center to develop innovative therapeutics to multidrug resistant high-threat bacterial agents	\$6,638,108
2020	HACKENSACK MEDICAL CENTER	NJ	R21AI145396	Using Collaborative Cross mice to develop a novel model of Mycobacterium abscesses lung infection	\$221,375
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI143892	Intraepithelial lymphocyte regulation of epithelial cell shedding	\$193,062
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI144385	The basis of strain-specific differences in virulence in the human pathogen Orientia tsutsugamushi	\$234,000
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI141368	Mechanisms of vaccine protection against AIDS-associated Cryptococcus infection	\$749,786
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI143760	Transcriptome and proteome remodeling by Mycobacterium tuberculosis MazF toxins	\$626,264

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI148437	Simple and rapid POC detection for fungemia	\$605,037
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI152157	Enhanced POC assay for TB in HIV-infected children based on the ultrasensitive detection of the urinary form of the lipoarabinomannan antigen	\$729,737
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$1,114,475
2020	PURINE PHARMACEUTICALS INC.	NJ	R41AI149789	CD73 for sepsis	\$225,000
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI144257	Relationship between the iron response and the pathogenic potential of M. tuberculosis	\$79,500
2020	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI151746	Surface Active Polyelectrolyte Nanomedicine for Treatment of Lung Infections in Cystic Fibrosis	\$229,222
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI144503	The essential role of manganese in persistence of M. tuberculosis under iron starvation.	\$250,821
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131617	TB detection in children using a novel stool-based GeneXpert assay	\$536,775
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI125185	Program in Infection, Immunity and Inflammation	\$150,562
2020	HACKENSACK MEDICAL CENTER	NJ	R01AI132374	Combatting natural resistance and persistence in non-TB mycobacterial disease	\$906,704
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI140167	GrgA:a Multifunctional Transcription Factor that Control Chlamydial Gene Expression	\$237,320
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI151574	Proteome reprogramming by tRNA-cleaving toxins	\$225,161
2020	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI151261	Regulators of VSG allelic exclusion and switching in Trypanosoma brucei	\$234,000
2020	PRINCETON UNIVERSITY	NJ	R21AI144492	Establishing a Laboratory Model of Herpes simplex virus (HSV) Latency Using Compartmented Neuron Cultures	\$202,500
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$744,529
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI101438	Snail-Related Studies of Transmission & Control of Schistosomiasis in Kenya	\$360,184
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI142200	Leptin Promotes Allergic Asthma through Unfolded Protein Responses	\$227,250
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI141089	A High-Throughput Chemical Screen to Identify Inhibitors of the Fungal Azole Transporter Cdr1p	\$178,678
2020	NEW MEXICO STATE UNIVERSITY	NM	R01AI145918	Trade-offs between Arbovirus Transmission and Clearance in Native and Novel Hosts	\$780,148
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI132953	Genomic basis of anti-schistosome resistance in snails	\$194,256
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI130473	Defining the Inflammation and Immunity Transcriptome in Severe Malarial Anemia for Immunotherapeutic Discovery	\$711,525
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI145324	Vaccine-mediated control of bacterial virulence regulation and infection	\$431,724
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI139628	MyD88-independent resistance to Toxoplasma in the intestine	\$376,253

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2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$488,425
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	K22AI141680	Mechanisms of Intrinsic Host Responses to Hantavirus Infection	\$153,120
2020	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI142387	Rationally combining oncolytic virotherapy and TIM3 blockade	\$227,250
2020	VisionQuest Biomedical Inc	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$1,000,000
2020	DXDISCOVERY INC	NV	R43AI140817	Immunoassay for early diagnosis of mucormycosis	\$298,013
2020	UNIVERSITY OF NEVADA-RENO	NV	R21AI148813	The variable disease potential of group A Streptococcus isolates: a link to puerperal infections	\$178,271
2020	UNIVERSITY OF NEVADA-RENO	NV	R21AI139778	New molecular targets for pest management in the cuticle of the Lyme disease vector, Ixodes scapularis	\$180,442
2020	UNIVERSITY OF NEVADA-RENO	NV	R01AI122266	Prenatal, Intrapartum and Infant Antibiotic Use and Atopic Diseases in Childhood	\$693,473
2020	UNIVERSITY OF NEVADA-RENO	NV	R01AI123011	Changes in viral and cellular gene expression mediated by KSHV PAN lncRNA	\$356,575
2020	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$55,793
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$2,122,992
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134824	Host-virus interactions in the control of filovirus entry	\$476,065
2020	RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC	NY	R01AI122300	Use of ARV Drug Levels in DBS to Assess and Manage ART Adherence in South Africa	\$749,372
2020	SUNY, STONY BROOK	NY	R01AI129010	Defining ANDV Virulence and Attenuation Mechanisms	\$641,942
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI124413	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	\$502,311
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI139465	Eradicating persistent M. tuberculosis by synthetic lethality of terminal respiratory oxidases	\$632,476
2020	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$464,445
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI130547	Altered CD4+ T cell function in relation to the AHI1 MS locus	\$405,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	UM1AI130570	Mount Sinai's COFAR Clinical Research Unit and Clinical Trial (The "ADVANCE" Trial).	\$235,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139290	Harnessing Abs specific for immunogenic and conserved Env epitopes to protect against HIV	\$813,378
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141226	Toward a universal influenza virus vaccine based on live attenuated NS1-deleted influenza viruses	\$1,262,646
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI139297	IgM in the regulation of TB immunity	\$727,759
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI138446	Rip1 controlled stress resistance and virulence in Mycobacterium tuberculosis	\$463,302

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2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143639	ELF1 - Molecular mechanisms of a novel transcription factor with broad antiviral activity	\$433,545
2020	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,087,906
2020	Global Alliance for TB Drug Development	NY	U19AI142735	Modulation of Protein production and Degradation as an integrated approach to rapid sterilization of Drug sensitive and resistant Mtb.	\$5,528,394
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI145570	Single-cell analysis of HIV-1 production and transmission	\$564,760
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123368	Immune regulation of intestinal health and disease	\$423,750
2020	CORNELL UNIVERSITY	NY	K08AI141767	Comparative Animal Models of Viral Hepatitis	\$139,701
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI137752	Delineating The Differences Between Short-Lived And Long-Lived Plasma Cells	\$254,250
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI146957	Investigation of commensal bacteria-produced metabolites with activity towards mycobiota.	\$211,875
2020	SUNY, BUFFALO	NY	R21AI149405	Identification of F-Box Proteins in Toxoplasma	\$247,750
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI144819	Determining Enhanced Inflammatory B cell Function in African Americans with MS	\$254,250
2020	HEALTH RESEARCH, INC.	NY	R21AI144891	Identification of the mechanism of protection against a B. burgdorferi protein CspZ for the prevention of Lyme disease	\$241,499
2020	New York University	NY	R21AI149449	Delivering FAIR Datasets for the Neglected Parasite Trichomonas vaginalis and Studies in Comparative Genomics	\$237,750
2020	SUNY, BUFFALO	NY	F32AI152311	Developmental regulation of RNA editing in Trypanosoma brucei	\$65,310
2020	Trustees Of Columbia University In The City Of New York	NY	R21AI143417	Targeted next-generation sequencing to enhance detection and genomic characterization of Mycobacterium tuberculosis and high-impact bacterial pathogens among HIV-infected adults with sepsis in Uganda	\$185,590
2020	POP BIOTECHNOLOGIES INC	NY	R41AI149954	An adjuvanted influenza vaccine platform for dose sparing, multiplexing, and rapid deployment	\$223,797
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI152046	The Molecular Epidemiology of Staphylococcus aureus Bacteremias During the Opioid Epidemic: A New York Region Perspective	\$169,259
2020	SUNY, STONY BROOK	NY	R21AI152372	Baloxavir Derivatives As Inhibitors of Hantavirus Endonuclease Activity	\$235,951
2020	HEALTH RESEARCH, INC.	NY	R21AI149278	Microbial genetic variation in the pathogenesis of Lyme Disease	\$198,884
2020	SUNY, BUFFALO	NY	R21AI148737	Identification of new ribosylation-dependent immunoregulatory factors	\$199,375
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI140754	Mechanisms of MRSA intestinal colonization	\$699,723

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2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI152036	Developing a Molecular Map of Atopic Dermatitis Across Ethnicity and Severity Subtypes.	\$224,076
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143290	Spatiotemporal analysis of gene regulatory programs associated with GBS infection during pregnancy	\$786,470
2020	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$100,000
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$370,574
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$603,271
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,764,045
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$541,293
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI138363	Host Genetic Control of ZIKV Infection	\$45,520
2020	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$423,750
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134367	Mechanisms Underlying the HIV-HSV-2 Syndemic	\$509,551
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$917,545
2020	UNIVERSITY OF ROCHESTER	NY	R01AI121090	Neutrophil IFN-gamma in host defense and inflammation	\$457,554
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130043	Regulation of Nfil3 in innate lymphocyte-mediated host immunity	\$567,610
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	\$715,297
2020	CORNELL UNIVERSITY	NY	R21AI142377	Identifying potent and broadly-neutralizing henipaviral antigens and epitopes	\$188,461
2020	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI127771	TICK DETERMINANTS OF POWASSAN VIRUS TRANSMISSION	\$405,000
2020	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$808,581
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$3,000,000
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	The role of SPNS2 in T cell responses	\$438,435
2020	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI132447	Role of plasmacytoid dendritic cells in autoimmunity	\$440,000
2020	UNIVERSITY OF ROCHESTER	NY	R21AI143182	Chemokine mediated lymphocyte migration	\$192,500
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI137344	Immunoregulation by indoleamine 2,3-dioxygenases in tuberculosis	\$806,468
2020	New York Blood Center, Inc.	NY	R01AI139092	Structure-based design of coronavirus subunit vaccines	\$839,218
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143861	Novel lung resident interstitial macrophage subset with distinct localization and polarization	\$554,875
2020	ROCKEFELLER UNIVERSITY	NY	R03AI141855	Elucidation of host factors required for Powassan virus replication as potential therapeutic targets	\$84,750
2020	SUNY, STONY BROOK	NY	R01AI141592	Optimizing the immune response by targeting the Sts enzymes	\$572,094

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2020	CORNELL UNIVERSITY	NY	R21AI138025	Developmental layers in the CD8+ T cell response to infection.	\$195,251
2020	LONG ISLAND UNIVERSITY BROOKLYN CENTER	NY	R21AI142170	Targeting Intestinal Stem Cells to Augment the Repair of Epithelial Barrier	\$192,500
2020	SUNY, STONY BROOK	NY	R01AI127533	The Role the AAA+ Lon Proteases in Bacterial Pathogenesis	\$461,823
2020	ROCKEFELLER UNIVERSITY	NY	R01AI131688	Analysis of immunity, viral adaptation and pathogenesis in a new mouse model of HCV-related rodent hepacivirus infection	\$619,185
2020	SUNY, BUFFALO	NY	R01AI150240	The Organization and Function of the Toxoplasma Daughter Cell Scaffold	\$537,476
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI150398	Insights into the dynamics of clonal expansion of genome-intact proviruses by examining longitudinal evolution of HIV proviral DNA compositions	\$296,625
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI144354	Structural Studies of the Potassium Channel KCa3.1	\$254,250
2020	SUNY, STONY BROOK	NY	R21AI149296	Immunomodulatory therapy to improve outcomes of neonatal sepsis	\$237,601
2020	COLUMBIA UNIVERSITY HEALTH SCIENCES	NY	R21AI151469	Group 1 CD1-restricted human T cells induced by a whole sporozoite-based malaria vaccine	\$283,500
2020	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$482,453
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$427,538
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$72,342
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$423,750
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI141816	Interdisciplinary protein engineering approach to design high affinity antibodies for flaviviruses	\$417,500
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$487,591
2020	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$486,000
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	\$414,928
2020	UNIVERSITY OF ROCHESTER	NY	U01AI131344	Development of Mucosal and Systemic Immunity and Risk of Food Allergy	\$449,434
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	\$1,498,125
2020	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$193,559
2020	New York Blood Center, Inc.	NY	R01AI137472	Rational design and evaluation of novel mRNA vaccines against MERS-CoV	\$816,658

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2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132507	A combined computational and experimental approach to the evolution and role of the DNA sequence environment in targeting mutations to antibody V regions	\$659,073
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139623	Myeloid Specific Targeted Nanoimmunotherapy for Organ Transplant Acceptance	\$423,750
2020	CORNELL UNIVERSITY	NY	R01AI143704	Cell envelope stress responses and the mechanism of antibiotic tolerance in Gram-negative pathogens	\$392,639
2020	UNIVERSITY OF ROCHESTER	NY	R01AI136536	ECM/Integrin Tfh positioning cues for support of the germinal center response	\$482,772
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI144525	Adapting hepatitis C virus to infect ferrets	\$211,875
2020	CORNELL UNIVERSITY	NY	F31AI143208	Single-cell Imaging of Mechanically Coupled Assembly of Metal Efflux Complexes in Bacteria	\$45,520
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI139613	Converting staphylococcal pathogenicity islands from malevolence to benevolence	\$805,161
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI144808	Non-redundant functions of type 3 innate lymphoid cells in mucosal immunity	\$483,037
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$538,800
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI121349	Development of novel endosome-targeted Ebola virus entry inhibitors as antiviral agents	\$659,766
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI129273	The role of RagGTPases dependent amino acid-sensing pathway in regulatory T cell functions.	\$45,520
2020	CORNELL UNIVERSITY	NY	R21AI149772	Investigating temperature sensitive neural circuits that regulate reproductive dormancy	\$205,000
2020	UNIVERSITY OF ROCHESTER	NY	R01AI146035	Novel mechanisms of Alveolar Macrophage-Dependent Antifungal Innate Immunity	\$544,080
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI145882	Small viral RNAs as determinants of influenza A virus pathogenesis	\$423,750
2020	Trustees Of Columbia University In The City Of New York	NY	R21AI151996	Identifying quantitative trait loci that regulate enterovirus D68 pathogenesis using the Collaborative Cross	\$243,000
2020	LUCERNA INC	NY	R43AI150006	Cell-based assay directly monitoring viral polymerase activity for drug discovery.	\$224,323
2020	SUNY, BINGHAMTON	NY	R15AI149755	Cell-specific blockage of TLR activation: A new strategy for addressing inflammatory disorders	\$450,480
2020	CORNELL UNIVERSITY	NY	R01AI151059	Metagenomic profiling of urinary cell-free DNA to monitor urinary tract infection after kidney transplantation	\$740,764
2020	Trustees Of Columbia University In The City Of New York	NY	U01AI148309	Development of FAST-DOSE assay system for the rapid assessment of acute radiation exposure, individual radiosensitivity and injury in victims for a large-scale radiological incident	\$485,237

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2020	SUNY, BUFFALO	NY	R03AI144341	Purification and Initial Biochemical Analysis of the P. aeruginosa ImuABC Error-Prone DNA Polymerase	\$75,585
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI148178	Validating Inhibitors of the Immunomodulatory Sphingosine 1-Phosphate Transporter SPNS2	\$672,866
2020	UNIVERSITY OF ROCHESTER	NY	R01AI144241	Novel role for protein kinase D in airway inflammation and antiviral immunity	\$385,000
2020	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI148129	Post-Initiation control of transcription in inflammatory macrophages	\$609,756
2020	THERASOURCE LLC	NY	R44AI114218	A Novel Recombinant Protein for Mitigating Acute Radiation Injury	\$974,383
2020	Ascribe Bioscience Inc.	NY	R41AI152915	Preventing outbreaks of foodborne pathogenic bacteria in edible sprouts via novel resistance-conferring seed treatments	\$252,130
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	UM1AI148574	Establishment of the New York University Vaccine and Treatment Evaluation Unit (NYU VTEU)	\$451,484
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI124464	Gut Microbiome, Acute Rejection, and Tacrolimus Dosing in Kidney Transplantation	\$189,177
2020	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$443,446
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$423,750
2020	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$431,488
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$423,750
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$527,477
2020	SUNY, STONY BROOK	NY	R01AI116420	New antifungals targeting the synthesis of fungal sphingolipids	\$590,457
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$399,648
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI122264	Adaptive-Innate Immune Crosstalk in TGF-B Control of Peripheral T Cell Tolerance	\$524,247
2020	SUNY, BUFFALO	NY	R01AI125119	The role of non-broadly neutralizing antibodies targeting gp41 structural epitopes in long term nonprogression of HIV infection	\$390,782
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI137316	Elucidating transmission of plasmids harboring blaKPC among carbapenem-resistant Enterobacteriaceae using long-range sequencing	\$194,724
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI120806	Purinergic signaling in HIV-1 infection and inflammation	\$189,211
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI124753	Microsporidia: invasion apparatus	\$417,500
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI143043	Age-dependent susceptibility to infection	\$63,926
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI142428	In vivo development and reactivity of human autoreactive T cells	\$405,000

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2020	Trustees Of Columbia University In The City Of New York	NY	R01AI124678	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	\$398,264
2020	CORNELL UNIVERSITY	NY	R01AI121216	Mechanisms of virus-mediated compartmentalization of the host translational machinery	\$385,708
2020	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI124006	Highly Attenuated Vesiculovirus-based Vectors as HBV Therapeutic Vaccines	\$399,750
2020	SUNY, BUFFALO	NY	R01AI124677	Toxoplasma gondii Regulation of Host GABAergic Signaling	\$520,143
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130345	Macrophage development and specification in mice.	\$604,090
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI128949	Human anti-viral immune responses in tissues and circulation	\$2,406,401
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI136901	C-terminal proteolysis in the Pseudomonas aeruginosa cell envelope	\$612,333
2020	SUNY, STONY BROOK	NY	R01AI136934	Sphingosine-1-phosphate and cryptococcosis	\$498,277
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI136916	Preventing CD4+ T memory cells from becoming HIV reservoirs	\$593,250
2020	CORNELL UNIVERSITY	NY	R03AI144882	Cellular basis for diverse multifunction of Drosophila fat body tissue	\$78,500
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI139955	Identification of new regulators of autophagy in T cells	\$208,750
2020	SUNY, STONY BROOK	NY	R21AI144136	Rickettsia conorii transposon mutagenesis and Spotted Fever pathogenesis	\$199,375
2020	New York University	NY	R01AI145753	Establishing HIV-1 chromatin in resting T cells: Vpr, latency, and H2A.Z	\$396,250
2020	SYRACUSE UNIVERSITY	NY	R21AI142424	Antifouling Urinary Catheters with Active Surface Topographies	\$187,000
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI145024	Novel Biologics Designed to Mobilize HIV-specific CTL for Sustained HIV Remission	\$829,213
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI148416	Coptation of the DNA Damage Response For Epigenetic Regulation of Inflammation	\$423,750
2020	SUNY, STONY BROOK	NY	R01AI127704	Investigation on Replicative aging in Cryptococcus neoformans populations	\$618,336
2020	UNIVERSITY OF ROCHESTER	NY	R21AI147503	Proteomics Mapping of CD28 Costimulation	\$231,000
2020	TRUDEAU INSTITUTE	NY	R03AI144706	Inhaled DNase as an Adjunctive Tuberculosis Therapy	\$99,000
2020	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R03AI144839	Lysine acetylation of ribosomal proteins during poliovirus infection limits viral translation	\$77,250
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI148099	Training in Translational Immunology Research	\$153,115
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI146340	The Rv2623-Rv1747 interaction: regulation of the in vivo fate of M. tuberculosis	\$926,013

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	CORNELL UNIVERSITY	NY	R21AI146513	Determining the levels of resistance and patterns of cross-resistance for common kdr alleles in Aedes aegypti	\$266,200
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI147131	Structural basis of the polar tube invasion machinery from microsporidia parasites	\$648,532
2020	ROCKEFELLER UNIVERSITY	NY	R21AI151663	snoRNA31 is critical for human cell-intrinsic immunity to HSV-1 in the central nervous system	\$254,250
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R03AI151358	Epigenomic profiling of neurotrophic herpesvirus chromatin by controlled antibody-targeted cleavage.	\$84,750
2020	SUNY, BUFFALO	NY	R21AI144147	The role of SERINC5 during retrovirus infection in vivo	\$236,275
2020	ROCKEFELLER UNIVERSITY	NY	R01AI116943	A systematic analysis of small RNA interactions during RNA virus infections	\$536,595
2020	NEW YORK MEDICAL COLLEGE	NY	R21AI151277	Advancement of a Mucosal Subunit Vaccine in an Outbred Model of Respiratory Tularemia	\$250,752
2020	ROCKEFELLER UNIVERSITY	NY	R01AI119006	Dynamics of Antigen-Driven Selection in Germinal Centers	\$523,550
2020	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$684,875
2020	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$446,684
2020	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$446,291
2020	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular-stromal function and regulation in immunity	\$440,000
2020	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$969,421
2020	ROCKEFELLER UNIVERSITY	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$505,959
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,789,518
2020	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI114545	Differentiation and Ontogeny of IgM Memory Cells during Bacterial Infection	\$405,000
2020	COLD SPRING HARBOR LABORATORY	NY	R13AI129217	2018 CSHL Retroviruses Conference	\$35,000
2020	SUNY, BUFFALO	NY	R01AI131977	Stress Responsive Reprogramming of Translating mRNA Pools in C. neoformans	\$392,110
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI123308	A map of sphingosine 1-phosphate distribution	\$423,750
2020	UNIVERSITY OF ROCHESTER	NY	R01AI129518	Modeling Mechanisms of Adjuvanted Influenza Vaccine Induced IgG Repertoire Diversity and Heterosubtypic Immunity	\$687,168
2020	CORNELL UNIVERSITY	NY	F32AI138476	Dynamics of Gene Drives in Natural Populations	\$69,306
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI135972	Fluomics: The Next Generation	\$3,284,312
2020	ROCKEFELLER UNIVERSITY	NY	F32AI133910	Functions of translation regulation in host susceptibility to virus infection	\$69,306
2020	BIOSCIENCE DEVELOPMENT INC	NY	R44AI114009	Development of Molecular Diagnostic Test for Early Onset of Lyme disease	\$998,043

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	HEALTH RESEARCH, INC.	NY	R01AI131669	High throughput screening of orthosteric inhibitors of flavivirus protease	\$571,217
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI137168	Characterizing the Mechanism of DPP8/9 Inhibitor-Induced Pyroptosis	\$449,000
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI139217	Understanding the importance of IκB-b as a selective co-activator of NF-κB signaling	\$400,000
2020	ROCKEFELLER UNIVERSITY	NY	P01AI138938	Human monoclonal antibodies for prophylaxis and therapy against the new coronavirus	\$400,050
2020	CORNELL UNIVERSITY	NY	R01AI135270	Structural and Functional Analysis of the Coronavirus Spike Protein Fusion Peptide	\$87,264
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI118224	Small-Molecule Antibiotics Targeting Siderophore Biosynthesis in M. tuberculosis	\$666,740
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121436	Roles of DDX5 and its associated long non-coding RNAs in RORγt-mediated host immune system functions	\$536,329
2020	UNIVERSITY OF ROCHESTER	NY	R01AI137364	Transcriptional Profiling to Discriminate Bacterial and Non-bacterial Respiratory Illnesses	\$761,271
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI139360	Identifying the Molecular Target of Two Novel Compounds Active Against Non-replicating Mycobacterium tuberculosis and Delineating the Role of the Putative Target, InhA, in Non-replicating States	\$172,006
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI137269	Mathematical ecology models of host-microbiota interaction in auto microbiota transplants (auto-FMT)	\$804,721
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R00AI123350	The generation, migration and function of inflammatory ILC2s	\$248,994
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI143842	Defining a novel mechanism of mucosal healing	\$499,508
2020	CORNELL UNIVERSITY	NY	R21AI144557	Droplet-Assisted RNA targeting by single-cell sequencing to dissect the single-cell heterogeneity of RNA virus infection	\$197,789
2020	HEALTH RESEARCH, INC.	NY	R21AI144474	Physiology of Mycobacterium Tuberculosis with Hibernating Ribosomes	\$214,140
2020	HEALTH RESEARCH, INC.	NY	R21AI144916	Defining host genetic factors in adverse clinical outcomes in Lyme disease	\$218,850
2020	BIOPEPTIDES INC	NY	R43AI142877	An antigen-capture assay to screen donated blood for Babesia microti	\$299,812
2020	New York Blood Center, Inc.	NY	R21AI137790	A novel and effective nanobody to prevent and treat Zika virus infection	\$267,000
2020	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI123129	Correlates of Vaccine-Induced, Tunable-Protection in an Outbred Tularemia Model	\$707,956
2020	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$346,350
2020	ROCKEFELLER UNIVERSITY	NY	R01AI124690	The yellow fever vaccine saga: Defining the viral and host determinants responsible for success versus failure	\$741,079

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2020	HEALTH RESEARCH, INC.	NY	R21AI141178	Discovery of therapeutics against Cryptococcosis by Repurposing Pharmaceutical Libraries	\$208,122
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI145679	Emergence of bedaquiline and clofazimine resistance after interruption of drug-resistant TB therapy in a high HIV prevalence setting	\$757,530
2020	UNIVERSITY OF ROCHESTER	NY	R21AI149775	Visualizing the resolution of innate immune responses during influenza infection	\$231,000
2020	UNIVERSITY OF ROCHESTER	NY	UM1AI148450	University of Rochester Vaccine and Treatment Evaluation Unit (VTEU)	\$886,053
2020	TRUDEAU INSTITUTE	NY	R21AI144386	A novel drug retargeting platform for drug-resistant bacterial infections	\$297,000
2020	CORNELL UNIVERSITY	NY	R01AI146165	Epigenetic Profiling of circulating cell-free DNA for the Monitoring of Graft-Versus-Host Disease after Hematopoietic Cell Transplantation	\$752,613
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI150893	Targeting Pneumococcal Transmission	\$664,730
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI147511	Genome-wide assessment of Group B Streptococcus fitness and virulence	\$241,441
2020	UNIVERSITY OF ROCHESTER	NY	R03AI151965	Detection of Food Allergens in Human Milk	\$77,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI151917	Determining the induction of hemagglutinin stalk and neuraminidase antibody responses after LAIV vaccination in children	\$254,250
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI136488	Characterizing and targeting malaria parasite purine uptake pathways to generate novel antimalarial drugs	\$45,520
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI148327	Using immune complex vaccines to optimize antibody responses to HIV Env	\$875,894
2020	CUNY, RESEARCH FOUNDATION	NY	R01AI150502	Understanding Viral Suppression for Newly Diagnosed HIV+ Men to Inform Implementation of TasP and U=U	\$946,936
2020	SUNY, BUFFALO	NY	R01AI148560	Novel Strategies for Antibiotic Combinations to Combat Gram-negative Superbugs	\$839,004
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI128821	Antibody responses in humans after infection with avian influenza viruses	\$200,000
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI127812	Flu SAFE: Flu SMS Alerts to Freeze Exposure	\$775,789
2020	Trustees Of Columbia University In The City Of New York	NY	F32AI149989	Role of Chromatin Associated Host Factors in Regulation of Retroviral Replication	\$61,610
2020	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI122176	Endocytic Control of Autophagosome Formation in Lupus T cells	\$405,000
2020	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI123406	Non-canonical mechanisms of translation of viral mRNAs	\$618,497
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI124275	Systems Biology of Microbiome-mediated Resilience to Antibiotic-resistant Pathogens	\$1,755,886

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2020	ROCKEFELLER UNIVERSITY	NY	R21AI142010	Discovery and characterization of human neutralizing antibodies against Powassan virus in patients with Lyme disease for therapy, vaccine, clinical comorbidity profiling, and diagnostic purposes.	\$211,428
2020	ROCKEFELLER UNIVERSITY	NY	U01AI129825	3BNC117 and 10-1074 to suppress HIV-1 replication and reduce the reservoir	\$814,897
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI142337	Structure guided discovery of chemical probes for targeting Zika methyltransferase	\$211,875
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132949	Erythropoietin mediated immunoregulation in murine lupus nephritis	\$423,750
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI131913	Host susceptibility to Mycobacterium tuberculosis recurrence in HIV-infected people	\$192,780
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI123730	Structural, functional, and mechanistic analysis of autoreactive CD8 T cells	\$715,797
2020	UNIVERSITY OF ROCHESTER	NY	R01AI136538	Mucosal immunity to Toxoplasma gondii	\$459,876
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI142110	Effective immunity against Trypanosoma cruzi infection induced by immunization	\$208,750
2020	UNIVERSITY OF ROCHESTER	NY	R21AI143494	Targeting CCR5 Frameshifting with Synthetic Molecules	\$231,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI144844	Enhancement of Zika virus pathogenesis in neonates through dengue-specific maternal antibodies	\$211,267
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI140196	Interplay between flaviviruses and lipids	\$218,932
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI140909	Modulating antigenic and immunogenic properties of HIV Env by altering signal sequence	\$652,419
2020	SYLVATICA BIOTECH, INC.	NY	R44AI145782	Isochoric Pressure Based Preservation of Cells, Tissues and Organs	\$874,140
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI124465	Mechanism of BET Proteins in Th17 Cell Differentiation	\$423,750
2020	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$473,520
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$633,513
2020	Trustees Of Columbia University In The City Of New York	NY	R21AI150244	T Cell Mechanosensing of Microscale Fibers	\$243,000
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI147359	The role of CX3CR1+ CD4+ T cells during helminth infection	\$254,250
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI152543	EPITRANSCRIPTOMIC REGULATION OF CYTOMEGALOVIRUS INFECTION	\$545,420
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI149033	Human Parainfluenza Virus 3 Infection in a Novel Human Lung Tissue Model	\$252,677
2020	HEALTH RESEARCH, INC.	NY	R21AI146856	Evaluating the consequences of genotype displacement and geographic bias of West Nile virus in New York State	\$175,136
2020	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R03AI146596	Tools to evaluate POP2 as a regulator of arthritis	\$81,313

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2020	ROCKEFELLER UNIVERSITY	NY	R01AI150275	Launching HBV with RNA to assess antiviral resistance and explore fundamental aspects of virus-host biology	\$560,079
2020	SUNY, STONY BROOK	NY	R01AI150489	Cellular Protein Involved in Trafficking of HIV-1	\$398,750
2020	UNIVERSITY OF ROCHESTER	NY	R01AI117288	Passive and Active Immunization for Pneumocystis	\$466,112
2020	Trustees Of Columbia University In The City Of New York	NY	R21AI149657	Role of T cell-derived amphiregulin in recovery from influenza virus infection	\$236,360
2020	COLD SPRING HARBOR LABORATORY	NY	R13AI149774	CSHL 2020 Gene Expression and Signaling in the Immune System Conference	\$12,000
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121244	Redefining the role of autophagy in bacterial disease	\$528,684
2020	ABCOMBI BIOSCIENCES INC	NY	R44AI152908	DEVELOPMENT OF A LIPOSOMAL PNEUMOCOCCAL VACCINE FOR CLINICAL READINESS	\$715,951
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI147632	Delineating the mechanism and inhibitory capacity of CMV neutralizing antibodies	\$253,463
2020	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$385,000
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$848,109
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137067	Translational Regulation of T Regulatory Cells	\$615,670
2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI124186	RNA-directed targeting of AID in immunity and genomic integrity	\$449,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	\$526,128
2020	ROCKEFELLER UNIVERSITY	NY	R01AI127564	Genome-wide search for inborn errors of IL-17 immunity underlying chronic mucocutaneous candidiasis	\$423,750
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130945	Interactions between helminth colonization and the gut microbiota	\$655,339
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI138329	Endothelial cell transplantation for multi-organ repair to counter radiation injury	\$598,836
2020	CERAMEDIX HOLDING, LLC	NY	R44AI106283	Development of Anti-ceramide scFv as Mitigator of the Radiation GI Syndrome	\$994,084
2020	UNIVERSITY OF ROCHESTER	NY	R01AI134685	Antibacterial inhibitors of RnpA	\$704,674
2020	Trustees Of Columbia University In The City Of New York	NY	R37AI050234	Defining the Role of PfCRT and PfMDR1 as Pleiotropic Mediators of Plasmodium falciparum Multidrug Resistance	\$449,100
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI142046	Developing immune reagents to increase the preclinical value of the ferret model	\$84,750
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI141686	Development of Localized T Cell Immunity in Pediatric Respiratory Tract Infection	\$194,636
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI134632	Immunology and Microbial Pathogenesis Research Training Program	\$146,885

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2020	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI139632	Antifungal Immunity and the Mechanism of Fungal Programmed Cell Death	\$653,049
2020	CORNELL UNIVERSITY	NY	R21AI142382	The role of gut homing receptors in congenital CMV brain infections	\$188,227
2020	Ichor Biologics LLC	NY	R43AI138740	Development of broadly neutralizing antibodies to treat hantavirus infections	\$55,000
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141434	Decay Accelerating Factor and B cell Immunity	\$423,750
2020	CORNELL UNIVERSITY	NY	R01AI141514	Salmonella Typhi: Enhancement of Endemic Potential through its Unique Virulence Factors	\$581,385
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI149350	Investigating the relationship between antibiotics and nosocomial pneumonia.	\$254,250
2020	SUNY, STONY BROOK	NY	R21AI146535	Interactions and convergence of innate inflammation and extrinsic coagulation pathways	\$232,653
2020	Trustees Of Columbia University In The City Of New York	NY	R21AI150813	Role of heme oxygenase 2 in trafficking and regulation of myristoylated proteins	\$202,500
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI150355	HIV-1-dependent HERV-K proteome	\$271,625
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K22AI141739	Metabolic regulation of innate lymphoid cell function and airway inflammation	\$162,000
2020	UNIVERSITY OF ROCHESTER	NY	U01AI152011	Biomarker Identification, Viral Susceptibility and Management in S. aureus Colonized AD Patients	\$475,598
2020	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$412,240
2020	CORNELL UNIVERSITY	NY	R01AI132738	Biomaterials-based Germinal Center Niches for Understanding the B Cell Maturation and B cell receptor signaling	\$395,448
2020	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$2,141,200
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$183,093
2020	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$792,805
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$714,198
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI138547	Intestinal allograft tolerance in large animals	\$692,145
2020	HEALTH RESEARCH, INC.	NY	R01AI140726	High throughput screening of the Prp8 intein splicing inhibitors for pathogenic fungi	\$590,586
2020	HEALTH RESEARCH, INC.	NY	R01AI125190	Development of a Preclinical Assay to Predict Efficacy of Ricin Toxin Subunit Vaccines	\$519,830
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI123517	Atopy, Leptin and Potential Biomarkers of Comorbid Obesity and Asthma in Inner-City Schoolchildren	\$196,992
2020	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI134988	Long noncoding RNA expressing genomic element that control antibody diversification and chromosomal integrity in B cells	\$479,432

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2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	\$504,970
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI135101	Complement Dependent Inflammation and Murine Heart Transplant Rejection	\$190,339
2020	NEW YORK MEDICAL COLLEGE	NY	R21AI142523	Tafenoquine as a potential revolutionary treatment for babesiosis	\$205,000
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI139374	SERPINs as a novel family of innate antiviral molecules - Resubmission - 1	\$211,875
2020	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI141460	Mechanisms of HCMV-induced monocyte-to-macrophage differentiation.	\$549,860
2020	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI143840	A host-dependent mechanism controlling influenza virus infection by suppressing viral RNA synthesis	\$423,750
2020	UNIVERSITY OF ROCHESTER	NY	R01AI141884	Molecular mechanisms of caspofungin susceptibility in the pathogen Candida albicans	\$385,000
2020	SUNY, BUFFALO	NY	R01AI141557	Function and regulation of the essential RNA binding protein, DRBD18	\$426,608
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI146153	Role of Translesional Polymerases in Genome Diversification of the Malaria Parasite	\$585,839
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI123654	Antibody therapy for pneumococcal disease	\$417,500
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$423,750
2020	CUNY, RESEARCH FOUNDATION	NY	R21AI147933	Obtaining population-based estimates of the timing of antiretroviral therapy initiation using HIV surveillance data: Change-point model development, validation, and dissemination	\$243,230
2020	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI150867	Targeting Pneumococcal Colonization	\$254,250
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI146180	Effects of Glycation and Carbonylation on MHC II-restricted immunity	\$757,400
2020	SUNY, STONY BROOK	NY	R21AI149257	Paneth cell-specific IL-22Ra1 signaling in mucosal host defense	\$196,076
2020	UNIVERSITY OF ROCHESTER	NY	R01AI150698	Metabolic modulation by the HCMV UL38 gene	\$385,000
2020	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI144552	Macrocyclic proteasome inhibitors for treatment of tuberculosis	\$211,875
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	\$557,267
2020	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U19AI142777	Prometheus: A Platform for Rapid Development of Human Antibody-based Therapeutics and Prophylactics against Emerging Viral Threats	\$4,452,397
2020	Trustees Of Columbia University In The City Of New York	NY	R01AI149693	Genetic and ecological determinants of coronavirus recombination	\$505,617
2020	POPULATION COUNCIL, INC	NY	R01AI150324	Novel pre-coital, non-hormonal multipurpose prevention technology (MPT)	\$871,184
2020	ROCKEFELLER UNIVERSITY	NY	R01AI148387	Functions and mechanisms of transcriptional coactivator OCA-B in B cell development and lymphomagenesis	\$737,527

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2020	POPULATION COUNCIL, INC	NY	R01AI150360	An Etonogestrel/Ethinyl Estradiol/QGriffithsin (ETG/EE/QGRFT) IVR to Prevent Pregnancy and HIV	\$1,068,884
2020	ROCKEFELLER UNIVERSITY	NY	R01AI143810	Molecular and cellular basis of epidermodysplasia verruciformis	\$424,250
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI129709	Non-inferiority study of adjuvanted vs. high dose flu vaccine in residents of long term care	\$778,393
2020	OHIO STATE UNIVERSITY	OH	R01AI077283	Molecular chaperones and immune tolerance	\$387,495
2020	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI118774	Effector functions and cellular targets of pathogenic plasmacytoid cells in lupus.	\$396,250
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI143305	Identification of effective SCY-078 analogues targeting C. auris	\$200,521
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI142264	Single cell analysis of transplant rejection	\$199,026
2020	TRIAD NATIONAL SECURITY, LLC	OH	R01AI135946	Leveraging public health genotyping databases for near real-time HIV surveillance	\$835,351
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI144673	Impact of the Initial Influenza Exposure on the Quality, Magnitude, Breadth, Potency and Durability of Influenza Immunity	\$4,386,974
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI150486	Viral and Cellular Determinants of HIV-1 Assembly	\$357,750
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI152100	Preconceptual paternal environmental allergen exposure, sperm epigenetics and offspring asthma development	\$198,750
2020	OHIO STATE UNIVERSITY	OH	R01AI148561	Intracellular Proliferation of the fungal pathogen Histoplasma capsulatum	\$389,949
2020	OHIO STATE UNIVERSITY	OH	R01AI124121	Restoring macrophage function in cystic fibrosis	\$511,273
2020	OHIO STATE UNIVERSITY	OH	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	\$379,920
2020	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$436,500
2020	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI132644	Epigenetic Reprogramming of Monocyte Functions during Acute Uncomplicated Malaria in Kenyan Children	\$189,575
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116730	Transcriptional regulation by O-GlcNAcylation in T lymphocytes	\$396,250
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI139829	Obesity, Metabolic Syndrome and Asthma	\$238,500
2020	OHIO STATE UNIVERSITY	OH	R21AI151867	Acellular TB vaccines adjuvanted with BcfA	\$195,000
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI152034	Atopic dermatitis: mechanisms of disease progression	\$224,999
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI120202	Maternal Regulatory T cell antigen-specificity	\$390,000
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI127392	Role and Regulation of TSLP in Childhood Allergic Disease	\$763,232
2020	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$1,556,061
2020	OHIO STATE UNIVERSITY	OH	R01AI134895	Revisiting alginate paradigms	\$518,218
2020	OHIO STATE UNIVERSITY	OH	R01AI121124	Infectious Entry Mechanisms of Obligatory Intracellular Pathogen	\$385,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	TRIAD NATIONAL SECURITY, LLC	OH	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$746,545
2020	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI148138	Roles of FFAR 3-SCFA axis in Th2 cytokine production by tissue lymphocytes in EoE	\$397,500
2020	OHIO STATE UNIVERSITY	OH	R21AI142794	Genome editing to prevent HTLV-1 disease	\$234,000
2020	UNIVERSITY OF AKRON	OH	R01AI144115	Integration of Leukotriene and Prostaglandin Receptor Signaling in Mast Cell Activation and Pulmonary Inflammation during Asthma	\$380,000
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI143694	Defining targets of protective immunity to vivax malaria using human monoclonal antibodies	\$774,283
2020	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI152368	The role of aquaporin 4 in alloimmune response	\$361,688
2020	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$195,800
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124657	Functional immune tolerance to non-inherited maternal antigen	\$390,000
2020	OHIO STATE UNIVERSITY	OH	R01AI134972	Identifying novel regulatory pathways underlying T helper 1 cell immune responses	\$362,168
2020	GUILD ASSOCIATES INC	OH	R01AI138971	Rapid multiplex method for direct phenotypic ID/AST of bacterial pathogens	\$1,168,045
2020	Research Institute at Nationwide's Children's Hospital	OH	F30AI143060	Hepacivirus control by vaccine-elicited T cells.	\$33,717
2020	Research Institute at Nationwide's Children's Hospital	OH	R21AI140001	Regulation of Francisella virulence by sRNAs	\$228,000
2020	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA capping and methylation in pneumoviruses	\$469,725
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	F32AI147591	Epithelial antigen presentation in regulation of the host-microbiota relationship	\$65,310
2020	Research Institute at Nationwide's Children's Hospital	OH	R01AI146581	Modeling Antibody-induced Immune Responses by NK cells in Mice and Humans (Resubmission 1)	\$265,607
2020	Research Institute at Nationwide's Children's Hospital	OH	R21AI149414	Defining a novel strategy of adhesion to host carbohydrates employed by Streptococcus oralis	\$191,824
2020	OHIO STATE UNIVERSITY	OH	R01AI145144	Targeting myeloid cells for regulation of alum-based immunity	\$658,306
2020	UNIVERSITY OF TOLEDO	OH	R01AI148570	Methods to synthesize oligosaccharide-fusion protein conjugates and enhancement of their antigenicity	\$550,227
2020	OHIO STATE UNIVERSITY	OH	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	\$347,898
2020	OHIO STATE UNIVERSITY	OH	R01AI130110	Mechanisms of innate resistance to virus infections	\$378,405
2020	OHIO STATE UNIVERSITY	OH	R01AI121405	Epigenetic modulation of T cell tolerance in Multiple Sclerosis autoimmunity	\$438,928
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI130033	Role of Aiolos in eosinophilic asthma	\$390,000
2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI142704	Therapeutic target discovery in pediatric recurrent respiratory papillomatosis	\$198,750

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2020	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI144264	Regulation of B cell function and antibody class switching by c-Rel O-GlcNAcylation	\$200,729
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI140847	Novel approaches to understanding precursor protease autoprocessing in intact viruses	\$516,213
2020	OHIO STATE UNIVERSITY	OH	R21AI137714	Macrophage activation connects impairment of Histoplasma proliferation with phagosomal copper restriction	\$195,000
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$370,113
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$399,391
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI124029	Regulation and Function of Mkp-1 During Sepsis.	\$380,000
2020	UNIVERSITY OF CINCINNATI	OH	R01AI130103	Wimpy antibody isotypes protect against antibody-mediated disease	\$365,342
2020	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI125247	The role of IL-27/Lag3 axis in regulating Foxp3+ regulatory T cell function	\$396,250
2020	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI123176	INNATE MECHANISMS OF REGULATION OF MEMORY TH17 CELL RESPONSES	\$397,500
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI145069	Emerging antibiotic resistance in Gram-negative pathogens	\$665,756
2020	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R21AI142266	Targeted manipulation of the DNA damage response for prevention/treatment of GVHD	\$198,750
2020	UNIVERSITY OF CINCINNATI	OH	R01AI139141	Targeting Human Plasma Cells To Overcome Humoral Responses in Transplantation	\$441,688
2020	UNIVERSITY OF TOLEDO	OH	R21AI144567	Virulence inducing signals of Vibrio cholerae	\$192,501
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI148469	Primaquine metabolism and treatment of P. vivax in Madagascar	\$788,438
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI148875	Small molecule inhibitors of lytic transglycosylase to potentiate beta-lactam antibiotics	\$240,750
2020	OHIO STATE UNIVERSITY	OH	R01AI153216	RNA binding and packaging by retroviral Gag proteins	\$515,252
2020	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI130131	Kruppel-Like Factor 2 Counters Vascular and Immunologic Dysfunction in Child Cerebral Malaria	\$576,496
2020	OHIO STATE UNIVERSITY	OH	R01AI123661	A novel lactic acid bacteria-based norovirus vaccine	\$592,019
2020	UNIVERSITY OF CINCINNATI	OH	R01AI133797	HIF Regulation of Histoplasma Pathogenesis	\$401,250
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI137567	Host response and liver disease in a hepatitis C-like virus rat model	\$496,663
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI134848	Novel carbohydrate binding functions of the CR3 I-domain modulate gonococcal-cervical cell interactions	\$497,699
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R21AI142885	Mkp-1 suppresses immune checkpoint protein PD-L1 to prevent sepsis-associated immune dysfunction and mortality	\$190,000
2020	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI139519	A novel multifunctional role of diverse substrate binding and import by the Haemophilus Sap transporter	\$434,861

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2020	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	UM1AI148372	Cincinnati Children's Hospital Medical Center Vaccine and Treatment Evaluation Units (UM1 Clinical Trial Required)	\$636,246
2020	OHIO STATE UNIVERSITY	OH	R01AI152435	Role of miRNA Dysregulation on T Cell Differentiation and Function in MS	\$498,925
2020	OHIO STATE UNIVERSITY	OH	R01AI151065	Keys to prevent iron hijacking and infection by intracellular bacteria	\$390,000
2020	OHIO UNIVERSITY	OH	R15AI147238	A detailed exploration of the physical and biochemical properties that contribute to RNA thermometer activity	\$447,390
2020	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$481,252
2020	OHIO STATE UNIVERSITY	OH	R01AI126742	The Mechanics of Retroviral Integration	\$390,000
2020	OHIO STATE UNIVERSITY	OH	R00AI125136	Host innate immune response as a barrier to cross-species retrovirus transmission	\$248,918
2020	OHIO STATE UNIVERSITY	OH	R03AI149371	Establishing the roles of lncRNAs in placental infection by <i>Listeria monocytogenes</i>	\$78,000
2020	OHIO STATE UNIVERSITY	OH	R03AI144253	Development of a live attenuated vaccine for visceral leishmaniasis	\$78,000
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI118836	Role of the transcription factor ARID3a in innate immune responses	\$370,000
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI134719	Activation of semi-invariant and diverse NKT cells with an adjuvant combination	\$367,120
2020	UNIVERSITY OF OKLAHOMA	OK	R01AI132836	Permeability Barriers of Gram-negative Pathogens and Approaches to Bypass Them	\$498,640
2020	OKLAHOMA STATE UNIVERSITY	OK	R03AI149638	Overlooked No More: Discovering Pathogens in a National Tick Collection	\$74,800
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$210,207
2020	UNIVERSITY OF OKLAHOMA	OK	R01AI136799	Optimization of efflux avoidance and inhibition for antibiotic development	\$1,048,793
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI139248	Mechanisms of PbgA involvement in <i>Salmonella</i> Typhimurium lipid homeostasis for bacterial pathogenesis	\$360,700
2020	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI144829	Role of Two Interferon Regulatory Genes in Lupus	\$218,500
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in <i>C. difficile</i> disease	\$432,300
2020	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI129458	Characterization of a distinct NKT subset and its role in influenza responses	\$537,917
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$440,794
2020	UNIVERSITY OF OKLAHOMA	OK	R03AI141950	The chemoenzymatic synthesis of daptomycin analogs	\$71,613
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R37AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$441,296

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2020	UNIVERSITY OF OKLAHOMA	OK	R01AI141625	Quantitative Analysis of Serum Autoantibody Repertoires in Systemic Lupus Erythematosus	\$402,042
2020	Progentec Diagnostics, Inc.	OK	R44AI142967	Development of Immune Mediator Based Blood Tests that Inform Concurrent and Future Clinical Disease Activity in Systemic Lupus Erythematosus (SLE)	\$742,933
2020	OKLAHOMA STATE UNIVERSITY	OK	R13AI150092	2019 South Central Medical Mycology Conference	\$6,500
2020	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$548,670
2020	OKLAHOMA STATE UNIVERSITY	OK	R15AI149439	Role of Chlamydia trachomatis Inc Proteins in Modulating the Immune Response	\$441,392
2020	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$368,350
2020	UNIVERSITY OF OKLAHOMA	OK	R03AI142420	Antibiotic Potentiators Targeting Biofilms of MRSA and MRSE	\$70,563
2020	UNIVERSITY OF OKLAHOMA	OK	R21AI148886	Oral carnitine administration as a novel treatment for chronic-stage Chagas disease	\$193,750
2020	OKLAHOMA STATE UNIVERSITY	OK	R21AI149022	An authentic RSV virus-like particle vaccine to achieve broad and long-lasting protection	\$214,721
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	\$385,000
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129980	Memory, Phenotype, and Function of TB-reactive Human MR1 Restricted T cells	\$609,882
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R00AI137300	Structural and Mechanistic Elucidation of NAIP/NLRC4 Inflammasomes in Innate Immunity	\$244,642
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI021640	Molecular Aspects of Cytomegalovirus Latency	\$532,285
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI121160	Function of the Essential KHARON1 Protein in Bloodstream Form African Trypanosomes	\$524,134
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$385,000
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U19AI128741	Development of Immunogenicity- and Efficacy-Optimized CMV Vectors for an HIV/AIDS Vaccine	\$2,321,982
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R33AI127591	Development of Novel Therapeutics for Leishmaniasis	\$454,661
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$572,593
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$411,428
2020	PORTLAND STATE UNIVERSITY	OR	R01AI141972	Novel Multiple-Stage Active Antimalarials	\$637,460
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129976	Distinct pathways for MR1 antigen presentation upon infection with intracellular versus extracellular pathogens	\$370,693
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143620	microRNA Regulation of Gamma-herpesvirus Latency and Reactivation	\$426,264
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI140888	Understanding Unconventional CD8+ T cell Responses in Protection from HIV	\$810,901

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2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI149672	Defining Mechanisms of Viral Persistence in Situ at the Single-Cell Level	\$828,785
2020	OREGON STATE UNIVERSITY	OR	R03AI148953	Calcium transport in Yersinia pestis	\$74,084
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI151079	Calcium Signaling in MR1-Dependent Antigen Presentation	\$231,000
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123148	Metabolite modulation of Mtb regulators of cell wall biogenesis	\$481,646
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143667	Mechanistic Studies of AAP and Capsid Assembly of AAV Vectors	\$761,323
2020	OREGON STATE UNIVERSITY	OR	R01AI143991	Genetic mechanisms of snail/schistosome compatibility	\$367,500
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129703	A nonhuman primate model of stem cell transplantation to understand determinants of post-transplant SIV clearance	\$785,596
2020	OREGON STATE UNIVERSITY	OR	R01AI129957	Biosynthetic studies and development of ribomimetic-based anti-infectives	\$358,366
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI141549	Determining the role of sphingolipids in Mycobacterium tuberculosis infection	\$382,147
2020	OREGON STATE UNIVERSITY	OR	R21AI144511	Acetylation of virulence factor regulatory proteins in V. cholerae	\$178,567
2020	VIROGENOMICS BIODEVELOPMENT INC	OR	R44AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$998,210
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI141412	Development of a Sustained Release Injectable Formulation for Long-Term Delivery of ELQs	\$816,964
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI144008	Adoptive MHC-E-Restricted T Cell Therapy for the Treatment of Chronic Hepatitis B Virus Infection	\$715,124
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI145835	Long Term Immunity Following Yellow Fever Vaccination	\$558,757
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI152498	An optogenetic approach to airway research	\$231,000
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R33AI128970	An IL-15 superagonist approach to clear the latent viral reservoir	\$485,734
2020	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$997,494
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI130055	Innate immunity to enteric virus infection by IFN?-stimulated-gene expression	\$385,000
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132186	An Advanced Vaccine Candidate To Prevent Zika Virus Infection	\$1,093,491
2020	OREGON STATE UNIVERSITY	OR	R01AI130059	The Role of Ubiquitin and Ubiquitin-Like Molecules in Direct Antigen Presentation	\$352,799
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143660	Mechanistic Exploration of cGAS-STING-Mediated Vaccine Enhancement	\$640,563
2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI152609	Development of an mRNA-Based Therapeutic HIV/AIDS Vaccine	\$850,670

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2020	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI144658	The role and fate of Mtb storage lipids LCTAG and MWE	\$244,067
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$420,000
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$506,425
2020	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$1,232,182
2020	UNIVERSITY OF PITTSBURGH	PA	F31AI149971	Lactate transporter MCT1 is required for the high suppressive function of tumor infiltrating regulatory T cells	\$45,520
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin resistance in extensively drug-resistant Gram-negative pathogens	\$493,437
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125284	Regulation of T cell responses to oral antigens	\$402,500
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI130010	Diversity of TFH cells and DSA generation after kidney transplantation	\$652,588
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI125513	Akt controls alternative splicing in T helper cell fate decisions	\$388,425
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI140442	MERS coronavirus: antagonism of double-stranded RNA induced host response by accessory proteins	\$716,467
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI142049	Mechanisms of ceftazidime-avibactam susceptibility and resistance among Enterobacteriaceae expressing variant KPCs	\$179,308
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI144422	Structure, Function and Mechanistic Analysis of LAG3	\$711,977
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144572	Using transgenic parasitic nematodes to investigate Type 2 immunity	\$201,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144838	Extracellular vesicle-associated MAVS and IFN γ in Dermatomyositis	\$201,250
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI145266	Double-stranded RNA during DNA virus infection	\$604,750
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI144390	Candida albicans regulatory pathways contributing to intra-abdominal candidiasis	\$193,811
2020	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI144288	University of Pennsylvania Clinical Autoimmunity Center of Excellence	\$78,890
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI149487	Roles of novel MRGPRX2/MrgprB2 signaling in mast cells on host defense and Inflammation	\$405,000
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI132692	Forward genetic prediction and testing of virulence loci in herpes simplex virus 1	\$394,535
2020	TEMPLE UNIVERSITY	PA	R01AI143256	Synthetic rescue of antigen-driven T cells and alloimmunity	\$643,676
2020	THOMAS JEFFERSON UNIVERSITY	PA	U01AI148117	Role of immune receptor clustering in controlling efficacy of antibody-dependent Fc γ RIIIa-mediated cytotoxicity by NK cells	\$528,500
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI151882	Elucidating the functional roles of long noncoding RNAs in Chikungunya virus infection	\$243,000

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2020	UNIVERSITY OF PITTSBURGH	PA	R01AI145879	Defining cellular receptors for the Bacillus cereus hemolysin BL toxin (HBL) and the development of anti-HBL therapies	\$489,084
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI149456	Host and parasite factors promoting disease and treatment failure in Leishmania braziliensis patients	\$155,044
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI150490	Mechanisms of HIV-1 Env-Mediated Membrane Fusion	\$331,500
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$469,457
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI147383	Molecular Mechanisms of IL-17-dependent autoimmune signaling	\$514,155
2020	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$2,847,823
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI124386	Mechanisms of GM-CSF effect in CNS autoimmune demyelination	\$390,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI116794	Biomedical Computing and Informatics Strategies for Infectious Disease Research	\$463,248
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI122369	Hepatocyte xenografts for treatment of acute liver failure	\$1,001,746
2020	UNIVERSITY OF PENNSYLVANIA	PA	U19AI131130	Engineering a human brain organoid-based platform to study neurotropic viruses	\$1,511,923
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123173	Physiological roles of schistosome TRP ion channels with atypical pharmacology	\$402,500
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123272	Development of a single-dose rabies virus vaccine	\$390,000
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI137132	Investigating the Repertoires and Functions of T Cells that Help Autoreactive B Cells in Lupus	\$382,775
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139060	Targeting mosquito complement to alter the specificity of the innate immune response	\$402,500
2020	THOMAS JEFFERSON UNIVERSITY	PA	R21AI142318	Role of novel host protein, C10orf99, in T cell homing to the large intestine	\$195,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139102	Defining the mechanism and functions of RIPK1-induced cell death in anti-bacterial immune defense	\$525,005
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI145242	Regulation of IL-17 signaling by RNA binding proteins in kidney diseases	\$231,812
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K22AI137220	The Impact of Vancomycin-Resistant Enterococcus on Clostridium difficile Infection	\$107,545
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144732	TET2 Regulation of CD8 T cell differentiation During Chronic Viral Infection	\$201,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139982	Outer Membrane Vesicle (OMV) Production by Salmonella PhoPQ and Inflammasome Activation	\$201,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI132971	The Role of Bet Hedging Strategies in Bacterial Adaptation	\$201,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125265	Resident Memory T cells in Leishmaniasis	\$402,500
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R03AI148884	Cul5 and Triad1 partner to prevent T cell mediated lung inflammation and asthma	\$78,880

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2020	UNIVERSITY OF PITTSBURGH	PA	R21AI146492	Evaluating NanH Sialidase Contributions to Growth, Sporulation and Toxin Action for C. perfringens Type F Food Poisoning Strains	\$195,625
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI144522	Multi-omic Biomarker Discovery and Validation in Heart Transplant Patient Populations	\$856,735
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI146629	A Pediatric Microbial Community?to Dissect Host-Commensal Interactions in Type 1 Diabetes	\$264,000
2020	PENNSYLVANIA STATE UNIVERSITY	PA	F32AI147543	Impact of quorum sensing on type VI secretion activities during symbiosis establishment	\$67,446
2020	UNIVERSITY OF PENNSYLVANIA	PA	K23AI143925	Impact of early gut microbiome features on risk of neutropenic fever and bloodstream infection in hematologic malignancy	\$194,940
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI151073	Characterizing the Molecular Mode of Action of EBV Noncoding RNA EBER1	\$195,625
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI152044	Role of Toll-like Receptor 9 in Fibroblastic Reticular Cell-based Therapy for Intra-abdominal Sepsis	\$405,956
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI149795	Pan-lyssavirus therapeutics and mechanisms of protection against lyssaviruses	\$390,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI148249	Immunity to Cryptosporidium	\$738,461
2020	TEMPLE UNIVERSITY	PA	R01AI143653	Evaluating the intersection between sexually transmitted infections, inflammation and reproductive success	\$492,768
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B cells in the pathogenesis of allograft rejection	\$391,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118861	Innate immune-mediated control of pulmonary Legionella pneumophila infection	\$400,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	\$393,350
2020	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI107735	Paratransgenesis for malaria using Asaia sp. bacteria	\$410,166
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127389	Migration and function of cutaneous B cells	\$312,000
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123241	Class IIa HDAC and MEF2 Targeting to Promote Foxp3 + Treg Cell Functions	\$420,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI128530	Defining the non-apoptotic role of Caspase-8 activity in anti-bacterial immune defense	\$407,486
2020	VENATORX PHARMACEUTICALS INC	PA	R44AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	\$1,000,000
2020	UNIVERSITY OF PITTSBURGH	PA	K08AI132555	A Rationally Targeted Approach to Preventing GBS Infection	\$189,972
2020	TEMPLE UNIVERSITY	PA	R01AI130209	Regulation of Viral Chromatin Architecture During EBV Latency	\$396,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	T32AI141393	Training in Microbial Pathogenesis and Genomics	\$249,808
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$420,000
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI139544	Role of the ADAR1-mediated RNA editing ? RNA sensing axis in sterile inflammation	\$389,979

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2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI143790	Skin microbiome contributions to the pathogenesis of cutaneous leishmaniasis	\$706,604
2020	UNIVERSITY OF PITTSBURGH	PA	R03AI144636	Characterization and suppression of resistance to new CRE agents	\$78,250
2020	WISTAR INSTITUTE	PA	R21AI143385	Host Glycomic Determinants of HIV Persistence in vivo	\$223,250
2020	DREXEL UNIVERSITY	PA	R01AI148679	Antibiotic Recognition and Signaling in Vancomycin-Resistant Enterococci (VRE)	\$388,681
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120489	ROS responses during Vibrio cholerae infection	\$456,861
2020	CARNEGIE-MELLON UNIVERSITY	PA	R01AI139077	Deciphering the Role of Rgg in the Pneumococcal Signaling, Colonization and Virulence Portfolio	\$326,230
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI150214	A new mechanism of antiviral activity of 2'-5' Oligoadenylate Synthetase 1	\$626,580
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI144769	Overcoming antibiotics of last resort: determining the role of compensatory mutations in promoting vancomycin resistance in Staphylococcus aureus	\$234,750
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI150606	CD8 T cell-dependent pathways leading to immunopathology in cutaneous leishmaniasis	\$556,096
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI151264	Rapid, efficient determination of bacteriophage susceptibility	\$215,480
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI151362	Mechanisms of cefiderocol resistance	\$236,750
2020	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI144765	Novel statistical methods for controlled variable selection of microbiome data	\$186,615
2020	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI137550	ZFAND6 regulation of innate antiviral immunity	\$237,480
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI146162	MASPs as therapeutic targets in complement-mediated diseases	\$580,145
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI142638	A VSV vectored vaccine for emergent tick-borne phleboviruses	\$243,000
2020	TEMPLE UNIVERSITY	PA	R21AI151893	Immune recognition mechanisms of bacterial biofilms in the gut	\$237,750
2020	WISTAR INSTITUTE	PA	R01AI135723	Multivalent DNA vaccine-mediated protection against Tuberculosis	\$405,607
2020	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$183,899
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$587,240
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI125650	The Role of the De-condensed Structure of Nascent Chromatin During T Cell Differentiation	\$653,648
2020	DREXEL UNIVERSITY	PA	R01AI132508	Molecular Pathways Affected by Drugs that Disrupt Na ⁺ Homeostasis in Malaria Parasites	\$588,304
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127798	Sexual Development of Cryptosporidium	\$375,000
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121250	IL-33 Blockade as a Novel Therapeutic for T-cell Mediated Hypercytokinemia Syndromes	\$586,684

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2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125524	Splicing and Nuclear Transport of Influenza Virus mRNA	\$517,918
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139895	Novel role of DC1 in vaccine induced CD8 T cell responses	\$201,250
2020	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$1,375,627
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI144472	Towards noninvasive diagnosis of malaria	\$409,626
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI141938	Age-Associated B cells in Autoimmune Lupus	\$230,145
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI143564	Unveiling the chromosomal address of intact HIV clones to provide insights into persistence	\$205,069
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI143758	Experimental evolution of Wolbachia-mediated dengue virus blocking in the mosquito, Aedes aegypti	\$359,114
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI142662	Effects of HIV SIV on unconventional T cells in immunity to M. tuberculosis in pre adolescents	\$1,218,191
2020	MAGEE-WOMENS HEALTH CORPORATION	PA	R61AI142687	Long Acting Film Technology for Contraception and HIV Prevention (LATCH)	\$1,317,796
2020	UNIVERSITY OF PITTSBURGH	PA	R03AI144439	IL-17-dependent RNA binding proteins in immunity to mucosal candidiasis	\$78,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI152195	The c-Rel Checkpoint for Immunosuppression and Immunotherapy	\$509,524
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI152362	Defining the role of microbiota-derived cyclic dinucleotides in priming antiviral immune defenses.	\$405,000
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI144561	In Host Evolution of Nontuberculous Mycobacteria in Cystic Fibrosis	\$272,623
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI143443	SIV cervicovaginal transmission dynamics	\$233,457
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI146235	T cell control of MCMV and tissue-localized immune suppression	\$551,268
2020	SWARTHMORE COLLEGE	PA	R15AI150484	Analysis of the Initiation of an HIV Broadly Neutralizing Antibody Lineage in a Single Host	\$329,233
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI145406	Protein-Oxidized Phospholipid Interactions Determine Epithelial Cell Fate and Asthma Control	\$534,504
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$483,925
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI122749	Antiviral immunity in the gut: how the intestinal epithelium and microbiota regulate infection	\$394,288
2020	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$9,103,699
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$793,942
2020	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$561,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118549	Targeting 5' leader-encoded defective ribosomal products for HIV T cell vaccines	\$703,267
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119069	Targeting RIP1-mediated pathways for immune homeostasis and tolerance	\$390,000

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2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI121166	Leukocyte Activation and Migration in Autoimmune Encephalomyelitis	\$402,500
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121383	Early life antibiotics, gut microbiome development, and risk of childhood obesity	\$719,622
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138078	Unearthing phagocytic IgM+ plasma cells and their previously unrecognized roles in innate and adaptive immunity	\$201,250
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI141934	Function of the Vibrio cholerae RND efflux systems	\$225,908
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128201	Gene delivery for Anopheles mosquitoes	\$381,150
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123341	Mechanisms Governing Translational Regulation During Plasmodium Transmission	\$385,950
2020	DREXEL UNIVERSITY	PA	R03AI139727	Role of Gestational Age in T-Cell Receptor (TCR) Repertoire Development and Response to Infant Respiratory Viral Infection	\$78,250
2020	UNIVERSITY OF PITTSBURGH	PA	R03AI144229	Generation of a ?humanized? CD28 mouse for in vivo studies of role of costimulation during Th17 development	\$77,798
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136626	Changes in Bone Quality, Sarcopenia and Fat Distribution in HIV/HCV Patients after HCV Therapy	\$790,034
2020	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI139828	Development of a Regulatory T Cell Mimetic for Tolerance Induction in Skin Transplantation	\$142,957
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$402,500
2020	VENATORX PHARMACEUTICALS INC	PA	R44AI118115	Advancement of antiviral inhibitors of chikungunya virus	\$1,000,000
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI142744	Unbiased visualization of human ASC subsets	\$188,563
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI149761	Overcoming the immune evasion mechanism of Merkel cell polyomavirus-associated Merkel cell carcinoma	\$260,509
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI152251	Oligodendrocyte extracellular vesicles: a novel therapy for CNS autoimmunity	\$390,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI143676	Transcriptional Checkpoints Of Autoimmune Encephalomyelitis	\$499,613
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI148356	IL-17 regulates LN stromal cell metabolism and function	\$452,166
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI152765	Targeted interventions to reduce or eliminate the SIV reservoir in a novel model of elite control	\$850,199
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	\$520,407
2020	UNIVERSITY OF PITTSBURGH	PA	F30AI147437	Defining the IL-33 signaling networks in allogeneic T cells that mediate graft vs. host disease	\$50,520
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI125565	Dissecting the role of ApiAP2 proteins in transcriptional regulation during Plasmodium falciparum development	\$381,817
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123538	Role of Stx11 and STXBP2 in lytic granule exocytosis in health and disease	\$394,911

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2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127271	Next Generation Missing Data Methods in HIV Research	\$624,003
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI135435	Exploring the Role of RAG1 in Post-transcriptional Gene Regulation	\$220,000
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI138432	Investigating the role of m6A RNA methylation during adenovirus infection	\$67,446
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139890	The role of endothelial and T cells during infection of the vascular compartment	\$201,250
2020	UNIVERSITY OF PENNSYLVANIA	PA	K01AI137317	Impact of donor bacterial infections on solid organ transplant recipient outcomes	\$133,677
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI144081	How chlamydia generates cytoskeletal scaffolds and their role during infection	\$390,000
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI139202	Discovery of Gram-negative permeable chemical probes for tRNA methylation	\$576,878
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139618	A vaccine for genital herpes that achieves sterilizing immunity	\$796,177
2020	UNIVERSITY OF PITTSBURGH	PA	P50AI150481	Pittsburgh Center for HIV Protein Interactions (PCHPI)	\$132,455
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI148240	A Cul5 E3 ubiquitin ligase complex that prevents TH2/TH17 differentiation and allergic asthma	\$539,558
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI149771	A Cellular Pilot of Human T Lymphocytes	\$243,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI150556	Determinants of reservoir contraction and expansion in vivo, ex vivo, and in vitro	\$556,548
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI150151	The Role of FcRn in Echovirus Entry and Pathogenesis	\$438,653
2020	UNIVERSITY OF PENNSYLVANIA	PA	R21AI151607	Signal Transduction in Tuft Cell Response to Infectious Agents	\$243,000
2020	UNIVERSITY OF PITTSBURGH	PA	R37AI118841	Investigating How TLR7 Activates and TLR9 Regulates Systemic Autoimmunity	\$388,425
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123243	Defining human noncanonical inflammasome responses to Legionella pneumophila	\$402,500
2020	DREXEL UNIVERSITY	PA	R01AI128815	Bifunctional Chimeras Targeting Both HIV-1 Env and Host Cell Co-receptors	\$200,000
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI129661	Optimization HIV Inhibition by Allosteric Integrase Inhibitors	\$434,303
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136945	Regulating Leukocyte Migration in Inflammation	\$402,500
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI137062	Defective Viral genomes in RSV pathogenesis	\$439,010
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120810	Studies of the precursor of the human AIDS virus in its natural chimpanzee host	\$672,633
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI135091	Obesity dysregulates immune and metabolic status in asthma and alters infection susceptibility.	\$186,948
2020	DREXEL UNIVERSITY	PA	F31AI136385	Investigating How VanS Induces Vancomycin Resistance Genes: Vancomycin Sensing and Signal Transduction	\$46,012

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2020	UNIVERSITY OF PITTSBURGH	PA	T32AI138954	University of Pittsburgh Training Program in Antimicrobial Resistance	\$172,322
2020	UNIVERSITY OF PITTSBURGH	PA	R00AI128029	Characterization of pneumococcal secretion chaperones required for virulence	\$249,000
2020	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI148456	Epigenetic regulation of esophageal epithelial barrier function in eosinophilic esophagitis	\$185,328
2020	TEMPLE UNIVERSITY	PA	R01AI152506	Defining STIM1 function at the Immunological Synapse	\$396,250
2020	UNIVERSITY OF PITTSBURGH	PA	U01AI152969	Native-like Envelope Trimer Therapeutic Vaccination for Induction of Broadly Neutralizing Antibodies to Facilitate HIV Functional Cure	\$1,173,561
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$477,728
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$457,682
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$381,529
2020	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123521	Regulation of B cells by Selenium	\$393,000
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$716,844
2020	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131251	SHIV/HIV Env-Antibody Coevolution as a Guide to Iterative Vaccine Design	\$3,242,287
2020	UNIVERSITY OF PITTSBURGH	PA	U01AI136779	Regulatory Dendritic Cell Therapy in Live Donor Renal Transplant Recipients	\$950,805
2020	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI134732	Development of Benzodiazepine YFV NS4B inhibitors as therapeutic agents for Yellow Fever	\$716,197
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139123	Very early plasma cell differentiation	\$562,174
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI143788	Development of a Self Inactivating, Highly Effective TB Vaccine	\$780,015
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$391,748
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI145881	Tertiary Lymphoid Organs in Transplantation	\$385,600
2020	UNIVERSITY OF PENNSYLVANIA	PA	R01AI138782	Role of SIV and HIV Env cytoplasmic tail in pathogenesis and protective immunity	\$752,353
2020	TEMPLE UNIVERSITY	PA	R01AI145034	CD4 T cell-targeted nanoparticle in vivo delivery of CRISPR/Cas9 genome editors for HIV cure	\$768,325
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI143179	Function of virion-associated ICP4 in HSV-1 infection	\$234,750
2020	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI149319	High-throughput surveillance of gut mucosal polysaccharides	\$237,480
2020	THOMAS JEFFERSON UNIVERSITY	PA	R01AI141787	Local immune tolerance in the large intestine mediated by GPR15	\$546,983
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI151615	A novel diabetic co-infection model to study pathogen interaction during co-infection	\$209,496
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI122640	Molecular studies of VZV infection, latency and reactivation in human neurons in-vitro	\$462,345
2020	UNIVERSITY OF PITTSBURGH	PA	R01AI150792	Live-attenuated Rift Valley fever vaccines: comparative mechanisms of trans-placental transmission and vaccine efficacy for developing fetuses	\$677,858

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2020	TEMPLE UNIVERSITY	PA	R21AI148770	Pathogenicity of amyloid containing biofilms	\$237,750
2020	UNIVERSITY OF PITTSBURGH	PA	R21AI144558	Defining how T cells measure the strength of T cell receptor signals	\$194,495
2020	Nexeos Diagnostics, Inc.	PA	U44AI152966	Novel, Non-Invasive Imaging of Eosinophil-Related Inflammation Throughout the Esophagus in Patients with Eosinophilic Esophagitis	\$299,982
2020	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$731,993
2020	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	R01AI148264	Dengue-Zika: Correlates of Cross-Protection in Non-Human Primates	\$714,650
2020	RHODE ISLAND HOSPITAL	RI	R21AI142456	Entry and post entry effect of NTCP receptor on HBV life cycle	\$241,500
2020	GORDON RESEARCH CONFERENCES	RI	R13AI150040	2020 Biology of Acute Respiratory Infection Gordon Research Conference and Gordon Research Seminar	\$6,500
2020	BROWN UNIVERSITY	RI	R21AI144651	Defining the Impact of Intra-Species Diversity on C. albicans Biology	\$209,768
2020	BROWN UNIVERSITY	RI	R01AI122217	Regulation of MCMV Persistence by Natural Killer Cells	\$436,519
2020	BROWN UNIVERSITY	RI	R01AI144014	Multi-target blood stage vaccine against Plasmodium falciparum	\$400,000
2020	GORDON RESEARCH CONFERENCES	RI	R13AI150089	2020 Food Allergy Gordon Research Conference and Gordon Research Seminar	\$10,000
2020	GORDON RESEARCH CONFERENCES	RI	R13AI149786	2020 Signal Transduction in Microorganisms Gordon Research Conference and Gordon Research Seminar	\$5,000
2020	BROWN UNIVERSITY	RI	R13AI152367	Candida and Candidiasis Conference 2020	\$7,500
2020	GORDON RESEARCH CONFERENCES	RI	R13AI150096	2020 New Antibacterial Discovery and Development GRC/GRS	\$6,500
2020	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$406,250
2020	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$191,487
2020	RHODE ISLAND HOSPITAL	RI	R01AI116629	Use of Biomimicry to Determine the Effect of Sepsis on Neutrophil Traction	\$408,754
2020	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$408,047
2020	MIRIAM HOSPITAL (THE)	RI	K24AI134359	HIV Drug Resistance, Monitoring and Transmission	\$138,943
2020	UNIVERSITY OF RHODE ISLAND	RI	R01AI139473	Novel adjuvant to boost humoral and cellular immune responses against influenza	\$410,303
2020	RHODE ISLAND HOSPITAL	RI	R01AI141522	Mechanism and activity of beta-lactam resistant enzymes in E. faecium and E. faecalis	\$728,363
2020	RHODE ISLAND HOSPITAL	RI	K23AI145411	HIV in Injury: eValuation of Self-Testing in African Emergency Care for the Injured (HIV AECI)	\$198,279

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2020	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$618,272
2020	RHODE ISLAND HOSPITAL	RI	K24AI119158	Midcareer Investigator Award in Patient-Oriented Research	\$177,221
2020	BROWN UNIVERSITY	RI	R01AI137410	Impacts of Environment, Host Genetics and Antigen Diversity on Malaria Vaccine Efficacy	\$700,429
2020	MIRIAM HOSPITAL (THE)	RI	R01AI136058	Real Time Phylogeny and Contact Tracing to Disrupt HIV Transmission	\$673,502
2020	PROTHERA BIOLOGICS LLC	RI	R44AI141283	Rapid Test to Assist Therapy in Neonatal Sepsis and Necrotizing Enterocolitis	\$862,493
2020	BROWN UNIVERSITY	RI	F31AI143163	The role of the subpellicular microtubule array in Trypanosoma brucei cytokinesis	\$45,520
2020	GORDON RESEARCH CONFERENCES	RI	R13AI150021	2020 Antibody Biology & Engineering Gordon Research Conference and Gordon Research Seminar	\$8,000
2020	BROWN UNIVERSITY	RI	R01AI141893	Genetic Regulation of Heritable Switching in Candida albicans	\$547,659
2020	GORDON RESEARCH CONFERENCES	RI	R13AI150023	2020 Biology of Spirochetes GRC/GRS	\$11,000
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI128864	On the pathogenic role of anti-CD4 antibody in poor CD4+ T cell recovery after antiretroviral therapy in HIV disease	\$207,892
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K08AI121348	Elucidating Mechanisms of Treatment Relapse for Interferon-Free HCV Therapy	\$90,410
2020	UNIVERSITY OF SOUTH CAROLINA	SC	K22AI136686	A Solid-State Nanopore Biosensor for Rapid Detection of Mycobacterium tuberculosis Antigens in Pediatric Blood Samples	\$106,001
2020	NUBAD LLC	SC	R41AI142856	Aminoglycosides with reduced ototoxicity via miRNA targeting	\$397,674
2020	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI149810	Control of Facial Amphiphilicity to Tune Macromolecular Interactions with Bacteria	\$369,070
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI144364	Epithelial cell complement production in the pathogenesis of chronic rhinosinusitis	\$425,970
2020	CLEMSON UNIVERSITY	SC	R01AI143707	Regulation of the physiology and function of the digestive vacuole in Toxoplasma gondii	\$381,090
2020	NUBAD LLC	SC	R41AI152613	Delivery of chemically modified PNA oligomers	\$299,999
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI129411	Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis	\$556,523
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125159	A Phase II Controlled Trial of Allogeneic Mesenchymal Stem Cells for the Treatment of Refractory Lupus	\$707,818
2020	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI123947	AhR ligands in epigenetic dysregulation of T cells	\$379,495
2020	PURILOGICS, LLC	SC	R43AI149987	SBIR Phase I: Hemagglutinin-specific affinity capture membrane for rapid purification of influenza vaccines	\$251,170
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	T32AI132164	Program in Immunology Research and Entrepreneurship (PIRE)	\$291,793

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI138511	Role of microbiota-TLR7/8 Interaction in systemic lupus erythematosus	\$686,159
2020	CLEMSON UNIVERSITY	SC	K22AI134677	Defining and harnessing macrophage pathways for Aspergillus clearance in vivo	\$108,000
2020	UNIVERSITY OF SOUTH CAROLINA	SC	R03AI135614	Flexible biomarker evaluation through a cost-effective data collection mechanism	\$73,250
2020	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI129788	Epigenetic Mechanisms of T Cell Dysregulation in PTSD	\$470,863
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,453,087
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$562,733
2020	VANDERBILT UNIVERSITY	TN	F31AI152332	Characterizing the human antibody response to henipavirus infection	\$30,231
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI127828	Human neutralizing antibodies for Zika virus	\$649,057
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI142509	Control of Antifungal Drug Tolerance through the Aspergillus fumigatus Kinome	\$190,000
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI124456	GLP-1R signaling in allergic inflammation	\$397,523
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI141448	Cell Intrinsic Immune Control of KSHV	\$424,580
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI139172	Functional Antibody Repertoire Against S. aureus Leukocidins after Invasive Human Infection	\$674,014
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI125481	Eosinophils as Regulators of Host Immunity against Influenza Infections	\$384,278
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI146698	Rotavirus Outer Capsid Functions in Neutralization	\$255,000
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI105887	Metabolic checkpoint in dendritic cell subsets and adaptive immunity	\$448,750
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI150701	The Staphylococcus aureus response to nutrient zinc restriction during infection	\$424,580
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$472,340
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$394,304
2020	MEHARRY MEDICAL COLLEGE	TN	R01AI125662	Structure and function of the Trypanosome TIM complex	\$30,068
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128805	MECHANISMS REGULATING AVIAN INFLUENZA VIRUS INFECTIONS IN HUMANS	\$192,433
2020	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI132581	The Genetic Basis of Cytoplasmic Incompatibility	\$392,380
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI132560	The impact of hypoxia on Staphylococcus aureus metabolism and virulence during osteomyelitis	\$376,701
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI142044	Molecular mechanisms governing the regulation of innate antiviral immunity by the SRMS kinase	\$207,187
2020	VANDERBILT UNIVERSITY	TN	F32AI140557	The impact of replication-transcription conflicts on bacterial pathogenesis	\$69,306
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI142095	Single cell molecular analysis of influenza vaccine responses in elderly individuals	\$508,278

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2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI145686	Registry Linkage to Improve Mortality Ascertainment and Assessment of Engagement in Care in Brazil, Mexico, and Peru	\$219,844
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$448,750
2020	VANDERBILT UNIVERSITY	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$375,452
2020	UNIVERSITY OF TENNESSEE	TN	R01AI116571	Membrane alterations and daptomycin tolerance	\$343,436
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI124346	The Non-Inflammasome NLRs in Immunity and Host defense	\$448,750
2020	VANDERBILT UNIVERSITY	TN	F30AI138424	The impact of host hypoxic signaling on antibacterial immunity and bone repair during Staphylococcus aureus osteomyelitis	\$50,520
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI143710	The effectiveness of RSV immunoprophylaxis on the short- and long- term respiratory morbidity in children with Down syndrome	\$506,593
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$573,287
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$176,871
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$448,750
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI131703	Regulation of TH17 plasticity and stemness by mTORC1	\$448,750
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$65,400
2020	VANDERBILT UNIVERSITY	TN	F32AI140694	The mechanistic basis of how symbionts assist vector control	\$65,310
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U19AI142762	Center of Excellence for Encephalitic Alphavirus Therapeutics	\$3,469,631
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$453,264
2020	IQUITY LABS, INC.	TN	R44AI145505	Long non-coding RNA signatures to track treatment responses in multiple sclerosis	\$499,995
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI143197	Non-cyp51A-mutation Mediated Triazole Resistance in Aspergillus fumigatus	\$702,163
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI151100	Defining the impact of zinc on Streptococcus agalactiae biofilm and colonization	\$185,436
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI150302	The Risk of HIV Acquisition among Traditional Healers in South Africa: Implementing Novel Strategies to improve protective Behaviors	\$191,431
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$811,999

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2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$975,000
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI131620	Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in Candida glabrata	\$467,798
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$448,750
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI123322	Establishment, maintenance, and consequences of asymmetric cell division in T cells	\$448,750
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI130459	Antigenic landscape of the human helminth IgE antibody response	\$357,802
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$448,750
2020	VANDERBILT UNIVERSITY	TN	R01AI136301	Understanding the structural basis of T cell receptor (TCR) and preTCR mechanosensing: single molecule, NMR and molecular dynamics studies	\$766,731
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI144193	Alu RNAs and double-stranded RNA sensors	\$212,500
2020	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI136255	Peptidoglycan remodeling during zinc starvation in Acinetobacter baumannii	\$5,841
2020	VANDERBILT UNIVERSITY	TN	R01AI143725	The Mechanism of Cytoplasmic Incompatibility	\$386,300
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$394,478
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$672,084
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$1,353,527
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$445,127
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI125642	Risk Stratification and Decision Support to Improve Care and Outcomes in Children with Pneumonia	\$545,428
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI141621	Pneumococcal dynamics in the conjugate vaccine era: Addressing unanswered questions	\$183,027
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI146614	A novel genetic tool to investigate T cell development and function	\$224,375
2020	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI150828	Development of RT-OLA-PCR assays for HIV drug resistance testing at Nigerian antenatal clinics	\$197,500
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI150739	Structure based design of trimer interface epitope focused universal influenza vaccines	\$1,265,006
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$394,826
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128756	Bioactivities of pneumococcal cell wall in neuropathogenesis	\$448,750
2020	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI129229	Roles of replication fidelity in viral RNA synthesis, population diversity, and overall fitness of coronaviruses	\$38,140

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2020	MEMPHIS STATE UNIVERSITY	TN	R01AI121226	Does epigenetic methylation explain the gender-switch in adolescent asthma?	\$614,229
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131771	Statistical methods for correlated outcome and covariate errors in studies of HIV/AIDS	\$534,133
2020	UNIVERSITY OF TENNESSEE	TN	R21AI142862	Impact of metabolic regulation on viral neuro-virulence	\$183,750
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI145397	Host genetics of allergen-induced lung TSLP expression and ILC2 function	\$212,500
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI149207	Mechanisms underlying poor skin host defense in diabetic conditions	\$254,580
2020	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI151561	Complement-mediated anti-pneumococcal functions of C-reactive protein	\$370,000
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI145992	Defining the impact of host factors on the molecular architecture and bacterial physiology of Staphylococcus aureus abscesses	\$800,040
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI150384	Inositol Polyphosphates and HIV-1 Maturation	\$255,000
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI149303	Adenovirus Types and Acute Respiratory Illness Severity in Children	\$212,500
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI151210	Macrophage mitochondrial reprogramming and innate immune memory	\$442,368
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,505,841
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131722	Neutralization Fingerprinting Analysis of Polyclonal Antibody Responses against HIV-1	\$617,708
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI141829	Targeted and forward genetic approaches to decipher the pathogenesis of symptomatic vulvovaginal candidiasis	\$228,000
2020	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R33AI127607	Broad spectrum antifungals targeting fatty acid biosynthesis	\$483,500
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI145265	PGI2 augments Treg function	\$535,602
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI143005	The Effect of PGI2 on T regulatory Cell Function in Allergic Disease	\$27,213
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI149722	Manipulating & imaging nutrient micro-milieus as B cells effect humoral immunity	\$542,544
2020	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI144616	DIVINCI: Dissection of Influenza Vaccination and Infection for Childhood Immunity	\$4,966,751
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI142321	Integrated Metagenomic and Metatranscriptomic Characterization of Inflammatory Chronic Rhinosinusitis Endotypes	\$255,000
2020	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R03AI146393	Identification and development of antimicrobial peptoids effective against cross-kingdom biofilms	\$65,400
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K24AI148459	Mentoring in transmission of influenza and strategies for prevention	\$178,602
2020	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI148452	Vanderbilt Vaccine and Treatment Evaluation Unit	\$928,755
2020	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$665,150

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2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$631,658
2020	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$999,010
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI118736	Regulation of cell cycle transition by a cyclin-dependent kinase in trypanosomes	\$385,000
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI138392	Analysis of factors controlling coxsackievirus population dynamics in the intestine	\$67,446
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI123278	Diet driven evolution of epidemic ribotypes of Clostridium difficile	\$396,250
2020	BAYLOR COLLEGE OF MEDICINE	TX	R21AI137710	Enteric Calicivirus Viroporin-Mediated Calcium Signaling	\$232,166
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI142406	Inflammasome activation and ehrlichial dissemination in tick vs needle transmission	\$79,000
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI144719	Engineered receptors for CMV-targeted adoptive T cell immunotherapy	\$184,904
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U19AI142784	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$7,381,267
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121012	Epac1 Plays a Critical Role in Bacterial Adhesion during Rickettsioses	\$387,500
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI141945	IDENTIFY NOVEL NEUTRALIZATION-SENSITIVE EPITOPES OF COXIELLA BURNETII	\$224,750
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI140569	Pellino-1, a novel target for treatment of congenital Zika syndrome	\$40,702
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI145287	Molecular basis of viral DNA sensing through the cGAS-STING pathway	\$362,292
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI150445	Determining the efficacy of a novel TB diagnostic test to monitor treatment success in drug resistant TB patients	\$227,841
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI144541	Role of metabolic Me-macrophages in the pathogenesis of tuberculosis during diabetes	\$245,374
2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI151914	Activation of TGFbeta by a gut pathobiont	\$196,258
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI146081	Interplay between coronaviruses and nonsense-mediated mRNA decay pathway	\$309,206
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	F32AI152348	Linking Receptor-Mediated Phagocytosis and cAMP Pathways in Macrophage Responses to Tuberculosis	\$72,558
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI132798	Innate modulation of autoimmune, regulatory, and effector B cells in adipose tissue	\$381,250
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	\$398,750
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$189,003
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI127521	Structure, Function and Antigenicity of Coronavirus Spike Proteins	\$613,032

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2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI053067	Quorum Sensing Regulation of EHEC Virulence Genes	\$567,000
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI137412	Identification of essential factors contributing to vector colonization and transmission of relapsing fever spirochetes	\$396,250
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI135803	FUNGAL PATHOGENESIS OF MODERATE TO SEVERE ASTHMA	\$505,156
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R33AI127381	Redirected T Cell Therapy to Cure Invasive Fungal Infections	\$447,011
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI144328	The role of IL-1 family of cytokines in tick-transmitted ehrlichiosis	\$197,500
2020	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI139650	Study the interaction between Lipopolysaccharide-Binding Protein and Immune Cell Membranes	\$74,250
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI145539	Effect of HIV infection on M.tuberculosis granuloma formation and evolution	\$243,750
2020	SANO CHEMICALS, INC.	TX	R42AI131792	Preclinical Development of OCF001 for Treatment of Yeast Infections	\$965,515
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI121500	Assessing the roles of biofilm structure and mechanics in pathogenic, persistent infections	\$233,747
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI149136	Molecular basis of Wnt activation by Ehrlichia Wnt ligand mimics	\$232,922
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI147903	In vitro and in vivo analysis of susceptibility of Ad26 vector-induced CD4 T cells to HIV/SIV	\$237,000
2020	BAYLOR COLLEGE OF MEDICINE	TX	K08AI143968	Discovering the Immunologic Mechanism of Ascaris-induced Allergic Airway Disease.	\$187,477
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI144888	Role of mTOR signaling in endothelial responses to Rickettsia rickettsii infection.	\$237,000
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI143452	Comprehensive HIV+/- Analysis of inflammation in transGender women on Estrogen Supplementation: The CHANGES Study	\$178,526
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$346,500
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121452	Trajectory of Vector-adaptive Chikungunya Virus Evolution	\$454,813
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI150715	Kinase regulation of trafficking at the Toxoplasma intravacuolar network	\$403,782
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI146880	Compositional, biophysical, and functional consequences of membrane scrambling in immune cells	\$232,500
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$396,250
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$398,750
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$378,830

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2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI122720	Regulation and Consequences of Ets1 Downregulation in B Cells	\$524,144
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	\$381,922
2020	BAYLOR COLLEGE OF MEDICINE	TX	R33AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$461,232
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$497,393
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130126	Mechanisms of Parasite Dissemination in Visceral Leishmaniasis	\$548,179
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI144731	Eliminating autoantibody-producing plasma cells in neuroinflammation via ERK inhibition	\$187,084
2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI137803	Internal Toxin Neutralizer for Treating STEC-infection	\$231,000
2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Secretion Effector Proteins in Coxiella burnetii	\$367,669
2020	UNIVERSITY OF TEXAS, EL PASO	TX	R03AI142553	Computational modeling of broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism	\$75,500
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI149275	Process specific cellular screening for antimalarial drug discovery	\$224,500
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI142378	Structure analysis of F pilus biogenesis	\$192,916
2020	BAYLOR COLLEGE OF MEDICINE	TX	UM1AI148575	Vaccine and Treatment Evaluation Units (VTEU)	\$1,047,549
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI135061	The Germinal Center and T cell help in Three Phases of Clearance of Plasmodium	\$393,612
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R03AI144711	Vectorial capacity of American triatomines for multiple strains of Trypanosoma cruzi	\$74,250
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	The flavin-centric metabolic lifestyle of Treponema pallidum	\$545,060
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI132492	IRF4-dependent T-cell effector programs in governing transplant outcomes	\$403,750
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127711	Modulation of Host Cell Environment by Mycobacterial PE/PPE Proteins	\$552,072
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R24AI120942	World Reference Center for Emerging Viruses and Arboviruses (WRCEVA)	\$1,083,653
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI125216	Contribution of LiaFSR to pathogenesis and carriage of group A Streptococcus	\$385,000
2020	TEXAS A&M AGRILIFE RESEARCH	TX	K01AI128005	Consequences of pathogen co-infection in mosquitoes on West Nile virus transmission	\$107,149
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI142569	Modulation of the Allergenicity of Cedar and Ragweed Pollen Major Allergens	\$197,500
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI127387	Regulation of Innate Dendritic Cell CTLA-4	\$396,250

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2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$476,544
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125292	Role of response regulator phosphorylation in group A streptococcal pathogenesis	\$400,000
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133386	Gut Microbiome and Chlamydia pathogenicity in the upper genital tract	\$186,845
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI141877	Unique ADP-ribosylating and vacuolating properties of Mycoplasma pneumoniae CARDS toxin trigger airway inflammation and disease progression	\$456,110
2020	TEXAS TECH UNIVERSITY	TX	R21AI138589	BCA2's modulation of NF-kB and its role in proviral latency	\$215,454
2020	BAYLOR COLLEGE OF MEDICINE	TX	R56AI140872	Development of a safe and effective RBD-based vaccine against MERS-CoV	\$433,814
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI150045	Response to Immune Associated Stress	\$475,861
2020	LUMINOSTICS, INC.	TX	R44AI152854	A smartphone-based point-of-care test for detection of Neisseria gonorrhoeae	\$252,131
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI151259	Role of mucin sulfation and sulfation-specific adhesins in AIEC colonization	\$245,749
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$514,433
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$530,667
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$398,750
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI129906	T cell fate decisions and transplant outcomes	\$403,750
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI130460	Dynamic learning for post-vaccine event prediction using temporal information in VAERS	\$766,226
2020	TEXAS TECH UNIVERSITY	TX	R01AI121322	Microneedles for allergy immunotherapy	\$363,495
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$189,000
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125264	Orchestrating intestinal immunity through microbiota-CX3CR1+ cell interactions	\$393,910
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K24AI121296	POR Program on Genomic Prediction of Antimicrobial Resistance in VRE	\$170,305
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$441,855
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI142570	Immunomodulatory Function of Epithelial Exosomes in Respiratory Syncytial Virus Infection	\$197,500
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134611	Structural Basis for Antiviral Drug Mitochondrial Toxicity	\$391,230
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K08AI135093	Role of YxdJK and DAK in the Enterococcal Envelope Stress Response	\$185,760

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2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI133822	Defining Protective Responses in Hematopoietic Cells Mediated by STAT3 Anti-Inflammatory Activity	\$429,402
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI135005	Development of a multivalent vaccine against Coccidioides infection	\$378,010
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134907	A High-Throughput Platform for COVID-19 Serodiagnosis, Vaccine Evaluation, and Drug Discovery	\$1,292,394
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI141661	Epitope-Based Design and Modified RNA Platform for Bivalent Marburgvirus Vaccine	\$769,175
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI141465	The role of structural plasticity in the norovirus capsid	\$559,337
2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI144459	High Throughput Screening for Non-antibiotic inhibitors of Clostridium difficile Pathophysiology	\$736,192
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI149100	The role of the circadian clock in the behavior of the malaria mosquito Anopheles coluzzii	\$225,750
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI149015	Apply an imaging flow cytometry method to screen chemical libraries for identifying and repurposing novel drugs against coccidioidomycosis	\$182,668
2020	TEXAS A & M UNIVERSITY	TX	R21AI139738	Accelerating discovery of neutralizing paratopes with Functional Antibody Screening Technology	\$225,750
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI149608	Controlling Arbovirus Transmission: Population Suppression and Virus-Induced Mosquito Death	\$150,375
2020	BAYLOR COLLEGE OF MEDICINE	TX	R03AI149201	Plant Exosomes and MicroRNAs Regulate the Microbiome and Intestinal Homeostasis	\$72,919
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI146048	Molecular mechanism of streptococcal adaptation to host nutritional defenses	\$403,750
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI151724	Genital Chlamydia spreading to the gastrointestinal tract promotes chlamydial pathogenicity in the upper genital tract	\$226,842
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI122753	Systematic evaluation of B. pertussis ACT's role as a protective antigen	\$374,533
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI151313	Small Regulatory RNA Function in Bacillus anthracis	\$190,352
2020	TEXAS ENGINEERING EXPERIMENT STATION	TX	R21AI149383	Design of hetero-multivalent targeted liposome for combating intracellular Mycobacterium tuberculosis	\$188,438
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$396,250
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI116722	Negative regulation of C-type lectin receptor signaling in response to fungal infection	\$400,000
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI151708	Sting Trafficking and Signaling Beyond Interferon	\$524,140
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$636,596
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137779	Sonic Hedgehog Regulation of Apoptosis During Ehrlichia Infection	\$197,500

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2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125397	Uracil DNA Glycosylases in Gammaherpesvirus Pathogenesis and B Cell Development	\$485,503
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI142126	Impact of a novel emm-enn gene fusion event on epidemic behavior of group A streptococcus	\$196,820
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI143229	Molecular basis of the cefazolin inoculum effect	\$233,638
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI125337	A High-Throughput Molecular Platform for Antimicrobial Discovery and Study	\$404,429
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI143248	Adrenergic Control of Memory T Cells by Circadian Rhythms	\$202,500
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI137112	DNA repair pathway choice and significance in targeted genome editing of Aedes aegypti	\$425,420
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI144140	The Functions of Novel FOXP1 Compound Heterozygous Mutations in PIDs Patients	\$202,500
2020	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI137462	Utilizing Glycoside Hydrolases to Degrade Biofilms in Wounds	\$127,878
2020	BAYLOR COLLEGE OF MEDICINE	TX	R01AI143832	Discovery of Carbapenemase Inhibitors Using DNA-Encoded Chemical Libraries	\$604,280
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI132751	Interferon-mediated control of neuropathogenic Flaviviruses	\$148,770
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI147178	Elucidating the function of a family of respiratory viral long noncoding RNAs	\$228,535
2020	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI143643	Characterizing a Self-Digesting-Mediated Reversible Drug Tolerance Mechanism in Bacteria	\$382,500
2020	Entvantage Diagnostics, Inc	TX	R44AI150203	Sinu-Test, A Multiplexed Device for Rapid Diagnosis of Acute Bacterial Sinusitis	\$762,667
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K24AI150992	Mentoring Patient Oriented Research in the Microbiome of Cancer and Stem Cell Transplant Patients	\$121,495
2020	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI151644	Lyme disease spirochete adhesion to tick cells	\$187,239
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI139408	Epigenetic reprogramming of the malaria parasite	\$244,750
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R33AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	\$448,294
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI152200	Engineering pathogen triggered biomineralization to enable a new generation of point-of-care tests	\$297,000
2020	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$365,890
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123434	Genetic Basis of Praziquantel Resistance	\$684,991
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123165	Mechanisms of KSHV posttranscriptional gene regulation	\$405,000
2020	TEXAS TECH UNIVERSITY	TX	R01AI137846	Development of a Universal Influenza Vaccine Against Influenza A and B Viruses	\$703,942

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2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	\$375,738
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI151901	Development of a novel RNA interference method to reduce Cryptosporidium infection	\$237,000
2020	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	\$458,687
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI133313	The Role of TSH-beta Splice Variant in Health and Disease	\$193,125
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI143304	Characterization of novel virulence factors in Candida	\$514,309
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI127503	Targeting trypanosomatid deoxyhypusine synthase	\$459,000
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K01AI143881	Identifying Risk Factors for Antibiotic Resistance via Integration of Epidemiology and Metagenomics	\$110,387
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI138017	Cinnamon and Spice as Adjuvants are Nice? Evaluation of Transient Receptor Potential Channels as Targets to Improve Bioavailability of and the Immune Response to Film-Based Oral Vaccines	\$228,125
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI142785	Advancement of Vaccines and Treatments for Ebola and Marburg Virus Infections	\$7,339,433
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI121037	The Biology of Stem Cells in the Human Parasite Schistosoma Mansoni	\$405,000
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI150982	Resolution of Inflammation by the SIX-family Transcription Factors	\$408,021
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI151725	Defective viral RNAs promote a pro-viral stress response via host non-coding RNAs	\$276,500
2020	PELICAN THERAPEUTICS, INC.	TX	R41AI149916	Application of TNFRSF25 agonists for prophylaxis and treatment of graft versus host disease	\$224,713
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI148118	Systematic, molecular level analysis of the Fc receptor ligation on antibody effector functions	\$474,247
2020	TEXAS A & M UNIVERSITY	TX	R21AI144454	Role of circadian rhythms in the susceptibility to Clostridium difficile infection	\$215,884
2020	BAYLOR COLLEGE OF MEDICINE	TX	R03AI144187	Defining the ecology of tick-borne relapsing fever Borrelia turicatae in Austin, Texas.	\$80,063
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$99,943
2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$379,668
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K23AI117024	PREDICTORS OF RESPONSE TO BRONCHIAL THERMOPLASTY IN SEVERE ASTHMA	\$167,400
2020	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$923,047
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$474,357
2020	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI142327	Antimicrobial, anti-inflammatory, analgesic, silver-based, electrospun bandages for superior wound healing	\$222,750

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2020	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI142418	Viral Nucleic Acid Stimulation of Translation	\$189,443
2020	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular mechanisms regulating TLR signaling and inflammation	\$405,000
2020	BAYLOR COLLEGE OF MEDICINE	TX	R21AI136876	In vivo production of a potassium channel inhibitor for immunomodulation	\$198,125
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI129198	Sequelae of Lassa Fever	\$742,240
2020	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132354	Mechanoregulation of EHEC virulence	\$456,039
2020	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI127692	Translational Control of Morphology and Virulence in Candida albicans	\$391,110
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI116812	tRNA-derived RNA Fragments (tRFs) and their Functions in Respiratory Syncytial Virus (RSV) Infection	\$387,500
2020	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI121147	Balance of Thymic Negative Selection vs. Treg Cell Generation in the Elderly	\$328,500
2020	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI144203	Defining Arbovirus-Host Interactions Using a Novel Caenorhabditis elegans-based System	\$202,500
2020	BAYLOR COLLEGE OF MEDICINE	TX	R21AI144555	A novel mucosal trichuriasis vaccine for Th2 immune protection.	\$240,043
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI140249	Engineering Fetal Cell Exosomes to contain HMGB1: Its trafficking and role as an inflammatory activator in uterine cells	\$145,500
2020	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI139369	Determinants of Streptococcus pyogenes virulence in the primate oropharynx: A genome-wide analysis	\$201,875
2020	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$438,812
2020	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI138129	Tick saliva determinants of Borrelia burgdorferi transmission	\$217,959
2020	EPICYPHER INC	TX	R44AI134162	Rapid quantification of nuclear citrullination in human neutrophils	\$993,542
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI146227	Mechanistic function of HCV NS5A targeted by the potent inhibitors	\$569,025
2020	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI150917	Safety and immunogenicity of a novel Rift Valley fever candidate vaccine, RVax-1	\$402,795
2020	UNIVERSITY OF UTAH	UT	R01AI135045	Schistosoma Mansoni Infection During Pregnancy: Dissecting the Implications to Fetal Immunity	\$462,499
2020	SAB CAPRA LLC	UT	R42AI131823	Production and Characterization of Human Immunoglobulin Producing Goats for Diagnostic Reagents and Therapeutics	\$743,067
2020	UNIVERSITY OF UTAH	UT	R01AI137248	TCR-dependent activation, functional differentiation and memory formation of CD4+ T cells following infection	\$497,938
2020	UNIVERSITY OF UTAH	UT	R01AI145877	Pathogenic role of innate immune cells in lupus nephritis	\$444,467

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2020	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$495,529
2020	CURZA GLOBAL LLC	UT	R44AI152665	A new class of broad-spectrum antibacterials for treating MDR infections	\$1,000,000
2020	UNIVERSITY OF UTAH	UT	R01AI135115	Estimating Cholera Burden with Cross-sectional Immunologic Data	\$667,663
2020	UNIVERSITY OF UTAH	UT	R01AI130255	Characterizing the role of antimicrobial peptide resistance in plague transmission	\$381,250
2020	UTAH STATE UNIVERSITY	UT	R15AI124108	Mechanisms of Type III Secretion System ATPase Activation and Regulation	\$420,130
2020	UNIVERSITY OF UTAH	UT	R01AI130378	Mucosal associated invariant T (MAIT) cells in Vibrio cholerae infection and vaccination	\$359,000
2020	UNIVERSITY OF UTAH	UT	R01AI135114	Development of clinical decision tools for management of diarrhea of children in high and low resource settings	\$397,159
2020	UNIVERSITY OF UTAH	UT	R01AI136963	Microbiota Specific T Cell Selection	\$356,981
2020	UNIVERSITY OF UTAH	UT	R01AI139535	Targeted depletion of programmed death-1 positive cells, a method that not only stops autoimmune attack but also preserves adaptive immunity	\$543,680
2020	UNIVERSITY OF UTAH	UT	R01AI147641	CD8 T cell antigen recognition during chronic infection	\$689,716
2020	GLYCOMIRA LLC	UT	R44AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$783,698
2020	UNIVERSITY OF UTAH	UT	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$383,241
2020	UNIVERSITY OF UTAH	UT	R37AI051174	Biochemistry of HIV-1 Budding	\$557,086
2020	UNIVERSITY OF UTAH	UT	R33AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	\$350,542
2020	NAVIGEN INC	UT	U44AI095172	A Phase Ia/Ib Clinical Study of HIV Entry Inhibitor CPT31:Single and Multiple Ascending Dose Study of Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics in Healthy Adults anAdults with HIV	\$1,000,000
2020	UNIVERSITY OF UTAH	UT	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	\$381,250
2020	UNIVERSITY OF UTAH	UT	R01AI127724	Development of Selective Ribosomal P-site Inhibitors	\$381,250
2020	UNIVERSITY OF UTAH	UT	R01AI123106	Investigating the transfer of miRNAs by exosomes during inflammation	\$451,952
2020	UNIVERSITY OF UTAH	UT	R01AI143567	Tyrosine Kinase inhibition: The New Front in HIV Cure Efforts	\$471,902
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$416,786
2020	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123433	Inhibition of MEP pathway Isoprenoid Biosynthesis	\$513,396
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI123596	Dietary Methyl Donors and Food Allergy Risk in the United States	\$191,445

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2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$551,645
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136297	Control of Influenza Infection by Lipid Mediators and Macrophages	\$549,761
2020	GEORGE MASON UNIVERSITY	VA	R21AI138135	High sensitivity multiplex detection of tick borne infection peptides	\$266,684
2020	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R61AI142685	Project Horizon: Hydrogel Injectable Depot System for Next-Generation Long-Acting HIV Prevention and Contraception	\$1,077,853
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI146509	Characterization of vacuole escape in Shigella infection	\$237,521
2020	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI152513	Functional characterization of an Orientia tsutsugamushi nucleomodulin	\$225,140
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI149280	How Does Nlr1 regulate fungal killing and immune signaling during pulmonary infection	\$240,250
2020	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$396,250
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$478,487
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$699,799
2020	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125433	ORMDL3-ceramide axis in allergic asthma	\$381,250
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI131723	Modeling immunity with a hybrid lymph node tissue-chip	\$462,626
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI145108	The Role of Eosinophils in the Lung Allograft	\$524,000
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI138077	Exploring Amplified Th1 Responses and a Role for the IgE/Interferon Axis in Allergic Asthmatics Infected with Rhinovirus	\$198,347
2020	GEORGE WASHINGTON UNIVERSITY	VA	R24AI152598	The DC Cohort: A Longitudinal Population-Based Cohort Study of People Living with HIV in Washington, DC	\$5,298,040
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI136386	Altered innate leukocyte programming dynamics in sepsis	\$402,500
2020	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$665,722
2020	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$731,524
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI142656	Cryptosporidia Genomics	\$228,627
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI020565	IgE antibodies to the mammalian oligosaccharide galactose-alpha-1, 3-galactose (alpha-gal): immunology, epidemiology and relevance to allergic and inflammatory disease	\$129,200

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2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI151494	Development of an improved vaccine against Brucella abortus	\$77,904
2020	GATACA LLC	VA	R43AI152894	Development of a joint machine learning/de novo assembly system for resolving viral quasispecies	\$267,225
2020	BIOTHERAPEUTICS INC	VA	R43AI152584	Novel Immunoregulatory Drugs for Type 1 Diabetes	\$231,195
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$562,219
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI142504	Determinants of prolonged Zika virus shedding in semen	\$231,873
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI146888	Roles of Archaea in infectious disease	\$80,750
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI152447	Skin-associated B cells in allergy	\$242,250
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI151340	IFN-dependent repression of HSV latency by PML-nuclear bodies	\$201,875
2020	GEORGE WASHINGTON UNIVERSITY	VA	R21AI145654	Systemic and mucosal immune dysregulation and HIV risk in transgender females	\$200,626
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$603,366
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI121284	Guy1-conferred female lethality: mechanism and application for mosquito control	\$392,800
2020	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$3,381,146
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K01AI130326	Translation of epidemiologic findings in enteric disease to public health action	\$118,011
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI142654	Chemical-genetic identification of kinase pathways in Zika virus infection	\$80,750
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI141841	Molecular tethers of ER-inclusion contact sites	\$240,016
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI151497	IgE-Independent Mast Cell Activation by Food-Derived Peptides in Eosinophilic Esophagitis (EoE)	\$242,250
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI151564	Global Geospatial Mapping and Modeling of Household-level Covariates of Infectious Disease Transmission and Child Health	\$79,838
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$75,853
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI141677	Understanding the mechanism of neurological sequelae associated with hepatitis E virus infection	\$191,799
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$391,445
2020	GEORGE WASHINGTON UNIVERSITY	VA	R21AI140788	Effects of boosting mucosal immunity by microbiota manipulation on B cell responses to HIV-1 vaccine	\$198,800
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI140405	Adipose T cell microRNAs (miRs) regulate macrophage function during obesity	\$403,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI145809	An Aptamer-Based Biosensor for Point-of-Care Monitoring of Adherence to Oral Tenofovir Antiretroviral Regimens for HIV Prevention and Treatment	\$144,644
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI146257	Gut microbiome communication with the bone marrow regulates intestinal inflammation	\$403,750
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI148741	Non-canonical cGAS signaling in DNA damage response	\$456,391
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R15AI152022	Selective HDAC6 inhibition decreases B cell activation in systemic lupus erythematosus	\$466,545
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$377,960
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI136283	Characterization of a Chlamydia trachomatis inclusion membrane protein as a molecular tether mediating endoplasmic reticulum-inclusion membrane contact sites	\$34,186
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI144026	Controlling the flux of sphingosine-1-phosphate in vivo	\$689,812
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI123338	Mechanism and application of male determination in aedine mosquitoes	\$398,473
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI137617	Analyzing pathogenic Vibrio parahaemolyticus-oyster interactions to prevent human disease	\$80,084
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI146528	Chromosomal rearrangements in arboviral vector Aedes aegypti	\$227,596
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI151496	Lung rhinovirus (RV) infection identifies pre-school children with type 2 inflammation at risk for the development of asthma	\$201,875
2020	GEORGE MASON UNIVERSITY	VA	R01AI148012	Mechanisms of PSGL-1 restriction of HIV virion infectivity	\$386,797
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122743	MicroRNA regulation of Anopheles immunity to Plasmodium	\$663,511
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136073	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$517,076
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI129678	Molecular mechanisms of the CA-SP1 switch in HIV assembly and maturation	\$451,861
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI124214	Role of eosinophils in innate protection from C. difficile	\$459,353
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI138227	IgG4 and IgE antibodies to Cows Milk proteins in children with Eosinophilic Esophagitis	\$201,875
2020	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI138494	SSRIs Inhibit IgE-mediated Mast Cell Function	\$182,271
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI026649	Role of CREM in Amebic Colitis and Inflammatory Bowel Disease	\$518,626
2020	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI136671	Clinical Implications of HIV-1 Rev-Rev Response Element Functional Activity Variation	\$191,804

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI141410	The Role of PIAS1 in EBV Biology	\$388,125
2020	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI149190	Interrogating plasmodial endocytosis with mefloquine-based affinity probes	\$228,271
2020	UNIVERSITY OF VERMONT	VT	R21AI141184	Repurposing the EMD-Serono "mini-library" for Cryptosporidium drug development	\$230,252
2020	UNIVERSITY OF VERMONT	VT	R01AI132378	Structure and function of the Plasmodium myosin XIV-actin glideosome	\$710,260
2020	UNIVERSITY OF VERMONT	VT	F31AI145214	Is Calcium the Gear Shift? The Role of Calcium-Mediated TgMyoA Phosphorylation in Toxoplasma Gondii Motility	\$30,458
2020	UNIVERSITY OF VERMONT	VT	R01AI139201	Multiscale analysis of MyosinA-based motility in Toxoplasma gondii	\$567,836
2020	UNIVERSITY OF VERMONT	VT	R21AI151407	Ligands for Human Synovial Gamma/Delta T Cells	\$232,186
2020	UNIVERSITY OF VERMONT	VT	U01AI141997	Mechanisms of Protection and Durability for a Live Attenuated Tetravalent Dengue Vaccine	\$615,445
2020	UNIVERSITY OF VERMONT	VT	R21AI145306	Next generation systems analysis of pathogenetic mechanisms underlying CNS autoimmunity	\$156,000
2020	UNIVERSITY OF VERMONT	VT	R03AI151525	Klebsiella pneumoniae pathogenesis in the obese lung	\$78,000
2020	UNIVERSITY OF VERMONT	VT	R01AI143951	Preclinical optimization of a parasitocidal drug for cryptosporidiosis	\$620,271
2020	UNIVERSITY OF WASHINGTON	WA	R37AI029168	Statistical Issues in AIDS Research	\$741,653
2020	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$683,137
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$480,737
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$10,500,146
2020	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI128215	A systems analysis of drug tolerance in Mycobacterium tuberculosis	\$848,588
2020	UNIVERSITY OF WASHINGTON	WA	K01AI138620	Modeling approaches to prioritize TB prevention among people with HIV in Uganda	\$128,845
2020	UNIVERSITY OF WASHINGTON	WA	R01AI118803	The Development and Function of Plasmodium-specific memory B cells	\$597,491
2020	UNIVERSITY OF WASHINGTON	WA	R03AI143351	Advancing point-of-care diagnostics for integrated HIV and TB care in South Africa	\$72,660
2020	UNIVERSITY OF WASHINGTON	WA	K23AI120761	HIV, malnutrition, and food insecurity in Senegal: A longitudinal study to identify high impact interventions	\$186,782
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI123323	Inflammation-driven T Cell Responses and their Dichotomous Effect on Host Immunity	\$440,000
2020	UNIVERSITY OF WASHINGTON	WA	K24AI137310	Pulmonary Innate Immunity & Resistance to Mycobacterium Tuberculosis Infection	\$178,442
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134630	Mediators of fatty liver disease during HIV/SIV and cART treatment	\$873,771

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2020	UNIVERSITY OF WASHINGTON	WA	F30AI142870	Defining the Prevalence and Viral Genetics of Zika Virus in Kenya	\$39,677
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI144231	New Approaches for the Identification of Critical Signals for Mast Cell Function	\$235,375
2020	UNIVERSITY OF WASHINGTON	WA	R21AI143341	NanoDisk-MS measured Mtb antigen peptides for TB diagnosis and treatment monitoring in HIV-infected children	\$234,165
2020	UNIVERSITY OF WASHINGTON	WA	R21AI147536	Role of cannabinoid receptor 1 in lung injury and resolution	\$220,625
2020	UNIVERSITY OF WASHINGTON	WA	R01AI143773	Modeling of human HSV infection: development of immune-competent 3D skin-on-chip with vascular perfusion	\$542,410
2020	UNIVERSITY OF WASHINGTON	WA	F32AI145111	Structurally and biochemically defining divergent actin and its non-canonical regulators in Giardia	\$61,610
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI148588	HSV-2 specificity and phenotyping of tissue-based T cells in genital skin biopsies of HSV-2 reactivation	\$189,272
2020	UNIVERSITY OF WASHINGTON	WA	R21AI146763	Establishing the Feasibility of using daily Dried Blood Spots (DBS) to study the Natural History of Low-density Asymptomatic Malaria Infection to Inform Malaria Elimination	\$224,897
2020	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$504,056
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$645,753
2020	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$491,061
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI140891	Complete mapping of immune selection from antibodies to HIV	\$480,355
2020	UNIVERSITY OF WASHINGTON	WA	R01AI118962	Antimicrobial Actions of Nitric Oxide	\$386,250
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$470,750
2020	UNIVERSITY OF WASHINGTON	WA	R01AI123124	Regulation of S. aureus Colonization by NO.	\$371,814
2020	UNIVERSITY OF WASHINGTON	WA	K24AI130263	Immunopathology of Indirect Airway Hyperresponsiveness in Asthma	\$129,206
2020	UNIVERSITY OF WASHINGTON	WA	R01AI134130	Implementing Assisted Partner Services to HIV Test and Treat Men in Western Kenya	\$681,044
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI134808	The Gut Microbiota and Graft versus Host Disease (GVHD)	\$808,150
2020	UNIVERSITY OF WASHINGTON	WA	R03AI144143	A Pilot Study to Evaluate Plasmodium falciparum Liver-Stage Challenge in Prime-and-Trap Vaccinated Rhesus Monkeys	\$88,250
2020	UNIVERSITY OF WASHINGTON	WA	R21AI142667	Novel approaches to study the intersection of cellular heterogeneity and tissue microanatomy	\$220,625

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2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI140951	Kinetics, evolution, and effector function of Fc repertoires during vaccination with native-like Env trimers	\$890,180
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI132819	Mechanisms of T Cell Memory Quiescence	\$523,322
2020	ORLANCE INC	WA	R44AI122371	DNA prime / rVSV boost Multi-Antigen Universal Influenza Vaccine	\$1,000,000
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI141435	Tissue Regulatory T Cells in Mucosal Infection	\$549,799
2020	UNIVERSITY OF WASHINGTON	WA	R21AI142369	Exploring the frequency of rectal gonorrhea and chlamydia from sexual behaviors other than receptive anal intercourse	\$194,375
2020	UNIVERSITY OF WASHINGTON	WA	R21AI137748	Liver-stage Plasmodium protein export to the host cell to inform vaccine design.	\$220,625
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI150178	BCAP regulation of TLR7/9 signaling in Lupus	\$640,768
2020	UNIVERSITY OF WASHINGTON	WA	R21AI148816	Immune Evasion Mechanisms of Mycoplasma genitalium	\$235,014
2020	UNIVERSITY OF WASHINGTON	WA	UM1AI148573	University of Washington Vaccine and Treatment Evaluation Unit	\$2,053,257
2020	UNIVERSITY OF WASHINGTON	WA	R21AI149072	Interspecies chimera libraries to define host specific adaptations by Chlamydia	\$220,625
2020	PHASE GENOMICS INC	WA	R44AI150008	A proximity ligation method to track mobile element hosts	\$599,017
2020	INBIOS INTERNATIONAL, INC	WA	R41AI149940	Point-of-care antigen detection assay for early diagnosis of Ebola virus disease (EVD)	\$299,112
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI145945	Evolution and mechanisms of cytomegalovirus antagonism of host cell defenses	\$455,257
2020	UNIVERSITY OF WASHINGTON	WA	R61AI149665	NextGen Long-acting and targeted combination ART for Children with HIV	\$1,026,862
2020	UNIVERSITY OF WASHINGTON	WA	R56AI145974	Prenylation in antiviral immunity	\$602,230
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$523,059
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$958,298
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$18,561,113
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$4,886,015
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI135953	Targeting a Novel Hematopoietic Stem Cell Population in Non-Human Primates for Effective and Sustained Gene Therapy	\$890,598
2020	PAI LIFE SCIENCES INC	WA	R44AI103983	A Vaccine for Schistosomiasis, "SchistoShield"	\$706,627
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122991	Statistical methods for HIV-1 immune correlates studies	\$306,597

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2020	UNIVERSITY OF WASHINGTON	WA	R01AI118916	The Host Response to Hepatitis C Virus	\$507,805
2020	UNIVERSITY OF WASHINGTON	WA	R01AI129673	Approaches to Improve the Efficacy of Prime-boost Immunization against HIV/AIDS	\$891,161
2020	UNIVERSITY OF WASHINGTON	WA	R01AI136468	Impact of versican deficiency on the innate immune response to influenza virus	\$616,343
2020	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	\$3,351,478
2020	UNIVERSITY OF WASHINGTON	WA	R01AI148208	Defining the antibiotic intrinsic resistome of Acinetobacter baumannii	\$272,125
2020	UNIVERSITY OF WASHINGTON	WA	F31AI138633	The impact of diabetes on tuberculosis incidence and mortality in HIV-positive adults	\$44,969
2020	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI135072	The Effect of Maternal Cells on Infant Immunity	\$170,725
2020	UNIVERSITY OF WASHINGTON	WA	R01AI130280	Regulation of Allergen-Induced Airway Pathophysiology by Versican	\$762,723
2020	UNIVERSITY OF WASHINGTON	WA	K23AI140918	Novel clinic-based TB diagnostics and testing algorithms for persons with HIV	\$186,753
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI140514	Role of Vaccine-Induced Tissue-Resident Memory CD8 + T Cells in Protection Against Vaginal HSV-2 Infection	\$41,008
2020	UNIVERSITY OF WASHINGTON	WA	R21AI145359	Using the Collaborative Cross to discover immunoregulatory mechanisms that control WNV infection	\$220,625
2020	UNIVERSITY OF WASHINGTON	WA	R01AI146072	The Role of Lipid-specific T cells in Mediating Protection Against M. tuberculosis	\$834,105
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI141952	Defining mechanisms of CD8 T cell exhaustion in T1D	\$544,224
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI152268	FXIIIa production by mast cells for innate immunity	\$715,119
2020	UNIVERSITY OF WASHINGTON	WA	K08AI150996	Innate Immunity of Zika Virus Infection In Human Neural Progenitors	\$197,100
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$662,292
2020	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$475,189
2020	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,345,565
2020	UNIVERSITY OF WASHINGTON	WA	F32AI145283	Regulatory T cells impose specific translome changes in effector CD4 T cells	\$53,573
2020	WASHINGTON STATE UNIVERSITY	WA	R01AI129992	Effectors of Brucella intracellular replication	\$372,523
2020	UNIVERSITY OF WASHINGTON	WA	F30AI149928	Complete mapping of the functional and antigenic effects of mutations to Lassa virus glycoprotein	\$40,374
2020	UNIVERSITY OF WASHINGTON	WA	R01AI044257	Role of B cell activating factor (BAFF) in B cell responses and autoimmunity	\$505,985
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI128792	Mucosal injury from sexual practices: Behaviour and biology of South African adolescents	\$600,593
2020	UNIVERSITY OF WASHINGTON	WA	R21AI141944	Molecular confirmation of tuberculosis treatment	\$150,905

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2020	UNIVERSITY OF WASHINGTON	WA	F30AI136636	Role of antibodies in vertical transmission of HIV-1	\$28,621
2020	UNIVERSITY OF WASHINGTON	WA	R01AI132595	The Role of the RIP Kinases in Coordinating Neuroinflammation and Host Defense	\$441,250
2020	UNIVERSITY OF WASHINGTON	WA	R01AI134713	The Roles of Lymphoid Tissue Microenvironments in Guiding the Immune Response	\$478,512
2020	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI139385	Impact of Cumulative Exposure to Respiratory Viruses after Allogeneic Hematopoietic Cell Transplantation	\$185,095
2020	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$490,036
2020	SEATTLE CHILDREN'S HOSPITAL	WA	U01AI142001	Inducing durable, protective immune memory against malaria	\$810,578
2020	UNIVERSITY OF WASHINGTON	WA	R01AI143916	The biofilm matrix of P. aeruginosa	\$574,919
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI144536	A pipeline for prioritizing and evaluating multidrug regimens for Mycobacterium abscessus	\$212,873
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI138212	Expansion and targeted maturation of germline HIV-1 bNAb-associated BCRs	\$1,803,472
2020	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R61AI149642	MAPs for Peds: Development of a Microarray Patch for Delivery of Long-Acting Antiretrovirals for Treatment of Pediatric HIV Infection	\$833,526
2020	UNIVERSITY OF WASHINGTON	WA	R01AI150978	The role of enteric pathogens and antimicrobial resistance in driving clinical and nutritional deterioration, and azithromycin's potential effect, among children discharged from hospital in Kenya	\$782,247
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI138709	Characterizing the broad antibody response to HIV superinfection	\$802,400
2020	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$556,723
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI123135	Multiplexed immuno-SRM screening for primary immunodeficiencies	\$794,530
2020	UNIVERSITY OF WASHINGTON	WA	K23AI129659	Determining the component causes of systemic immune activation that moderate HIV acquisition and establishment of the latent viral reservoir	\$180,805
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133976	Role of the hyaluronidase in GBS Virulence	\$904,628
2020	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI135673	Engineering sustainable squalene analogues for novel vaccine adjuvant emulsions	\$848,166
2020	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI142302	Proteogenomic resource for the development of novel markers for Lyme disease	\$228,522
2020	UNIVERSITY OF WASHINGTON	WA	R21AI137430	Interaction of the Burkholderia type VI secretion system with innate host defenses	\$163,804
2020	UNIVERSITY OF WASHINGTON	WA	R21AI144938	Sofosbuvir Protection of the Fetal Brain from Zika Virus Infection in Pregnancy	\$220,625
2020	UNIVERSITY OF WASHINGTON	WA	R21AI145450	Optimizing viral suppression for pregnant and postpartum women living with HIV through HIV resistance testing (Opt4Mamasplus)	\$292,077

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2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI143227	Translational Reprogramming by Regulatory T Cells	\$213,875
2020	UNIVERSITY OF WASHINGTON	WA	R21AI149400	Genetically engineered macrophages to treat pulmonary infections	\$276,097
2020	WASHINGTON STATE UNIVERSITY	WA	R21AI151412	Anaplasma phagocytophilum modulates the type IV secretion system pilus to achieve tick transmission	\$229,500
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI150566	Optimization of Siglec-8-Directed Immunotherapy for Eosinophilic and Mast Cell Disorders	\$264,000
2020	VIRTICI LLC	WA	R43AI149906	A Novel Probiotic-Based Nanobody Delivery Platform	\$300,000
2020	UNIVERSITY OF WASHINGTON	WA	R21AI152488	Therapeutic potential of a secreted phospholipase A2 Group X inhibitor in asthma	\$264,750
2020	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$702,421
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$4,428,841
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$6,380,553
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$27,000,000
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI120961	DEFINING THE INFANT IMMUNE RESPONSE TO HIV	\$839,137
2020	UNIVERSITY OF WASHINGTON	WA	K23AI120793	Impact of maternal HIV on Mycobacterium tuberculosis infection among peripartum women and their infants	\$184,588
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI150163	Evolutionary dynamics of antibody affinity maturation	\$42,959
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$826,064
2020	UNIVERSITY OF WASHINGTON	WA	R01AI119675	Conformational dynamics of adhesive bonds	\$570,260
2020	UNIVERSITY OF WASHINGTON	WA	R01AI136648	A Rapid Point-of-Care Test to Improve ART and PrEP Adherence	\$765,546
2020	WASHINGTON STATE UNIVERSITY	WA	R01AI141712	Eliminating human rabies: impact of enhanced vaccination coverage	\$553,431
2020	KINETA INC	WA	R01AI141102	Advanced development of a viral entry inhibitor as a therapeutic for arenavirus hemorrhagic fever	\$1,163,830
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI140714	Integrative prediction of seasonal influenza evolution by genotype, phenotype, and geography	\$41,163
2020	UNIVERSITY OF WASHINGTON	WA	R01AI145483	Drug-eluting fibers for on-demand and extended protection against HIV	\$795,270
2020	UNIVERSITY OF WASHINGTON	WA	R01AI139254	Non-invasive diagnosis of adult pulmonary tuberculosis	\$320,490
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI150500	Mathematical modeling of optimal therapeutic combinations for HIV cure	\$464,126
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI150253	Mechanisms of suppression of effector T cells in EAE	\$256,650

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2020	UNIVERSITY OF WASHINGTON	WA	R01AI152358	Developing methionyl tRNA synthetase inhibitors as therapeutics for Chagas disease	\$733,618
2020	UNIVERSITY OF WASHINGTON	WA	R56AI143683	Persistence of HCV-Induced Perturbations of Cellular Pathways Post DAA Cure in Advanced Liver Disease	\$478,533
2020	VIRTICI LLC	WA	R44AI152646	A Novel IL-35 Expressing Probiotic Platform for Inducing Allergen Specific Tolerance	\$299,996
2020	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$610,187
2020	UNIVERSITY OF WASHINGTON	WA	R01AI125498	Delivering PrEP in Pregnancy	\$653,112
2020	UNIVERSITY OF WASHINGTON	WA	R01AI134729	Engineered Antimicrobial Platform to Target Pulmonary Intracellular Infections	\$512,525
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI138011	Regulation of Natural Killer Cells by Caspases	\$264,000
2020	UNIVERSITY OF WASHINGTON	WA	R01AI136921	TOLLIP Deficiency, Immune Dysregulation, and Tuberculosis Susceptibility	\$534,655
2020	UNIVERSITY OF WASHINGTON	WA	R01AI142647	The effect of HIV exposure and infection on immunity to TB in children	\$793,352
2020	UNIVERSITY OF WASHINGTON	WA	R01AI132441	Impact of the vaginal microbiome on Chlamydia trachomatis acquisition	\$721,295
2020	UNIVERSITY OF WASHINGTON	WA	R01AI141857	Liver resident memory for malaria	\$819,482
2020	UNIVERSITY OF WASHINGTON	WA	R01AI145296	Innate Immune Regulation of Zika Virus Infection	\$813,373
2020	UNIVERSITY OF WASHINGTON	WA	R01AI126785	Functional genomics for Chlamydia	\$680,588
2020	UNIVERSITY OF WASHINGTON	WA	R01AI146194	Genetic, Metabolic and Regulatory Control of MIC and Relapse in M. tuberculosis	\$851,389
2020	UNIVERSITY OF WASHINGTON	WA	R01AI145848	Tuft cell effector functions in the small intestine	\$614,942
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K22AI141678	Probing the contribution of viral heterogeneity to interferon induction	\$161,128
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$896,506
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$15,439,166
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI129548	Regulation of pathogenic T cells in EAE	\$428,750
2020	UNIVERSITY OF WASHINGTON	WA	R01AI139071	C-di-AMP signaling in S. aureus	\$587,828
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI136475	Targeting the IL-2/regulatory T cell axis for autoimmune disease prevention in realistic animal models	\$679,264
2020	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI137234	Development of a pre-erythrocytic P. vivax vaccine to prevent clinical relapse	\$822,542
2020	UNIVERSITY OF WASHINGTON	WA	K08AI143926	Macrophages and Resistance to Mycobacterium Tuberculosis Infection in Humans	\$190,296
2020	UNIVERSITY OF WASHINGTON	WA	R21AI140881	Development of Dual Efficacy Therapeutic Against Cryptosporidiosis and Giardiasis	\$257,125
2020	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$658,513

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	UNIVERSITY OF WASHINGTON	WA	R01AI147504	Drug Discovery for Chagas Disease	\$834,220
2020	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI144677	Single-Cell Analysis To Define Protective and Tolerizing Immune Cell Populations in the Human Placenta	\$283,272
2020	SEATTLE CHILDREN'S HOSPITAL	WA	K24AI150991	Clinical Impacts of Heterogeneous Interferon Responses to Viral Infection by Asthmatic Airway Epithelium	\$184,530
2020	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI135817	Allergen T cell epitopes and phenotypes in peanut allergy and immunotherapy	\$1,016,640
2020	UNIVERSITY OF WASHINGTON	WA	R03AI148760	Role of matrix metalloproteinase 7 in humoral immunity to enteric viral infection	\$88,250
2020	UNIVERSITY OF WASHINGTON	WA	R01AI127463	Mechanisms of hepatic innate immune activation by HCV	\$523,114
2020	UNIVERSITY OF WASHINGTON	WA	R33AI138272	Epigenetic & Post-Translational Mechanisms of Macrophage Resistance to Mycobacterium tuberculosis During HIV Co-Infection	\$1,021,774
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$555,285
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125392	Mechanisms of influenza transmission bottlenecks: impact on viral evolution	\$659,143
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI137280	Neurovirulent HSV-1 Recombinants for vQTL Analysis	\$229,500
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI138918	Chemical biology strategies for delineating the role of inter-species cell-cell communication in bacterial co-infections with Pseudomonas aeruginosa and the Burkholderia cepacia complex	\$69,306
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI130089	Transcriptional Control of Human Cytomegalovirus Latency	\$369,780
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI145999	Noncoding DNA regulatory elements and Anopheles vector biology	\$361,013
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI150669	Bidirectional paracrine signaling in the establishment of invasive aspergillosis	\$466,069
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI149039	Predictive modeling of cytomegalovirus replication and antiviral efficacy	\$192,500
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U24AI152177	A multiplexed micro scale assay for real time analysis of pediatric immune cell function	\$379,007
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$355,680
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118799	Functional Analyses of Borrelia burgdorferi Adhesins	\$656,503
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132519	Pathways of vertical Zika virus transmission in nonhuman primate pregnancy	\$739,225
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI139180	Evading innate immunity during human cytomegalovirus latency	\$355,828
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$183,683

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	\$435,626
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI119140	Natural vs. Pathogenic Th17 responses to col Va1, Ka1 tubulin and vimentin	\$376,140
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134749	Microscale models of inflammation and its resolution	\$752,278
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134807	CTFC Mediated HSV-1 Gene Expression in Latency and Reactivation	\$386,099
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI142720	Novel antimicrobials targeting MDR pathogens from animal microbial symbionts	\$6,020,201
2020	VERSITI WISCONSIN, INC.	WI	R21AI145323	A Novel Human Regulatory B Cell Subset	\$208,750
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI146688	Detection of IL35+ Exosomes as a Marker for Peripheral Tolerance	\$77,500
2020	VERSITI WISCONSIN, INC.	WI	R01AI125741	The Cellular and Transcriptional Control of CD8 T Cell Functional Adaptation to Chronic Viruses	\$417,500
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI125334	Role of the retinoic acid pathway during graft-versus-host disease	\$385,155
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI137409	Germination and Pathogenesis of Cryptococcus Spores	\$369,780
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI139341	Defining maternal and neonatal antibody responses in congenital Zika virus infection	\$197,964
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI144225	Mycobacterium LDs sequester proteins leading to NRP	\$192,500
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI147060	Effects of EBV Type on Viral Reactivation	\$520,460
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R00AI123498	Structural Studies of the Coronavirus Life Cycle	\$248,995
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI145939	Mechanism(s) of pathogenicity for Candida auris	\$532,335
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI151171	Molecular mechanisms controlling secretion in filarial nematode parasites	\$397,172
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125271	Regulation of the influenza virus polymerase	\$382,500
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI143800	Exploiting Natural Post-Integration Barriers to Restrict HIV-1 Replication	\$203,222
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI139306	Characteristics of Botulinum Neurotoxins that determine potency	\$651,728
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI136994	Epigenetic Mechanism Reprogramming Mucosal Anti-viral Immunity in Allergic Asthma	\$681,806
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121217	Identification of protective Lyme disease antigens using live attenuated vaccines	\$378,200
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI144424	Targeting intestinal vitamin D receptor signaling to mitigate graft-versus-host disease	\$246,500

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2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI144360	Genetic analysis of islet-infiltrating IL-21-expressing CD4 T cells in type 1 diabetes	\$231,000
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI149793	Mucosal Adjuvant to Induce Multipronged T Cell Immunity to Tuberculosis	\$232,500
2020	SCARAB GENOMICS LLC	WI	R44AI094823	Toxoid adjuvant CRM197 production in a stable reduced genome E. coli strain	\$1,000,000
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M. tuberculosis evolution	\$494,414
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$689,029
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	\$453,234
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI144016	Sexual Development of Toxoplasma in Feline Intestinal Organoids	\$380,900
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$696,522
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI145201	Mechanisms regulating peptidoglycan fragment production	\$242,750
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI146540	Development of non-sedative, parasite-selective benzodiazepines to treat the neglected tropical disease schistosomiasis	\$239,301
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F30AI145182	Defining the role of genetic drift in within-host influenza evolution	\$34,125
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI140510	Investigation of the Porin Function of B. burgdorferi P66	\$231,000
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI133594	Mechanism of radiation induced endovascular injury and mitigation via the Notch-Dll4 pathway	\$512,624
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI148707	Mechanisms of Enhanced Neutralizing Antibody Responses to Rhinovirus C	\$819,421
2020	VERSITI WISCONSIN, INC.	WI	R01AI148403	Phenotypic, Functional and Transcriptional Heterogeneity in T Cell Exhaustion	\$412,500
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$753,235
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$1,591,349
2020	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI144060	Orthogonal Approaches to Understanding the Role of PASTA Kinases in beta-lactam Resistance	\$187,150
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI147500	Chronic gammaherpesvirus infection and high cholesterol: Adding fuel to the fire	\$231,000
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI150895	Role and regulation of peptidoglycan synthases in enterococcal antimicrobial resistance	\$534,642
2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI148982	MHC class II presentation of Borrelia burgdorferi and synovial tissue antigens in murine Lyme arthritis	\$231,000

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2020	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI145871	Identification of targets of the antiparasitic drug praziquantel	\$300,026
2020	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI137155	Development of mucosal vaccines to protect against pertussis	\$592,210
2020	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI146376	Microbiome and sex chromosome complement interact in sexually dimorphic immunity	\$190,000
2020	MARSHALL UNIVERSITY RESEARCH CORPORATION	WV	R15AI151970	Discovery of Disulfiram as an Anti-MRSA Antibiotic Adjuvant	\$434,180
2020	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI141671	Vaccine Development Against Bacterial Pathogens Based on iron Acquisition Proteins	\$517,636
2019	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2019	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$0
2019	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	-\$30,000
2019	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$0
2019	QUEEN'S UNIVERSITY KINGSTON		R33AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$0
2019	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$0
2019	RADBOUD UNIVERSITY MEDICAL CENTER		R01AI145781	ULTIMATE	-\$915,292
2019	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		G11AI145067	Strengthening Research Administration and Grant Management Systems in Zambia.	\$24,672
2019	WITS HEALTH CONSORTIUM		R01AI147349	Differentially Culturable Tubercle Bacteria: The missing link in TB Transmission?	\$0
2019	UNIVERSIDAD PERUANA CAYETANO HEREDIA		U19AI129909	Improving Diagnostic and Management Tools for Neurocysticercosis (Peru-JHU TMRC Program)	\$0
2019	WORLD HEALTH ORGANIZATION		U01AI139547	Accelerated public health and biomedical research on priority public health objectives through collaboration between US NIH and WHO	\$0
2019	Stichting Katholieke Universiteit		R01AI145781	ULTIMATE	\$915,292
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI139900	VPO1 Protects from Endotoxin-Mediated Inflammation and Septic Shock	-\$22,275
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$0
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$519,249
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$0
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	\$327,432
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$0

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2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$48,216
2019	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$295,868
2019	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$33,867
2019	UNIVERSITY OF ARIZONA	AZ	R21AI139941	Biofilm Lithography: A newparadigm to optically control and study biofilm growth dynamics	\$71,324
2019	UNIVERSITY OF ARIZONA	AZ	U19AI125357	Dysfunction of Innate Immunity in Asthma	\$0
2019	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI137181	Developing Vault Nanoparticles as a Delivery Platform for Burkholderia pseudomallei and Burkholderia mallei Antigens	\$55,112
2019	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R37AI071106	Mechanisms of Allergen-induced Type 2 Immunity	\$265,145
2019	UNIVERSITY OF ARIZONA	AZ	F31AI131622	The Immunological Consequences of Mouse Cytomegalovirus on Adipose Tissue	-\$19,445
2019	ARIZONA STATE UNIVERSITY	AZ	R03AI140977	Quantitative diagnosis of TB/HIV co-infection using pathogen-specific exosomes in blood	-\$78,458
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$0
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$17
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123400	Studies of the antibacterial activity of and resistance to molecules targeting the ClpP peptidase	\$511,718
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI136389	Characterizing the role of an extracellular electron transport chain in Listeria monocytogenes virulence factor expression and metabolism	\$0
2019	La Jolla Institute For Immunology	CA	K08AI135078	The Immunology of Recurrent Group A Streptococcus Tonsillitis	-\$158,876
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI140702	CARD-only protein regulation of cytosolic Pattern Recognition Receptor signaling	\$0
2019	SCRIPPS RESEARCH INSTITUTE	CA	R56AI143563	HIV-1 vaccine design emphasizing bnAb targets on membrane Env liposomes	-\$79,751
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI135489	Biophysical Fragment Screening and Structure Determination for Class A, B, and D Carbapenemases	-\$4,573
2019	APTITUDE MEDICAL SYSTEMS INC	CA	R43AI142977	Aptamer-enabled multiplex electrochemical sensor for robust and efficient assessment of flu vaccine potency	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI147128	Seroepidemiologic methods to identify hotspots of trachoma and predict future infection	\$85,723
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$114,718

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2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI131296	Therapeutic vaccination and PD-1 blockade in treated HIV disease	\$0
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI130605	Structural Requirements for Broadly Protecting Antibodies to the Respiratory Syncytial Virus G Protein	-\$1
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$966,239
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI128913	Mapping Immune Responses to CMV in Renal Transplant Recipients	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI135078	The Immunology of Recurrent Group A Streptococcus Tonsillitis	\$158,876
2019	La Jolla Institute For Immunology	CA	U01AI141995	Identifying mechanisms and correlates of long-lasting vaccine-induced immunity to whooping cough	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI139234	Epitranscriptomic regulation of HBV gene expression	\$44,257
2019	IMMUNOGENICS, LLC	CA	U44AI134590	A Clinical Study of Latiglutenase as a Treatment for Symptom Reduction for Celiac Disease	-\$82,973
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143884	Engineer Immune Cells via Chemoenzymatic Glycan Editing	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$98,698
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI117712	Targeted discovery of antibiotics from cave bacteria	\$0
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128739	Exploiting multidrug resistance mechanisms to counter radiation toxicity	\$0
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI133182	Protecting Against Main Hemorrhagic Fever-Causing Arenaviruses With A Single Live-Attenuated Vaccine	\$0
2019	STANFORD UNIVERSITY	CA	K25AI140783	Spatial Epigenomic Profiling of Immune Cell Signatures at Subcellular Resolution in Health and Disease	-\$91,941
2019	CEDARS-SINAI MEDICAL CENTER	CA	K22AI127473	Determining mechanisms and prevalence of virulence-enhancing resistance mutations	\$0
2019	SERIMMUNE INC.	CA	R43AI145696	Serum antibody biomarkers of myalgic encephalomyelitis/chronic fatigue syndrome	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$86,123
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	-\$279,258
2019	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	-\$203
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI123202	Using single-cell RNA-seq to interrogate host immunity to pathogens	\$0
2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	\$8,631
2019	STANFORD UNIVERSITY	CA	R21AI135287	Natural killer cells in Zika virus pathogenesis	-\$1
2019	LA JOLLA INFECTIOUS DISEASE INSTITUTE	CA	R21AI137877	Exploring a new mechanism for thrombocytopenia in experimental malaria	\$0

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2019	STANFORD UNIVERSITY	CA	R21AI139941	Biofilm Lithography: A newparadigm to optically control and study biofilm growth dynamics	-\$71,324
2019	La Jolla Institute For Immunology	CA	F32AI140581	The role of GPR183 in Inflammatory Bowel Disease pathogenesis	-\$33,183
2019	STANFORD UNIVERSITY	CA	K08AI138640	Natural killer cell repertoire in HIV infection outcomes	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$13
2019	La Jolla Institute For Immunology	CA	R56AI109842	NFAT, bZIP proteins, and transcriptional programs in lymphocytes	\$0
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	-\$327,432
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K25AI128000	Microfluidic High-Throughput Droplet-Scale Screening of DNA-Encoded Compound Libraries for Activators of the Bacterial Target ClpP	-\$61,916
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI133280	CD44 Promotes Chronic Virus Infection	\$0
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI138331	Dkk1-Endothelial Progenitor Cell Treatment for the Mitigation of Hematopoietic Radiation Injury	\$0
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI134581	A Novel Conformation of the ZIKV Protease Provides a Unique 3D Scaffold for Discovering Allosteric Protease Inhibitors as Direct Anti-virals, via HT and Virtual Screening, and Protein Engineering	\$0
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI144740	H. pylori lactate finding, utilization, and creation during stomach colonization	\$0
2019	OSSIUM HEALTH, INC.	CA	R44AI129444	Optimizing Industrial-Scale GMP Processes for Recovering and Banking Deceased Donor Bone Marrow	\$17,974
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI141500	An Antigen-Detection Blood Test for Pulmonary Tuberculosis	\$0
2019	J DAVID GLADSTONE INSTITUTES	CA	R37AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$70,091
2019	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$0
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134714	Immune effects of ACE over-expression in neutrophils	\$0
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$0
2019	UNIVERSITY OF CALIFORNIA	CA	F30AI143146	The role of SLC11A1 in neutrophil antimicrobial response	\$0
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R03AI147128	Seroepidemiologic methods to identify hotspots of trachoma and predict future infection	-\$72,264
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$8,587
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI146615	Role of Orai1 trafficking in local effector T cell responses	\$0

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2019	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$0
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$51,805
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$193,613
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$204,560
2019	La Jolla Institute For Immunology	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	\$279,258
2019	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	-\$339,597
2019	STANFORD UNIVERSITY	CA	F30AI124553	Systems Pharmacological Analysis of Drug Efficacy in Inflammatory Bowel Disease	-\$2,068
2019	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$0
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143563	HIV-1 vaccine design emphasizing bnAb targets on membrane Env liposomes	\$79,751
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$0
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	-\$79
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	-\$114,718
2019	STANFORD UNIVERSITY	CA	R01AI130398	Effects of aging on primary and secondary vaccine responses in a 15-year longitudinal cohort	\$0
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer?s disease	\$0
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI137181	Developing Vault Nanoparticles as a Delivery Platform for Burkholderia pseudomallei and Burkholderia mallei Antigens	-\$55,112
2019	NATIONAL JEWISH HEALTH	CO	UM1AI130780	National Jewish Health CoFAR Clinical Research Unit	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140576	B Cell-T Cell Interactions	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143056	Molecular Approaches to Vaccines and Immune Monitoring	\$0
2019	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$0
2019	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$0
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$0
2019	COLORADO STATE UNIVERSITY	CO	R01AI121211	Insecticide Resistance Management to Preserve Pyrethroid Susceptibility in Aedes aegypti	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143062	Allergic Diseases	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140577	Myeloid Cells	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI126899	Molecular and cellular basis of Combined Adjuvant-Elicited Cellular Immunity	\$0
2019	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$25,381
2019	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$162,382
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$401,744
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143345	HIV Vaccines	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143392	Functional Cures and the Eradication of HIV	\$0
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135652	Precursor-rRNA profiling as a measure of drug activity in tuberculosis	-\$2,483
2019	NATIONAL JEWISH HEALTH	CO	R01AI135194	Regulation of Gene Expression in the anaphylactic Pathway	\$0
2019	NATIONAL JEWISH HEALTH	CO	R01AI125553	Regulation of T Cell Extravasation and Activation by Ena/Vasp Proteins	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI142987	Innate Immune Receptors: Roles in Immunology and Beyond	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI145248	Antibodies as Drugs: New Horizons in the Therapeutic Use of Engineered Antibodies	\$0
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140635	Tuberculosis: Mechanisms, Pathogenesis and Treatment	\$0
2019	YALE UNIVERSITY	CT	R21AI130671	Functional and structural analysis of the Legionella pneumophila Dot/Icm apparatus	\$0
2019	YALE UNIVERSITY	CT	R21AI126158	Structural and Functional Characterization of the Salmonella Typhimurium Type III Secretion System Sorting Platform	-\$24
2019	YALE UNIVERSITY	CT	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$587,029
2019	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$122,391
2019	YALE UNIVERSITY	CT	R01AI121183	Mechanisms regulating fetal membrane and neutrophil responses to polymicrobial infection	\$0
2019	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$2,919
2019	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	-\$73,276
2019	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI130184	Psychosocial Adjustment and Adherence among Youth with Food Allergy	\$0
2019	SPECIFIC DIAGNOSTICS LLC	FL	R44AI128777	Combining faster detection with ID: a new paradigm for mycobacterial culture	\$0
2019	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$0

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2019	EMORY UNIVERSITY	GA	R01AI135806	Inhibition of viral entry by interferon-induced proteins	\$0
2019	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$0
2019	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$67
2019	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$0
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140448	Screening C. elegans mutant strains for new clues about ivermectin and its mode of action	\$0
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	\$3
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	-\$85,605
2019	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$0
2019	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$232,614
2019	EMORY UNIVERSITY	GA	F31AI131532	The role of LSD1 in the epigenetic regulation of B cell terminal differentiation	-\$26,916
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$317,444
2019	EMORY UNIVERSITY	GA	F31AI145178	Mechanisms of Selective CD28 Blockade on T Follicular Helper Cell Responses During Transplantation	-\$6,204
2019	EMORY UNIVERSITY	GA	R21AI144571	DISSEMINATION OF MACROLIDE RESISTANCE ELEMENTS IN STREPTOCOCCUS PNEUMONIAE	-\$154,681
2019	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$1,292
2019	EMORY UNIVERSITY	GA	K23AI143479	The role of antibodies in infant TB prevention	\$0
2019	EMORY UNIVERSITY	GA	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	\$379,009
2019	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$1,125,321
2019	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$0
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	\$3,098
2019	EMORY UNIVERSITY	GA	R01AI139406	Characterization of Genomics and Metabolomics among Individuals Highly-Exposed, but resistant to Mtb Infection	\$0
2019	EMORY UNIVERSITY	GA	K08AI139348	Clinical and viral genomic approaches to evaluate the emergence of Powassan virus	\$87,491
2019	GEORGIA TECH RESEARCH CORPORATION	GA	K25AI140783	Spatial Epigenomic Profiling of Immune Cell Signatures at Subcellular Resolution in Health and Disease	\$91,941

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2019	EMORY UNIVERSITY	GA	F31AI138391	Epigenetic Regulation of Memory B Cell Differentiation and Reactivation	-\$16,576
2019	EMORY UNIVERSITY	GA	R01AI139675	Translational Regulation of CD8 T-Cell Immunity - Transfer of R01AI139675 from Emory	-\$446,059
2019	EMORY UNIVERSITY	GA	R13AI143192	RespiDART: Frontiers in Drug Development against Respiratory Viruses	\$0
2019	UNIVERSITY OF IOWA	IA	R01AI141495	SAMHD1-mediated regulation of HIV-1 innate immunity and viral gene expression	\$472,357
2019	UNIVERSITY OF IOWA	IA	R01AI132402	Spread and Release of Measles in the Airways	\$0
2019	UNIVERSITY OF IOWA	IA	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$612
2019	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	-\$34,853
2019	UNIVERSITY OF IOWA	IA	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$0
2019	UNIVERSITY OF IOWA	IA	K22AI127836	Elucidating cellular and molecular mechanisms regulating SHP1-mediated inflammatory skin disease	\$0
2019	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	-\$2
2019	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$11,037
2019	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$362
2019	UNIVERSITY OF CHICAGO	IL	R21AI144136	Rickettsia conorii transposon mutagenesis and Spotted Fever pathogenesis	\$0
2019	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UH3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	\$418,150
2019	UNIVERSITY OF CHICAGO	IL	R01AI136056	Next-Generation Phylodynamics-targeted Partner Service Models for Combined HIV Prevention	\$0
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI140029	Identifying Kawasaki Disease-Specific Antibodies and Antigens	\$52,307
2019	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	-\$45,318
2019	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$0
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	-\$19,856
2019	UNIVERSITY OF CHICAGO	IL	R01AI126756	Biochemical and cellular analysis of regulatory T cells reactive to a natural self antigen	\$0
2019	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	\$80,987
2019	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$3,885

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2019	UNIVERSITY OF CHICAGO	IL	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$360,063
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$0
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123271	Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors	-\$314,216
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$116,242
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI135356	Identification of regulatory elements in the II9 gene	\$0
2019	UNIVERSITY OF NOTRE DAME	IN	R37AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$0
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$0
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134818	The Role of HBeAg in HBV Persistence	-\$366,700
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	-\$377,244
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI138283	Extending the scope of PLX-R18 for H-ARS: efficacy in special populations and DEARE	\$0
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI135457	Discovery of GPCR-targeted insecticides for malaria mosquito control	\$0
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	\$3,225
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	T32AI132146	Inflammation and Pathogenesis Training Program	\$0
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI131433	Testing novel microbicide candidates in sustained release formulations	\$0
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI137750	Regulation of cGAS-Mediated Cytosolic DNA Sensing Pathway	\$104,667
2019	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$2,508,927
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$70,880
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R03AI140977	Quantitative diagnosis of TB/HIV co-infection using pathogen-specific exosomes in blood	\$75,750
2019	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	U19AI142636	Cold Chain-Independent, Needle-Free Mucosal Virosomal Vaccine to Prevent HIV-1 Acquisition at Mucosal Levels	\$727,169
2019	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$0
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	-\$370,000
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	-\$286,316

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2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI136100	Genetically Modified Gamma Delta T Cells to Target SIV Reservoirs	-\$13,699
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$57,496
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$169,498
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$660,546
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI018045	Genetic analysis of toxinogenesis of Vibrio cholerae	\$46,708
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$471,654
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI130934	Immune progression and plasticity in relation to child age	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	-\$68,202
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124718	Resistance testing versus adherence support for management of patients with virologic failure on first-line antiretroviral therapy in sub-Saharan Africa: An open-label randomized controlled trial	\$0
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139615	The contribution of eosinophils and the IL-23/IL-17 axis to host responses to Aspergillus	\$0
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136711	Structural dynamics of the HIV-1 genomic 5' UTR	\$203,070
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$514
2019	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$73,113
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI125322	MR1 and MAIT Cell Function in Intestinal Infection	\$0
2019	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$0
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R03AI131066	Spatial and temporal profiling to unravel the host cell responses to hepatitis B virus infection	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI136816	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$0
2019	TUFTS UNIVERSITY	MA	R21AI136711	Structural dynamics of the HIV-1 genomic 5' UTR	-\$191,139
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI143449	Identification of novel HIV-derived antigens	-\$43,823
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$426,260
2019	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$86,103
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$0
2019	NORTHEASTERN UNIVERSITY	MA	P01AI118687	Resolving the bottleneck in antibiotic discovery	\$0
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$0
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI116920	Innate mechanisms for virus-induced diabetes	\$0

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2019	DETECTOGEN INC	MA	R44AI113992	Novel non-invasive antigen detection assay for the diagnosis of active visceral leishmaniasis and to monitor the therapy efficacy of this disease	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI123086	Mechanisms of Kidney-Induced Cardiac Allograft Tolerance	\$0
2019	KARYOPHARM THERAPEUTICS INC.	MA	R44AI124949	Evaluating the impact of novel inhibitors of nuclear pore export in SLE	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131314	Immune Control and Evadion during Acute HCV Infection	\$40,289
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI131659	Bioenergetic control in immune cell function	\$0
2019	TUFTS UNIVERSITY	MA	R21AI147176	Regulation of human papillomavirus pathogenesis by long non-coding RNAs	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$49,391
2019	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$98,504
2019	HARVARD PILGRIM HEALTH CARE, INC	MA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	-\$34,560
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$0
2019	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$0
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128606	Protective function of virus-induced age-associated B cells	\$0
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI137300	Structural and Mechanistic Elucidation of NAIP/NLRC4 Inflammasomes in Innate Immunity	-\$35,672
2019	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$0
2019	DANA-FARBER CANCER INSTITUTE	MA	R33AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$20,322
2019	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$1,558,878
2019	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$0
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131469	Detecting Infection at Its Onset: The Site of RIG-I Signaling	-\$16,576
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$0
2019	VOLATYLIX, INC.	MA	R44AI141264	A Rapid Breath Test for Invasive Aspergillosis	\$4
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI058736	Optimizing HIV Care in Less Developed Countries	\$0
2019	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI136947	Network modeling and robust estimation of the intraclass correlation coefficient to inform the design and analysis of cluster randomized trials for infectious diseases	\$0

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2019	HELIXBIND INC	MA	R44AI136064	An automated platform for direct-from-specimen identification of pathogens common in endocarditis	\$5,900
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI139348	Clinical and viral genomic approaches to evaluate the emergence of Powassan virus	-\$87,491
2019	ARIETIS CORPORATION	MA	R01AI141193	Development of ureadepsipetides for drug-resistant infections	\$72,670
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTiD)	\$105,126
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$0
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI138318	Therapy of acute radiation syndrome and its complications by mesenchymal stromal cells conditioned with Toll-like receptor 9 agonists	\$0
2019	ABCAM INC	MA	R01AI135151	Recombinational biopanning method for multiplex antibody:antigen screening	\$0
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI145095	Geospatial Signals in Pediatric Tuberculosis Epidemiology	-\$63,822
2019	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$0
2019	BRANDEIS UNIVERSITY	MA	R03AI136720	The Effect of Extended Antigen Release on Carbohydrate Specificity of the Antibody Response	-\$1
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R13AI143109	Photonic Diagnosis and Treatment of Infections and Inflammatory Diseases	\$0
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144916	Defining host genetic factors in adverse clinical outcomes in Lyme disease	\$0
2019	SQZ BIOTECHNOLOGIES COMPANY	MA	R43AI145758	Tolerance Induction to Prevent Immunity to Viral Gene Therapies	\$0
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$2,106
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U19AI131135	3D Models of Engineered Human iPS Cells to Investigate Neurotropic Virus Infections	\$0
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI130258	Regulation of antiviral immunity at barrier surfaces by interleukin-1 family cytokines	-\$60,364
2019	TUFTS UNIVERSITY	MA	R01AI142628	Microbial Disruption of Dendritic Cell Maturation and Function	\$0
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI142793	Bacterial Determinants of Treatment Response in Mycobacteria Tuberculosis	\$0
2019	VAXESS TECHNOLOGIES INC	MA	R44AI142948	Improved Influenza Vaccine Efficacy Through Infection Mimicry	\$0
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI146515	A signaling pathway governing growth and antibiotic sensitivity in Pseudomonas aeruginosa	\$0
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI150295	Clinical Informatics to Advance Epidemiology and Pharmacogenetics of Serious Cutaneous Adverse Drug Reactions	\$0

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2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI137813	A Recombinant Cedar Virus-based Henipavirus Replication Platform for High-throughput Inhibitor Screening	-\$5,401
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI130548	Developing Tolerization Therapies from a New T-cell Based Mouse Model of Neuromyelitis Optica	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$0
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136390	The role of diabetes in Middle East Respiratory Syndrome Coronavirus pathogenesis	-\$51,535
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	-\$381,121
2019	JOHNS HOPKINS UNIVERSITY	MD	UH3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	\$570,457
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$160,051
2019	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI138978	Technology development for point-of-care detection and antimicrobial susceptibility testing of Neisseria gonorrhoeae	\$0
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$1,948
2019	BIOLOGICAL MIMETICS, INC	MD	R43AI145457	Whole-Cell Vaccine Development for MRSA	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	UM2AI130836	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI138714	Neutral lipid metabolism during Toxoplasma infection	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$12,723
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$59,125
2019	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$0
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI137778	Repurposing S1P receptor drugs as therapeutics for pertussis in the baboon model	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$0
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137046	E3 ligase mediated control of Foxp3 expression and immune suppression-mechanisms and potential as immunotherapeutic target	\$0
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135561	Novel Vaccine For Multidrug-Resistant Gram-negative Bacterial Infections	\$0
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135465	Type I Interferon signaling in Bordetella pertussis pathogenesis	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$0
2019	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$0
2019	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$0
2019	WAYNE STATE UNIVERSITY	MI	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$83,937
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI147805	Comparative human retroviral assembly in the context of cell polarization	\$0
2019	MAYO CLINIC	MN	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$296,591
2019	MAYO CLINIC	MN	R01AI128729	Mechanisms of IL-33 secretion in allergic diseases	\$0
2019	UNIVERSITY OF MINNESOTA	MN	R21AI136731	Direct Approach to Identifying Sources of Rebound in Lymphatic Tissue after Treatment Interruption	\$0
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$0
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132496	Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccines	\$0
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$0
2019	MAYO CLINIC	MN	R37AI071106	Mechanisms of Allergen-induced Type 2 Immunity	-\$254,676
2019	MAYO CLINIC	MN	R01AI127365	Genetic Markers of Long-Term Mumps Vaccine Immunity	\$0
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI138793	Molecular Determinants of HIV hypermutation	-\$17,500
2019	UNIVERSITY OF MINNESOTA	MN	R01AI140631	Making and breaking CD8+ T cell self-tolerance	-\$11,367
2019	WASHINGTON UNIVERSITY	MO	R01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$0
2019	WASHINGTON UNIVERSITY	MO	R56AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$60,885
2019	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$213,680
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134681	Mimetic Peptides-Mediated Protection Against Coxiella burnetii Infection	-\$536,977
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI135820	Risk Assessment of Influenza A viruses	\$388,395
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI130347	ROLE OF DENDRITIC CELLS IN REGULATING VACCINE- INDUCED IMMUNITY AGAINST Q FEVER	-\$124,797
2019	WASHINGTON UNIVERSITY	MO	R21AI144472	Towards noninvasive diagnosis of malaria	-\$221,400
2019	WASHINGTON UNIVERSITY	MO	R56AI070759	Short Chain Fatty Acids and Streptococcus Pyogenes Virulence	\$63,168
2019	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$0

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2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI1141945	IDENTIFY NOVEL NEUTRALIZATION-SENSITIVE EPITOPES OF COXIELLA BURNETII	-\$186,876
2019	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$45,680
2019	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	-\$164,240
2019	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$0
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	-\$4,125
2019	WASHINGTON UNIVERSITY	MO	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	\$30,303
2019	WASHINGTON UNIVERSITY	MO	R01AI134967	DEFINING NOVEL, EVOLUTIONARILY CONSERVED HOST FACTORS CRITICAL FOR VIRUS INFECTION.	\$0
2019	CHILDREN'S MERCY HOSPITAL	MO	R56AI147778	Natural killer cell regulation of the germinal center HIV neutralizing antibody response	-\$580,305
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$560,902
2019	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$154,270
2019	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	-\$474,977
2019	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$0
2019	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$0
2019	MISSISSIPPI STATE UNIVERSITY	MS	R21AI135820	Risk Assessment of Influenza A viruses	-\$218,250
2019	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R21AI144571	DISSEMINATION OF MACROLIDE RESISTANCE ELEMENTS IN STREPTOCOCCUS PNEUMONIAE	\$157,385
2019	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	-\$372,603
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$2,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI143172	Identifying the Distribution, Origin, and Threat of Plasmodium vivax in the DRC	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$0
2019	DUKE UNIVERSITY MEDICAL CENTER	NC	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131430	Development and pre-clinical evaluation of a novel Polymer-Based In-Situ Forming Implant (ISFI) for Long-Acting HIV PrEP	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI045818	RNA-dependent RNA Polymerase	\$311,837

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2019	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI126667	Mechanisms of neutrophil dysfunction during primary pneumonic plague	-\$20,879
2019	Duke University	NC	R03AI142341	A comparative genomic analysis of Clostridium immunis	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI146872	How MERS-CoV Regulates Innate Immunity in Primary Human Lung Cells	\$0
2019	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$161,444
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI131310	Phase I therapeutic testing of viral-vectored vaccines that shift CD8+ T cell immunodominance to conserved regions of HIV-1	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI130936	University of North Carolina Food Allergy Initiative	\$0
2019	Duke University	NC	R21AI132911	Phosphoproteomic identification of Aspergillus fumigatus virulence-associated protein kinase A downstream effectors	\$0
2019	EAST CAROLINA UNIVERSITY	NC	R21AI130970	Genetic regulation of intestinal epithelial cell innate immune signaling in human type 1 diabetes	-\$205,349
2019	Duke University	NC	R01AI139032	Non-Invasive Diagnosis of Pediatric Pulmonary Invasive Mold Infections	\$0
2019	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$0
2019	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	-\$3,301,564
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125097	Peripheral and tissue-resident gamma/delta T cells in HIV latency	-\$408,566
2019	Duke University	NC	R21AI135999	Mechanism to evade host immunity by Mucorales fungi	\$0
2019	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	-\$5
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI130970	Genetic regulation of intestinal epithelial cell innate immune signaling in human type 1 diabetes	\$213,283
2019	Duke University	NC	R21AI137756	LAT in thymic selection of MHC-restricted T cells	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI145588	Reducing the HIV Reservoir: Next-Generation Latency Reversal Agents and T Cell Population Targets	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143638	Global regulation in Clostridium difficile via phase variation of cyclic diguanylate signaling	\$0
2019	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$0
2019	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	-\$18,979
2019	Duke University	NC	R21AI136556	Antibody and viral determinants of protection against CMV infection following gB/MF59 vaccination	-\$72

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2019	Duke University	NC	UM1AI144371	Induction of protective antibodies for HIV vaccine development	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI143237	The Role of Dengue Virus Antibodies in Vector-independent transmission of Zika Virus	\$0
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$367,435
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$0
2019	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$0
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$259,504
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI130841	Uncovering pathogenic anti-bacterial defense mechanisms to identify novel targets for prevention of T1D	\$0
2019	CELDARA MEDICAL LLC	NH	R44AI136273	Development of CM-SV1, a monoclonal antibody treatment for Sudan Virus	\$0
2019	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$3,756
2019	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$2
2019	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homeostatis and infection	\$0
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$0
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$0
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$258,702
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI146820	Detecting heteroresistant M. tuberculosis infections using SuperSelective PCR	\$0
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$64,324
2019	PURINE PHARMACEUTICALS INC.	NJ	R41AI141279	A2A receptor blockade for sepsis	\$0
2019	ADVANCED BIODEVICES LLC	NJ	R44AI132040	Improved cleaning technology for reducing risk of transmitting infection in endoscopy.	\$0
2019	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$0
2019	FIBROPLATE INC	NV	R43AI142964	A multivalent, easy-to-use product to mitigate and treat radiation exposure	\$0
2019	DXDISCOVERY INC	NV	R43AI140817	Immunoassay for early diagnosis of mucormycosis	\$0
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$0
2019	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$20,601
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$0
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$742,357
2019	CUNY, RESEARCH FOUNDATION	NY	UG3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	-\$179,706

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2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI136053	Immune Basis & Clinical implications of Threshold-Based Phenotypes of Peanut Allergy	\$0
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI145570	Single-cell analysis of HIV-1 production and transmission	-\$315,005
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$0
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	-\$477,989
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	-\$406,869
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$0
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130143	Regulation of Follicular T cell Responses in the Lung by Ion Channels	\$0
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI134328	Bispecific-Antibody-Drug Conjugates for Selective Targeting and Activation of the HIV Latent Reservoir	\$205,834
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI145570	Single-cell analysis of HIV-1 production and transmission	\$259,767
2019	SUNY, BUFFALO	NY	R01AI141557	Function and regulation of the essential RNA binding protein, DRBD18	\$0
2019	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$21,933
2019	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$0
2019	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	-\$369,819
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$41,844
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$65,045
2019	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	-\$61,657
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI125651	KIR and HLA in cis and trans cooperatively shape human NK education	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$74,365
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	\$0
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI139632	Antifungal Immunity and the Mechanism of Fungal Programmed Cell Death	\$0
2019	UNIVERSITY OF ROCHESTER	NY	R21AI147503	Proteomics Mapping of CD28 Costimulation	\$0
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI147201	Leveraging experimental and computational tools to define molecular functions of non-coding RNAs in innate immune responses to viral infection	\$0

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$0
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI129802	Bispecific and Trispecific Anti-Env Antibodies for Eliminating HIV Reservoir Cells	-\$449,653
2019	HEALTH RESEARCH, INC.	NY	R21AI134080	Roles of Rv0805 in biology of M. tuberculosis	\$0
2019	Trustees Of Columbia University In The City Of New York	NY	U54AI138370	Center for Solutions for ME/CFS	\$0
2019	SYLVATICA BIOTECH, INC.	NY	R44AI124835	High Subzero Equilibrium VCA Cryopreservation	\$0
2019	LONG ISLAND UNIVERSITY BROOKLYN CENTER	NY	R21AI142170	Targeting Intestinal Stem Cells to Augment the Repair of Epithelial Barrier	\$32,424
2019	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$0
2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U19AI144306	Heterogeneous pathways to autoantibody production: implications for prognosis and therapeutic targeting	\$0
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$52,912
2019	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$0
2019	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$4,511
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	-\$316,177
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$0
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	UM1AI130570	Mount Sinai's COFAR Clinical Research Unit and Clinical Trial (The "ADVANCE" Trial).	\$0
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI134328	Bispecific-Antibody-Drug Conjugates for Selective Targeting and Activation of the HIV Latent Reservoir	-\$251,448
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141434	Decay Accelerating Factor and B cell Immunity	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	-\$293,350
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	\$293,350
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI132555	A Rationally Targeted Approach to Preventing GBS Infection	\$0
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	\$0
2019	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$0
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$85,084
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$0
2019	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$122,642
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$376

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2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI136239	Elucidating the function of IRF8 during antiviral natural killer cell responses	-\$15,086
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$0
2019	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	-\$432,554
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132405	Cell Death Pathways and Heart Transplant Rejection	\$0
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	-\$497,159
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	\$442,945
2019	UNIVERSITY OF ROCHESTER	NY	F32AI138414	Myeloid innate immune T-bet functions in host defense to Toxoplasma gondii	-\$22,815
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI133977	Alternatively activated macrophages during helminth infection	\$0
2019	CUNY, RESEARCH FOUNDATION	NY	UH3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$179,706
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI145645	Quantifying Effector Functions of Anti-HIV IgG1 Antibodies In Vivo.	-\$690,667
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI145645	Quantifying Effector Functions of Anti-HIV IgG1 Antibodies In Vivo.	\$614,457
2019	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$13,377
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$0
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$400,677
2019	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$2,774
2019	UNIVERSITY OF ROCHESTER	NY	R03AI135835	Functional consequences of stable expression of the high avidity form of CD28	\$0
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI129802	Bispecific and Trispecific Anti-Env Antibodies for Eliminating HIV Reservoir Cells	\$368,083
2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U01AI133655	Mechanisms of Radiation-induced Vascular Endothelial Cell Injury and Its Correction	\$0
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$0
2019	Trustees Of Columbia University In The City Of New York	NY	U19AI131474	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	\$0
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	\$390,129

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI146329	Characteristics and protective efficacy of human antibodies against M. tuberculosis	\$0
2019	CORNELL UNIVERSITY	NY	R01AI132708	The Notch Signaling Pathway Regulates Basophil Responses During Helminth Infection	\$0
2019	CUNY, RESEARCH FOUNDATION	NY	UH3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	\$165,773
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$22,668
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$0
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$35,281
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI139675	Translational Regulation of CD8 T-Cell Immunity - Transfer of R01AI139675 from Emory	\$454,637
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI121330	Environmental influences on urban schistosomiasis transmission and elimination	\$0
2019	OHIO STATE UNIVERSITY	OH	R01AI134972	Identifying novel regulatory pathways underlying T helper 1 cell immune responses	\$224,922
2019	UNIVERSITY OF CINCINNATI	OH	R01AI139141	Targeting Human Plasma Cells To Overcome Humoral Responses in Transplantation	\$340,922
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI148276	Genomics of Inflammatory Bowel Disease	-\$42,930
2019	OHIO UNIVERSITY	OH	R03AI135788	An exploratory analysis of RNA thermometers in Staphylococcus aureus	\$0
2019	Research Institute at Nationwide's Children's Hospital	OH	R56AI146581	Modeling Antibody-induced Immune Responses by NK cells in Mice and Humans	\$0
2019	COLLEGE OF WOOSTER	OH	R15AI140223	New Targets for Vector Control: Regulation of Female Behavior and Physiology by Adipokinetic Hormone in Aedes aegypti	\$0
2019	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	-\$259,504
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$0
2019	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$0
2019	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI131295	?Resetting immune homeostasis: a non-invasive approach towards HIV eradication	\$0
2019	Research Institute at Nationwide's Children's Hospital	OH	U01AI131313	T Cell Immunity and HCV Infection Outcome	\$0
2019	GUILD ASSOCIATES INC	OH	R01AI138971	Rapid multiplex method for direct phenotypic ID/AST of bacterial pathogens	\$0
2019	OHIO STATE UNIVERSITY	OH	R01AI141495	SAMHD1-mediated regulation of HIV-1 innate immunity and viral gene expression	-\$476,943
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$290,252
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI129458	Characterization of a distinct NKT subset and its role in influenza responses	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	OKLAHOMA STATE UNIVERSITY	OK	R21AI137750	Regulation of cGAS-Mediated Cytosolic DNA Sensing Pathway	-\$103,354
2019	OKLAHOMA STATE UNIVERSITY	OK	R01AI141399	Role of FIP200 in RIG-I-mediated innate immunity	\$0
2019	NAJIT TECHNOLOGIES INC	OR	R44AI128990	Development of an H2O2-inactivated chikungunya virus vaccine	\$0
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI128970	An IL-15 superagonist approach to clear the latent viral reservoir	\$0
2019	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$1,089,258
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$0
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	-\$288,583
2019	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI137652	Functions of histones and chromatin remodeling complexes in productive HSV-1 infection	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI138716	Replication Competent HIV-1 in Blood and Tissues	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	\$362,512
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$0
2019	CARNEGIE-MELLON UNIVERSITY	PA	R21AI137464	C. ALBICANS HYPHAL CELL WALL STRESS RESPONSE	-\$307
2019	UNIVERSITY OF PITTSBURGH	PA	R56AI081759	Enterovirus Infection of Polarized Intestinal Cells	\$61,405
2019	UNIVERSITY OF PITTSBURGH	PA	U19AI131453	Regulatory immune cell therapy, promotion of tolerance and underlying mechanisms in NHP renal transplantation	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI123271	Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors	\$314,216
2019	CARNEGIE-MELLON UNIVERSITY	PA	R01AI134911	Carbon nanotube integrated microdevice for next generation sequencing based virus discovery	\$215,672
2019	TEMPLE UNIVERSITY	PA	R56AI143256	Synthetic rescue of antigen-driven T cells and alloimmunity	\$0
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	-\$445
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125563	Impact of early T-bet on CD8 T cell effector responses	\$0
2019	WISTAR INSTITUTE	PA	UM1AI126620	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	\$0
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI137173	Membrane trafficking in innate immunity to bacterial pathogens	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI136779	Regulatory Dendritic Cell Therapy in Live Donor Renal Transplant Recipients	\$0

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2019	UNIVERSITY OF PITTSBURGH	PA	R01AI134818	The Role of HBeAg in HBV Persistence	\$344,739
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	-\$46,812
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$0
2019	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	-\$74,364
2019	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	-\$112,407
2019	UNIVERSITY OF PITTSBURGH	PA	K08AI127933	Mechanism and Consequences of Temporal Gene Expression for SOS-induced Mutagenesis	\$0
2019	UNIVERSITY OF PITTSBURGH	PA	K22AI127367	Quantitative control of macrophage signaling and inflammation thresholds	\$0
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R37AI053531	Picornavirus Genome Replication	-\$438,720
2019	VENATORX PHARMACEUTICALS INC	PA	R01AI141239	New class of PBP inhibitors to address PBP2-mediated resistance in Neisseria gonorrhoeae	-\$144,387
2019	GORDON RESEARCH CONFERENCES	RI	R13AI143195	2019 Neuroimmune Communication in Health and Disease?, which will be held in Ventura, CA on January 13-18, 2019.	\$0
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145227	2019 Microbial Adhesion and Signal Transduction GRC/GRS	\$0
2019	GORDON RESEARCH CONFERENCES	RI	R13AI147361	2019 Malaria Gordon Research Conference and Gordon Research Seminar	\$0
2019	BROWN UNIVERSITY	RI	R01AI123400	Studies of the antibacterial activity of and resistance to molecules targeting the ClpP peptidase	-\$511,718
2019	GORDON RESEARCH CONFERENCES	RI	R13AI142797	2019 Immunology of Fungal Infections Gordon Research Conference & Gordon Research Seminar	\$0
2019	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$0
2019	UNIVERSITY OF RHODE ISLAND	RI	R21AI135618	Influenza vaccine immunity shaped by human-like influenza epitopes	\$0
2019	GORDON RESEARCH CONFERENCES	RI	R13AI147423	2019 Staphylococcal Diseases GRC/GRS	\$0
2019	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$0
2019	GORDON RESEARCH CONFERENCES	RI	R13AI143196	2019 Physical Virology Gordon Research Conferences and Gordon Research Seminars	\$0
2019	BROWN UNIVERSITY	RI	R01AI139520	Tracking the flow of malaria parasites and drug resistance within the DRC and across its borders	\$0
2019	BROWN UNIVERSITY	RI	R25AI140490	Emerging Infectious Disease Scholars at Brown University	\$0
2019	BROWN UNIVERSITY	RI	R21AI135228	Defining the Role of Prion-Like Domains in a C. albicans Transcription Factor Network	\$0

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2019	GORDON RESEARCH CONFERENCES	RI	R13AI145008	2019 Tuberculosis Drug Discovery and Development GRC: Shortening the Duration of Tuberculosis Chemotherapy and GRS	\$0
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI077283	Molecular chaperones and immune tolerance	\$0
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI142387	Rationally combining oncolytic virotherapy and TIM3 blockade	\$0
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI142079	Modulating endothelial cell immunometabolism and mitochondrial morphology- implications for organ transplantation	\$0
2019	FIRSTSTRING RESEARCH INC	SC	R43AI142887	Evaluation of a Novel Connexin-Based Peptide in the Treatment of Combined Ionizing Radiation and Thermal Burn Injury	\$0
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI132004	High vs. Standard Dose Flu Vaccine in Adult Stem Cell Transplant Recipients	\$0
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$0
2019	VANDERBILT UNIVERSITY	TN	F32AI140694	The mechanistic basis of how symbionts assist vector control	\$0
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$0
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI143005	The Effect of PGI2 on T regulatory Cell Function in Allergic Disease	\$0
2019	VANDERBILT UNIVERSITY	TN	F31AI143152	The mechanistic basis of Wolbachia-induced male killing	-\$14,508
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	-\$19,845
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI145877	Pathogenic role of innate immune cells in lupus nephritis	\$0
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133952	Coronavirus antiviral nucleoside analogs: inhibition and reduced susceptibility	-\$24,779
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$0
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$102,000
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI136514	Decoding the interactions between T cell receptors and peptide-MHC	\$0
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI139014	Discovery of small molecules inhibiting Toll-like receptor-mediated inflammation	-\$889,394
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$0
2019	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$0
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	\$34,849

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2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$22,514
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$38,472
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$0
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$143,696
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	\$0
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI138944	Graduate Research in Immunology Program (GRIP): To train graduate students for successful careers in academia, industry and government	\$0
2019	Texas Tech University Health Sciences Center at El Paso	TX	UG3AI150550	Novel CRISPR-Cas9 protein delivery to T cells in vivo by targeting CD7	-\$800,000
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$0
2019	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$0
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	-\$154,443
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$0
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI138793	Molecular Determinants of HIV hypermutation	\$39,770
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	U19AI142636	Cold Chain-Independent, Needle-Free Mucosal Virosomal Vaccine to Prevent HIV-1 Acquisition at Mucosal Levels	-\$727,169
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$0
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	-\$235,111
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI141945	IDENTIFY NOVEL NEUTRALIZATION-SENSITIVE EPITOPES OF COXIELLA BURNETII	\$186,875
2019	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	UG3AI150550	Novel CRISPR-Cas9 protein delivery to T cells in vivo by targeting CD7	\$707,740
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI130347	ROLE OF DENDRITIC CELLS IN REGULATING VACCINE- INDUCED IMMUNITY AGAINST Q FEVER	\$124,795
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI136963	Microbiota Specific T Cell Selection	\$0
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U19AI142784	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$0
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R13AI143049	Support of the 16th Annual South Central Medical Mycology Conference	-\$175
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$68,202

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2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI134240	Immune Correlates of Protection from TB	\$539,721
2019	Texas Tech University Health Sciences Center at El Paso	TX	R03AI134222	ANTI-HIV GENE THERAPY VECTORS	\$47,891
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI134681	Mimetic Peptides-Mediated Protection Against Coxiella burnetii Infection	\$878,445
2019	UNIVERSITY OF UTAH	UT	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	\$226,211
2019	UNIVERSITY OF UTAH	UT	R01AI139014	Discovery of small molecules inhibiting Toll-like receptor-mediated inflammation	\$1,142,772
2019	NAVIGEN INC	UT	SB1AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$0
2019	UNIVERSITY OF UTAH	UT	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$0
2019	UNIVERSITY OF UTAH	UT	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$0
2019	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$0
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$0
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI134972	Identifying novel regulatory pathways underlying T helper 1 cell immune responses	-\$224,922
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$109,285
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F31AI140609	SSRI's Suppress IgE-Mediated Mast Cell Function	-\$9,796
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$12,901
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$64,660
2019	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$0
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$0
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI125097	Peripheral and tissue-resident gammadelta T cells in HIV latency	\$434,029
2019	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	-\$373,147
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$0
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI065545	Chlamydial invasion of non-phagocytic cells	\$0
2019	UNIVERSITY OF WASHINGTON	WA	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	\$19,024
2019	UNIVERSITY OF WASHINGTON	WA	R21AI132960	Characterizing the Metabolic Requirements of Recent Thymic Emigrants	\$0
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137758	Signal transduction of cGAMP during innate immune responses	\$0

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2019	UNIVERSITY OF WASHINGTON	WA	F30AI140620	Defining defensin-mediated inhibition and enhancement of rotavirus infection	\$0
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$0
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$0
2019	UNIVERSITY OF WASHINGTON	WA	R21AI135437	Functional diversity of zinc finger antiviral protein isoforms during viral infection	\$0
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI136572	Effector Function of Regulatory T Cells in EAE	-\$235,375
2019	ORLANCE INC	WA	R44AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	\$209,092
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI141602	Molecular Mechanisms in Pediatric Cerebral Malaria Pathogenesis and Immunity	\$0
2019	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$0
2019	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	\$0
2019	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	\$0
2019	UNIVERSITY OF WASHINGTON	WA	F31AI140836	Evaluating predictors of HIV vaccine efficacy: Statistical methods for estimation, testing, and inference	-\$21,762
2019	UNIVERSITY OF WASHINGTON	WA	R37AI036929	Actin-based motility of a bacterial pathogen	\$402,545
2019	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$819
2019	UNIVERSITY OF WASHINGTON	WA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	\$70,162
2019	SPRINGSTAR INC	WA	R44AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	-\$2
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$0
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$0
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI132406	Regulatory Role of Tandem Tryptophan Codons in Chlamydial Persistence	\$0
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$1
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	\$91,625
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$24,522
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$0
2019	SCARAB GENOMICS LLC	WI	R44AI143170	Lysis-free extraction of biopharmaceuticals from the periplasm of Clean Genome E. coli	\$0

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2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134692	Enterotoxin-Mediated Development of Staphylococcus aureus Infective Endocarditis	\$127,901
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI145871	Identification of targets of the antiparasitic drug praziquantel	\$0
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI133594	Mechanism of radiation induced endovascular injury and mitigation via the Notch-Dll4 pathway	\$0
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$0
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134749	Microscale models of inflammation and its resolution	\$0
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$85,880
2019	MARSHALL UNIVERSITY RESEARCH CORPORATION	WV	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	\$121,413
2018	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R03AI125001	Quantifying Spatial Representativeness and Uncertainty in Antenatal Care Sentinel Surveillance for HIV in Sub-Saharan Africa.	-\$18,743
2018	UNIVERSITY OF ALBERTA		R21AI128598	Role of Siglec-10/G as a tumor suppressor in B-cells	\$0
2018	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	-\$29,317
2018	ROSS UNIVERSITY SCHOOL OF VETERINARY MEDICINE		R21AI128407	The role of African Green Monkeys in the epidemiology of Dengue and Chikungunya on St Kitts, West Indies	-\$11,204
2018	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$0
2018	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	-\$6,727
2018	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	-\$17,185
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI123432	Trafficking Mechanism of Gram-Positive Bacterial Moonlighting Proteins	-\$625
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	-\$519,249
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	-\$48,216
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI138534	14th Biennial Congress of the Anaerobes Society of the Americas	-\$7
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	-\$4
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI126850	Cytomegalovirus Infection Exacerbates Macrophage-driven Inflammation in Inflammatory Bowel Disease	\$18,559
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of B cell differentiation by IFN γ induced transcription factors	-\$9,063
2018	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$0

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2018	ARIZONA STATE UNIVERSITY	AZ	R21AI126361	Multiplexed quantification of circulating peptidomic signatures for EBOLA early diagnosis	\$0
2018	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	-\$33,867
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on CustomizedNanotrap	\$0
2018	STANFORD UNIVERSITY	CA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	-\$1
2018	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$0
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI129496	Role of autophagy for Zika virus lifecycle	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI132869	RNA-Binding Proteins in the control of B-Cell Development	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129863	Antiviral immunity in the Zika virus mosquito vector	\$0
2018	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery withoutneed for reconstitution - Phase II	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	-\$98,698
2018	La Jolla Institute For Immunology	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$0
2018	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	-\$5,955
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI127640	Exploiting interspecies/interkingdom communication for the discovery and development of novel natural products antifungal therapeutics	\$0
2018	STANFORD UNIVERSITY	CA	R21AI133192	Structure and function of HCMV gHgL complexes	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI133337	Single-cell sequencing of peripheral blood cells in SLE patients	\$0
2018	CLICK DIAGNOSTICS, INC	CA	R61AI140468	Single-use, disposable PCR home self-testing device to detect HIV-1 RNA in finger-stick blood	-\$203,407
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	-\$26,763
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$0

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI123873	Interaction of Influenza A virus NS1 protein with PABP1 and eIF4G	-\$4
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129401	Expression of gamma delta TCR ligands in development	\$0
2018	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	-\$999,722
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI128886	Systemic infections with non-typhoidal Salmonella	\$0
2018	MOLECULAR EXPRESS, INC	CA	R44AI115828	Development of a Vaccine for the Prevention of Pulmonary Aspergillosis	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI115133	Immune Regulation by Stem Cells: Role of Beta-Catenin in Liver Inflammatory Injury	-\$21,382
2018	IMMVENTION THERAPEUTIX INC	CA	R41AI140795	Advancing Formulation of STING agonist for Universal Flu Vaccine	\$0
2018	MAPP BIOPHARMACEUTICAL INC	CA	R44AI141282	Post-exposure immunotherapy for ricin exposure	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	-\$86,123
2018	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	-\$301,722
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	MicroRNA-mediated control of immune responses and tolerance	\$0
2018	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	-\$40
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$0
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01HD087046	Optimization of ERRg-specific ligands as in vivo Chemical Probes	\$0
2018	GENEFLUIDICS INC	CA	SB1AI088756	Near patient molecular diagnostics test for infections	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123937	Developing reciprocal chromosomal translocations for wild population replacement in an important vector of human disease.	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127639	Novel Therapeutics for Treatment of River Blindness and Lymphatic Filariasis	-\$2,877
2018	Lucira Health, Inc.	CA	R44AI129031	Low-Cost Instrument-free Point-of-Care Diagnostic for Neisseria gonorrhoeae	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI127809	Mechanisms of Viral DNA Packaging	-\$1,273
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$0
2018	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$0
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI125228	A model to visualize CD4 T cell responses to non-pathogenic E. coli	-\$1
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI133507	Regulation of Treg activity by controlling FOXP3 expression	-\$2,092

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2018	SCRIPPS RESEARCH INSTITUTE	CA	R56AI134418	Design and testing of germline-targeting and boosting immunogens to elicit 10E8-like broadly neutralizing antibodies against HIV	-\$82
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$0
2018	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$0
2018	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI125801	Regulation of Sexual Biofilm Development in Candida albicans	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	K99AI123498	Structural Studies of the Coronavirus Life Cycle	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	U01AI130842	PTPN22 R619W in NOD mice	\$0
2018	NIRMIDAS BIOTECH INC	CA	R21AI131689	A Nanoscale Plasmonic-Gold Platform for Specific Diagnosis of Zika and Differentiation from other Flavivirus Infections	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI130495	Function of bronchus-associated macrophages	\$0
2018	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI132034	Development of two simple and robust point-of-care assays for detection and therapy monitoring of hepatitis B in resource-limited settings	\$0
2018	AMPLYX PHARMACEUTICALS INC	CA	R44AI131864	Developing a novel antifungal targeting Gwt1 for the treatment of invasive aspergillosis and rare mold infections	\$0
2018	MEISSA VACCINES INC	CA	R56AI137848	Rationally designed live attenuated RSV vaccines	-\$13,625
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	-\$231
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	-\$193,613
2018	La Jolla Institute For Immunology	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$0
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129455	Identification of diagnostic and prognostic host biomarkers of Zika virus infection by transcriptome profiling	\$0
2018	CEDARS-SINAI MEDICAL CENTER	CA	R03AI130643	Neutrophil extracellular traps (NETs) in ventilator induced lung injury	-\$87,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	-\$30,303
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI128556	Modulation of Lassa Virus vRNP Activity By Host Cell Factors	\$0
2018	STANFORD UNIVERSITY	CA	K99AI135031	Genetic and Biochemical Interrogation of Rotavirus-Cohesin Interaction	-\$36,228
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	-\$8,587
2018	La Jolla Institute For Immunology	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	-\$51,805

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2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$0
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI129479	Development of a nonhuman primate model of fetal Zika virus infection and disease	-\$74
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128646	Roles of RelB in tuning inflammatory and innate immune responses	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	-\$966,239
2018	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI124068	IMMUNOGENIC SUGAR MOIETIES OF HCMV	\$0
2018	AURITEC PHARMACEUTICALS INC	CA	R43AI136201	Preclinical development of an intravaginal ring for the sustained release of Pritelivir for the treatment and prophylaxis of Genital Herpes in women	\$0
2018	SERPLUS TECHNOLOGY, LLC	CA	R41AI141068	Amelioration of rhinovirus induced asthma exacerbations by serpin B1	-\$1,689
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI096837	Mechanisms of the M protein in group A Streptococcus virulence	-\$38
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	-\$13
2018	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$0
2018	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	-\$162,382
2018	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114555	Integrative Genomics in Asthmatics of African Descent	-\$20,509
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140574	Framing the Response to Emerging Virus Infections	\$0
2018	AEROPHASE CORPORATIION	CO	R43AI132067	Treatment of NTM Respiratory Infections with Inhaled Drug Delivery	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R13AI133919	Molecular and Cellular Biology of Helminth Parasites	\$0
2018	COLORADO STATE UNIVERSITY	CO	R03AI128657	Serologic and virologic surveillance of bat and non-human primate samples for Zika virus in East Africa	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140575	Transcription and RNA Regulation in Inflammation and Immunity	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	-\$29,785
2018	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI140639	The 18th Annual Meeting of the Rocky Mountain Virology Association	\$0
2018	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	-\$25,381
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$0
2018	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$0

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2018	YALE UNIVERSITY	CT	T32AI055403	Predocctoral Training Program in Virology	-\$24,215
2018	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$0
2018	YALE UNIVERSITY	CT	R21AI123858	Regulation of Pulmonary Inflammation in Asthma by Wnt Antagonist DKK1	\$0
2018	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$3,098
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$0
2018	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$124,175
2018	YALE UNIVERSITY	CT	F32AI126660	RNA-Protein Interactions During Hepatitis C Virus Infection	\$0
2018	YALE UNIVERSITY	CT	R21AI121993	Multifactor mRNA Mediated T Cell Reprogramming for Systemic Lupus Erythematosus	-\$104
2018	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammasome regulators during mammalian host defense	\$0
2018	UNIVERSITY OF CONNECTICUT	CT	R21AI128737	Rapid development of replication-controlled vaccinia virus vectors for vaccines and therapeutics with single or double safety features	\$0
2018	YALE UNIVERSITY	CT	R01AI105097	Thymic adipogenesis and age-related thymic demise	-\$1
2018	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$0
2018	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$0
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$0
2018	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	-\$122,391
2018	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$0
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI140629	8th ASM Conference on Biofilms	\$0
2018	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$0
2018	UNIVERSITY OF MIAMI	FL	R21AI128164	Characterization Of A Novel ETEC Virulence Factor And Secretion System	-\$40
2018	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$0
2018	ISENSE LLC	FL	SB1AI094781	Rapid Identification of Pathogenic Bacteria in Blood causing Sepsis	\$0
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	-\$2,373
2018	Z-QUICK, LLC	FL	R41AI138720	Rapid development of a Zika-specific diagnostic test	-\$3,098
2018	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R21AI128188	Meeting Urgent Needs in Surveillance and Diagnostics. Zika	-\$3,891
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI123876	Development of a method for visual detection of Mycobacterium tuberculosis complex	-\$78

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2018	EMMUNE INC	FL	R44AI124832	WHICH ISOTYPE OF ECD4-IG MOST EFFECTIVELY SUPPRESSES VIRUS REPLICATION?	\$0
2018	UNIVERSITY OF FLORIDA	FL	R21AI1131328	AAV2 and hepatocellular carcinoma	\$0
2018	UNIVERSITY OF FLORIDA	FL	R21AI1131205	Transcriptional control of genes implicated in suppression function of Treg cells	-\$3,753
2018	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	-\$1,125,321
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	-\$12,076
2018	EMORY UNIVERSITY	GA	R01AI125405	Impact of eliminating nonmedical exemptions in California	-\$587,029
2018	EMORY UNIVERSITY	GA	R21AI128313	Emergence of ST-11 Neisseria meningitidis as a sexually transmitted pathogen	\$0
2018	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	-\$1,292
2018	EMORY UNIVERSITY	GA	R01AI112723	Understanding disparities in effective HIV treatment and prevention: Involvement+	\$0
2018	EMORY UNIVERSITY	GA	R21AI130918	High-Resolution Plasma Metabolomic Profiling to Identify Biomarkers for Tuberculosis Disease and Response to Therapy	-\$74
2018	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R03AI123886	Role of a multigene chromosome insert in pathogenesis of rickettsiae	\$0
2018	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$0
2018	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	-\$4
2018	EMORY UNIVERSITY	GA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$0
2018	EMORY UNIVERSITY	GA	R01AI118853	Innate activation and death signals in health and disease	-\$17
2018	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	-\$232,614
2018	EMORY UNIVERSITY	GA	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$0
2018	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	-\$2,576
2018	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	-\$67
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI128195	Role of Clp proteins in the biogenesis of the malaria parasite plastid	\$0
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	-\$317,444
2018	UNIVERSITY OF HAWAII	HI	R21AI129465	Under attack: Modulation of the blood-testes barrier by Zika virus	\$0

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2018	UNIVERSITY OF IOWA	IA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$15,060
2018	UNIVERSITY OF IOWA	IA	R21AI133155	Regulation of budding during herpesvirus nuclear egress	\$0
2018	UNIVERSITY OF IOWA	IA	R01AI134692	Enterotoxin-Mediated Development of Staphylococcus aureus Infective Endocarditis	-\$127,901
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI140669	Emerging multidrug resistance mechanisms in Campylobacter	\$0
2018	UNIVERSITY OF IOWA	IA	R01AI112579	Tcf/Lef-b-catenin in T cell identity and cancer	\$0
2018	UNIVERSITY OF IOWA	IA	R13AI140630	25th Annual Midwest Microbial Pathogenesis Conference	-\$25
2018	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$0
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI127622	Targeting Plasmodium apicoplast DNA replication for the treatment and prevention of malaria	\$0
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	\$191,338
2018	UNIVERSITY OF CHICAGO	IL	R21AI133361	Novel innate immune sensing mechanisms of intracellular RNA	-\$411
2018	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	-\$3,885
2018	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	-\$362
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI116441	EVALUATION OF A LYMPHATIC FILARIASIS VACCINE IN NON-HUMAN PRIMATES	\$0
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI121806	Paratransgenic sand flies	\$0
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R15AI131148	Establish a pregnant sow model for assessment of influenza vaccine safety and efficacy during pregnancy	\$1
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$0
2018	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	-\$11,037
2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$0
2018	NORTHWESTERN UNIVERSITY	IL	R21AI140029	Identifying Kawasaki Disease-Specific Antibodies and Antigens	-\$52,307
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI128228	Mechanism and structure of a novel activator of an alternative Sigma factor regulating competence	\$0
2018	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UG3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	-\$418,150
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133050	Analysis of Mbd4 function during the generation of Ig diversity	\$0
2018	UNIVERSITY OF CHICAGO	IL	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	-\$612

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2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	-\$101,557
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	-\$116,242
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	-\$719,538
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI114435	The HIV Care Continuum Among Recent Offenders	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI131072	Genetic Engineering of the rotavirus genome through a fully recombinant reverse gene	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI130751	Decoupling Receptor Clusters and Signaling Crosstalk in Phagosome Membranes	\$0
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127973	Functions of Translocated Bacterial Glycosyltransferases	-\$44,605
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R15AI131148	Establish a pregnant sow model for assessment of influenza vaccine safety and efficacy during pregnancy	-\$1
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121906	Evolution and biology of Influenza B viruses in pigs	\$0
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$0
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI128406	Selective translation conferred by the poly(A) leader of vaccinia virus mRNAs	\$0
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI128206	Intestinal epithelial cells-derived exosomal miRNAs regulate liver inflammation in obesity	\$0
2018	ENEPRET INCORPORATED	KY	R41AI141060	Evaluating Synthetic Biology Produced Triterpene Oils in Adjuvant Formulations	\$0
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	U01AI123832	Role of TRPV1 in asthma exacerbation	\$0
2018	THERAPYX INC	KY	R44AI115877	Experimental Gonococcal Vaccine	\$0
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$0
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI129522	Pathogenesis of Borrelia mayonii infection	\$0
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI130437	Exploring neurotropism in a food borne model of listeriosis	\$0
2018	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	-\$70,880
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	-\$74,486
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI130672	Large farm and small companion animal intestinal organoids as platforms for parasite enteric development	\$0

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2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134240	Immune Correlates of Protection from TB	-\$539,721
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	-\$169,498
2018	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	-\$1,558,878
2018	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	-\$98,504
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	-\$70,162
2018	BOSTON MEDICAL CENTER	MA	F31AI129195	Effects of Differential T Cell Associated Signals on HIV Infection	-\$6,081
2018	CASTERBRIDGE PHARMACEUTICALS INC	MA	R41AI134187	Developing novel combination therapies for HSV genital infection.	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$0
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$29,074
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	-\$660,546
2018	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	-\$16,338
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	-\$47,904
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	-\$15,060
2018	VOLATYLIX, INC.	MA	R44AI141264	A Rapid Breath Test for Invasive Aspergillosis	-\$4
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	-\$7,511
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$0
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI117466	B Cells in Tolerance and Chronic Rejection of Monkey Kidney Allografts	-\$336
2018	Trustees Of Boston University	MA	R01AI113927	Rapid molecular diagnostic for chlamydia and gonorrhea at the point-of-care	\$0
2018	ARC BIO, LLC	MA	R43AI138864	Development of a sample-to-answer sequencing pipeline for detection of viral infections and co-infections in immunocompromised transplant patients.	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114710	Lipooligosaccharide mimitope vaccines against Neisseria gonorrhoeae	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126122	Regulation of Antibody Diversity by AP Endonucleases	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI131912	Unbiased identification of HIV-derived antigens during latency and reactivation	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	-\$105,126

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2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	-\$49,391
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	-\$46,708
2018	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI131695	DNA Virus Infection Induces an Anti-Viral State in Drosophila	\$0
2018	DANA-FARBER CANCER INSTITUTE	MA	R21AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	-\$20,322
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128547	Bacterial inhibition of Pypin inflammasome activation	\$0
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI134274	Novel Antibiotics from Marine Invertebrate Microbes	\$0
2018	Trustees Of Boston University	MA	R21AI128189	Cytosolic mRNA Uridylation in Trypanosoma brucei	\$0
2018	TUFTS UNIVERSITY	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	\$4,029
2018	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$0
2018	Trustees Of Boston University	MA	T32AI007309	Research Training in Immunology	-\$31,342
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	-\$7,382
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI130776	Development and application of glycan readers for the detection and analysis of bacterial glycoconjugates	-\$4
2018	TUFTS MEDICAL CENTER	MA	R21AI128342	A bioengineered 3D primary human intestinal model for Cryptosporidium	\$0
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI128623	Developing a microfluidic platform for single virus genomics and virus discovery	\$0
2018	SPERO THERAPEUTICS, INC.	MA	R44AI131749	A Novel Gyrase Inhibitor for the Treatment of Drug-susceptible and Multidrug-resistant Mycobacterium tuberculosis Infections	-\$158
2018	HELIXBIND INC	MA	R43AI136064	Culture-free identification of pathogens common in endocarditis directly from patient specimens	-\$5,900
2018	VERSATOPE THERAPEUTICS	MA	R43AI136291	Universal Influenza Vaccine	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	-\$138,484
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	-\$514
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	-\$426,260
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	-\$471,654
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$0
2018	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	-\$73,113
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	-\$2,029

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2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$0
2018	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$0
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$0
2018	TUFTS UNIVERSITY	MA	R21AI125891	Towards the development of pro- and prebiotics against cryptosporidiosis	-\$6
2018	NORTHEASTERN UNIVERSITY	MA	R21AI127594	Lead optimization of agents targeting multiple kinetoplastid parasites	-\$21,119
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI129717	The HLA-E peptidome in HIV infection	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI132981	Inhibitor class dependent consequences of prolyl-tRNA synthetase inhibition in Plasmodium falciparum	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	-\$57,496
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$79
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121997	Maternal effects on immune function in the offspring	\$0
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI130669	Aspergillus fumigatus Volatile Secondary Metabolite Dynamics for the Identification of Azole-resistant Aspergillosis	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI128743	Shigella and macrophage cell death	\$0
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI129168	Intragraft DepTOR and transplant rejection	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$0
2018	BETH ISRAEL HOSPITAL	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	-\$4,029
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI112367	Safety and efficacy of PfSPZ malaria vaccine in malaria-exposed adults	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI125810	An enabling technology to dissect critical molecular events in bacterial pathogenesis	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI121990	Impact of malaria during pregnancy on infant health	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	-\$1,948
2018	BIOLOGICAL MIMETICS, INC	MD	R43AI122411	Improved RSV F Vaccine Candidates	\$0
2018	PROFECTUS BIOSCIENCES INC	MD	R44AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	-\$209,092
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI130595	Targeted Immunotherapy for Tuberculosis and HIV co-infection	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI124923	Immune correlates of HAART-mediated spontaneous control of chronic HCV infection	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI134151	Defining the HLA ligandome of HIV-1 latently infected CD4 + T cells	-\$1,309

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2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI131706	Construction of a ZIKV-host protein-protein interaction network	\$0
2018	UNIVERSITY OF MARYLAND	MD	R21AI133670	Molecular mechanisms of the stringent response in Mycobacterium tuberculosis	-\$2,786
2018	JOHNS HOPKINS UNIVERSITY	MD	R33AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	-\$4,892
2018	SANARIA INC	MD	SB1AI055229	PfSPZ Vaccines: Quality Systems, Manufacturing, Regulatory, and Clinical Quality and Data Management Support for Product Commercialization	-\$22,076
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	-\$3,483
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	-\$59,125
2018	BIOLOGICAL MIMETICS, INC	MD	R44AI120260	Development of an improved, low-cost polio vaccine (Ir-IPV)	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	-\$160,051
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	UG3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	-\$570,457
2018	NOVEL MICRODEVICES LLC	MD	R43AI136161	Low Cost, Rapid Molecular Diagnostic for Chlamydia and Gonorrhea at the Point-of-Care	\$0
2018	MICHIGAN STATE UNIVERSITY	MI	R03AI130554	Developing novel technologies to address fundamental questions about second messenger signaling	\$0
2018	Regents of the University of Michigan	MI	R33AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$0
2018	WAYNE STATE UNIVERSITY	MI	K22AI120988	ROLE OF NEK7 PROTEIN IN NLRP3 INFLAMMASOME ACTIVATION AND INFLAMMATION	\$0
2018	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$0
2018	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$0
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI113257	Rapid in-field malaria diagnosis, prognosis and monitoring using a mobile phone	\$0
2018	NYMIRUM INC	MI	R43AI136190	Targeting Exonuclease Resistant RNA to Develop Zika Virus Therapeutics	\$0
2018	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$0
2018	TSRL, INC	MI	R43AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza Infections	\$0

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2018	UNIVERSITY OF MINNESOTA	MN	R01AI140547	The role of thymic type I interferon in tolerance	-\$6,905
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$0
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128133	Bordetella pertussis growth stimulation by human serum involving a novel iron uptake mechanism.	\$0
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI127961	Ehrlichia genes required for tick colonization and virulence	-\$198
2018	MAYO CLINIC	MN	R21AI128037	Measles virus C protein: polymerase interactions and innate immunity evasion	\$0
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI138793	Molecular Determinants of HIV hypermutation	-\$22,270
2018	UNIVERSITY OF MINNESOTA	MN	R21AI131454	Zika virus evolutionary dynamics in host adaptation	\$0
2018	MAYO CLINIC	MN	R21AI130298	Mucosal Single-Cycle Vaccines against Zika Virus	\$0
2018	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	-\$153,547
2018	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	-\$63,168
2018	GATEWAY PROFESSIONAL CONSULTING LLC	MO	R43AI138683	Development of a new colon-targeting and rapid-release metronidazole treatment for Clostridium difficile infection	\$0
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134681	Mimetic Peptides-Mediated Protection Against Coxiella burnetii Infection	-\$341,468
2018	SAINT LOUIS UNIVERSITY	MO	R21AI128270	Protective and pathologic effects of Th17 cells specific for an intracellular pathogen	\$0
2018	WASHINGTON UNIVERSITY	MO	R21AI119744	INHIBITION OF STAT TRANSCRIPTION BY TOXOPLASMA	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	-\$60,885
2018	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	-\$4,835
2018	VaxNewMO LLC	MO	R41AI136233	Glycoengineering a bioconjugate vaccine against Klebsiella pneumoniae	\$0
2018	WASHINGTON UNIVERSITY	MO	R33AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	-\$45,680
2018	WASHINGTON UNIVERSITY	MO	R01AI123926	Multi-platform High Throughput Screens for Filoviral Replication Inhibitors	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	-\$61,242
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	-\$30,724
2018	MISSISSIPPI STATE UNIVERSITY	MS	R21AI135820	Risk Assessment of Influenza A viruses	-\$170,145

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2018	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	-\$188,299
2018	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$0
2018	UNIVERSITY OF MONTANA	MT	R21AI128575	Small RNAs of Bartonella bacilliformis; the agent of Carrion's disease in humans	\$0
2018	RIVIS, INC	NC	R43AI138757	Novel High Flux Irradiator for Pathogen Inactivation of Blood Products	\$0
2018	Duke University	NC	T32AI052077	Basic Immunology Training Program	-\$5,426
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI119558	Evaluating the Role of Neutrophils in the Progression of Pneumonic Plague	\$0
2018	Duke University	NC	R21AI128197	Viral mechanisms of necroptosis evasion	-\$25
2018	RIBOMETRIX LLC	NC	R21AI131801	Targeting the HIV RNA genome using fragment-based ligand discovery	\$0
2018	Duke University	NC	R21AI133444	The effects of cells that survive direct influenza A virus infection on lung repair	-\$1
2018	COLLABORATIONS PHARMACEUTICALS, INC.	NC	R41AI134561	Structure-guided optimization of an in vivo active small molecule antitubercular targeting KasA	-\$9,873
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$0
2018	Duke University	NC	R21AI127551	Defining the Aspergillus fumigatus Calcineurin-Dependent Regulatory Network through Whole Phosphoproteome Analysis	-\$94
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI134073	Structure based design of recombinant Zika virus antigens for serodiagnosis	\$0
2018	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	-\$161,444
2018	Duke University	NC	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	-\$1
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$0
2018	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACC	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121462	Discovering Histoplasma factors required for initial macrophage interaction	\$0
2018	Duke University	NC	R56AI139425	Human GBPs as regulators of immunity to intracellular bacterial pathogens	\$0
2018	Duke University	NC	R21AI128727	IL-27 in skin host defense and regeneration	-\$10,754
2018	MUCOMMUNE, LLC	NC	R43AI138728	Nebulized 'muco-trapping' antibodies for treating respiratory syncytial virus (RSV) infections	\$0
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI140573	International Conference on Grampositive Pathoegns	\$0
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI121351	Group testing for infectious disease detection: multiplex assays and back-end screening	\$0
2018	CREIGHTON UNIVERSITY	NE	R21AI119829	Implications of B10-like cell expansion in a model of impaired receptor editing	-\$2,323

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2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	-\$367,435
2018	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	-\$3,756
2018	DARTMOUTH COLLEGE	NH	R21AI121782	Cholera conjugates designed to prevent colonization and induce B cell memory	-\$16,439
2018	DARTMOUTH COLLEGE	NH	R01AI117739	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	\$0
2018	DARTMOUTH COLLEGE	NH	R21AI129869	Novel rhopty protein function in chronic toxoplasma infection	\$0
2018	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	-\$2
2018	DARTMOUTH COLLEGE	NH	R21AI130540	Optimization of a novel compound that enhances the activity of beta-lactams against Gram+ bacteria	-\$1
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI125806	Comorbidity of hypercholesterolemia and Lyme disease	\$0
2018	PROKARYOTICS INC.	NJ	R44AI138688	Development of a novel agent to treat antimicrobial resistant Neisseria gonorrhoeae	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	-\$64,324
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135879	Distinguishing Chronic Fatigue Syndrome from Fibromyalgia by Unbiased Proteomics	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$0
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI117776	ANTI-HIV COLORECTAL NANOCARRIER-BASED FOAMS FOR MUCOSAL PRE-EXPOSURE PROPHYLAXIS	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123859	Remodeling of ribosome function by MazF toxins	\$0
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$138,484
2018	UNIVERSITY OF NEVADA-RENO	NV	R03AI128290	Puerperal sepsis and group A Streptococcus heterogeneity	\$0
2018	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	-\$122,642
2018	SUNY, BUFFALO	NY	R21AI128421	A novel DNA damage response that inhibits polyomavirus DNA replication	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127955	Human Ex Vivo Models of Zika Virus Infection	\$0
2018	SUNY, BUFFALO	NY	R21AI126367	An in vitro Microscale Platform for Antibiotic Biosynthesis and Discovery	-\$16
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$0
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI110593	Advanced Rigidity-based Material for Enhanced Immunotherapy	\$0
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R00AI121473	Intrinsic and innate barriers to respiratory virus infections	-\$262
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI133076	The Origin and Memory of Human IgE Responses	-\$73

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2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI127295	Interplay of host factors that modulate HIV-1 release and replication fitness	-\$2,027
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133649	Deep mutational scanning of the Zika envelope protein	\$0
2018	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	-\$2,774
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	-\$65,045
2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$0
2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI126863	Host and viral determinants of hepatitis C virus species tropism	-\$16,732
2018	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$0
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	-\$315
2018	ROCKEFELLER UNIVERSITY	NY	R21AI134041	Host factors in innate immunity and retroelement control	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133717	Development of biologics targeting human cytomegalovirus envelope proteins	\$0
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	-\$376
2018	SUNY, BUFFALO	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	\$0
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI128517	Novel antitrypanosomal alkaloids for Chagas disease	\$0
2018	UNIVERSITY OF ROCHESTER	NY	R21AI130500	Single-cycle infectious Zika viruses for the development of a live-attenuated vaccine	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI133329	Function and Mechanism of Viperin, a radical SAM antiviral protein	-\$1,904
2018	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$0
2018	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	-\$21,933
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	-\$3,466
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$0
2018	THERASOURCE LLC	NY	R44AI096777	Human Ghrelin as an Effective Mitigator of Acute Radiation Injury	\$0
2018	CUNY, RESEARCH FOUNDATION	NY	UG3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	-\$165,773

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2018	ROCKEFELLER UNIVERSITY	NY	R21AI122093	Control of antiviral innate response by the bromodomain-containing BET proteins	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	-\$390,129
2018	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	-\$20,601
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	-\$258,702
2018	HEALTH RESEARCH, INC.	NY	R21AI118351	Role of M. tuberculosis error-prone DNA polymerase DnaE2 in mutagenesis and drug resistance	\$0
2018	NOVASTERILIS INC	NY	R44AI120282	Optimization of Supercritical Carbon Dioxide Based Virus Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI134366	Interplay between Negative Regulators of Type I Interferon and HIV control	-\$508
2018	ROCKEFELLER UNIVERSITY	NY	K99AI127243	New Approaches for Vaccine Development against HIV	-\$14,722
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI139015	Discovery and validation of pan-influenza antivirals	\$0
2018	Trustees Of Columbia University In The City Of New York	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	-\$41,844
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130760	Harnessing NK cell effector function for immunotherapies	-\$18
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129827	ZIKA VIRUS RESISTANCE; HOST DETERMINANTS	\$0
2018	UNIVERSITY OF ROCHESTER	NY	R21AI128097	Development of Human Broadly Neutralizing Monoclonal Antibodies Against New World Arenaviruses?	-\$33
2018	CORNELL UNIVERSITY	NY	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	-\$19,024
2018	CORNELL UNIVERSITY	NY	R13AI140632	2018 International Double-Stranded RNA Virus conference (DSRNA2018)	\$0
2018	Trustees Of Columbia University In The City Of New York	NY	T32AI007531	Training in Pediatric Infectious Diseases	-\$52,912
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI070117	Geographic Medicine and Emerging Infections	-\$85,084
2018	SUNY, STONY BROOK	NY	R21AI131729	Role of Persistent Zika Virus Infection of Endothelial Cells in Pathogenesis	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129486	Interferon signaling inhibition by the Zika virus NS5 protein	\$0
2018	ABCOMBI BIOSCIENCES INC	NY	R43AI141048	Lead Candidate Finalization and a Comprehensive Biological Assessment of a New Class of Pneumococcal Vaccines	\$0
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI119385	Impact of prenatal HDM exposure in severely asthmatic mothers on offspring asthma	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	OHIO STATE UNIVERSITY	OH	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	-\$8,631
2018	UNIVERSITY OF CINCINNATI	OH	R56AI139141	Targeting Human Plasma Cells To Overcome Humoral Responses in Transplantation	-\$340,922
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128218	Direct interactions with HDL promote regulatory T cells survival	\$0
2018	OHIO STATE UNIVERSITY	OH	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Approach	\$0
2018	OHIO UNIVERSITY	OH	R21AI128376	Characterizing the role of PrsB, an intracellular PPIase that is required for activity of secreted virulence factors in Staphylococcus aureus	-\$369
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	-\$35,281
2018	OHIO STATE UNIVERSITY	OH	R21AI129951	Development of plant-derived, resistance-breaking mosquitocides for controlling vectors of Zika virus	-\$236
2018	OHIO STATE UNIVERSITY	OH	R21AI127354	Novel Epigenetic Modifier Inhibitor Drugs for T cell Modulation in Multiple Sclerosis	\$0
2018	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	-\$242,540
2018	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	-\$5,407
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128445	Characterization of a novel hematopoietic site	\$0
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	-\$22,668
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	\$0
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	-\$290,252
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI129560	The Olive Baboon, a translational model for the study of Zika virus biology and pathogenesis	\$0
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$0
2018	OKLAHOMA STATE UNIVERSITY	OK	R21AI128520	A self-limited live RSV vaccine inducing anti- pre-fusion F antibodies	\$0
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	-\$100,000
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI140640	51st Annual Meeting of the Society for Leukocyte Biology (SLB)	\$0
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI140641	International Herpesvirus Workshop	\$0
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI124225	Defining the role of host lipid repertoire in Mycobacterium tuberculosis infection	\$0
2018	VIROGENOMICS BIODEVELOPMENT INC	OR	R42AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$0

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2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI128175	Toward an Pan-lyssavirus vaccine	-\$300
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI133379	Dissecting RNA Regulation During Malaria Parasite Sexual Development	-\$1,380
2018	UNIVERSITY OF PITTSBURGH	PA	R34AI136782	Randomized Controlled Trial of Anti-TNF to Preserve Allograft Function in High-Risk Renal Transplant Patients Based on a B Cell Biomarker	-\$3,380
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$119,164
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI133261	CD27:CD70 signaling in hematopoietic stem cell formation	\$0
2018	DREXEL UNIVERSITY	PA	R21AI129539	Molecular Components of Plasmodium Secretory Organelles	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	F30AI122563	Mechanisms of noncytolytic reovirus egress	-\$2,986
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$0
2018	WISTAR INSTITUTE	PA	R21AI129636	Role of Host Glycosylation in the Galectin-9-Mediated Reversal of HIV Latency	-\$7,719
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128338	Chromosomal and plasmid contributions to colistin resistance and virulence in KPC-producing Klebsiella pneumoniae	-\$5
2018	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$0
2018	BUCKNELL UNIVERSITY	PA	R21AI117392	Transcriptomics of immunity and disease in African Fruit Bats- important zoonotic reservoirs	\$0
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134911	Carbon nanotube integrated microdevice for next generation sequencing based virus discovery	-\$215,672
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI130496	Role of proinflammatory tRNA-derived RNAs in asthma	\$0
2018	TEMPLE UNIVERSITY	PA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	-\$1,089,258
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	-\$18,774
2018	VENATORX PHARMACEUTICALS INC	PA	R44AI122421	Advancement to Clinical Candidate of Novel, Potent and Selective Chikungunya virus inhibitor series	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	F31AI126632	Elucidating the Role of the FACT Complex in the HSV-1 Life Cycle	-\$12,217
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI129531	Discovering host factors impacting ZIKV infection via forward genetic screens	\$0
2018	DREXEL UNIVERSITY	PA	R21AI133372	Injectable Biomaterial Scaffold for Inducing Antigen-Specific Tolerance	-\$134
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$82
2018	DREXEL UNIVERSITY	PA	K22AI127702	Nonconventional mitochondrial ribosomes of malaria parasites	\$0

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2018	HEPATITIS B FOUNDATION	PA	R13AI140637	2018 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$0
2018	RESPANA THERAPEUTICS INC	PA	R41AI136294	Novel therapeutic monoclonal antibody targeting SP-R210 isoforms to prevent influenza disease progression and expedite resolution of comorbidities	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI127832	Mechanism for virus persistence after acute infections	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	U19AI131453	Regulatory immune cell therapy, promotion of tolerance and underlying mechanisms in NHP renal transplantation	\$0
2018	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$0
2018	CLEMSON UNIVERSITY	SC	R21AI127575	Identification of kinetoplastid parasite glucose uptake and subcellular localization inhibitors as therapeutic leads	-\$15
2018	UNIVERSITY OF SOUTH CAROLINA	SC	K22AI123481	Exploring how B cell Maturation Pathways Influence Microbiota Composition and Host Health	-\$21
2018	IQUITY LABS, INC.	TN	R44AI124766	Long non-coding RNA signatures to classify multiple sclerosis	-\$151
2018	UNIVERSITY OF TENNESSEE	TN	R21AI130895	Identification of CDP-DAG and serine binding sites in Candida albicans phosphatidylserine synthase, an antifungal drug target	\$0
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI139014	Discovery of small molecules inhibiting Toll-like receptor-mediated inflammation	-\$328,392
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$0
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminoglycosides for Biodefense	-\$33,777
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI133527	Obesity, Influenza and Microbiome	\$0
2018	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R15AI135826	Modulation of Macrophage Polarization by a Facultative Intracellular Pathogen	\$0
2018	EAST TENNESSEE STATE UNIVERSITY	TN	R03AI128050	Determining the importance of in vivo estrogen receptors and in vitro hormone modulation of Wnt/?-catenin signaling on Chlamydia infections.	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124009	Inhibition of Bacterial and Host-Derived H2S Production for the Therapeutic Enhancement of Anti-Bacterial Host Defense	-\$577
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI130668	Translational Control of Antifungal Resistance in Candida albicans	\$0
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI128953	Social-ecological factors influencing receptivity to Zika virus and the efficacy of interventions in communities along the Texas-Mexico border	\$0
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI112477	Reducing Readmissions and Improving Outcomes in HIV-Infected Patients	\$0
2018	FANNIN PARTNERS, LLC	TX	R44AI125007	Preclinical evaluation of a novel small molecule STAT inhibitor	\$0

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2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	-\$38,472
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R33AI116208	Adipose Tissue is a significant reservoir for HIV	-\$174,958
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI110941	Single Cell Genomics for Malaria Parasites	\$0
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127997	Role of STAT3 in Treg during Autoimmune CNS Inflammation	\$0
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI134877	STING Trafficking, Activation and Signaling Beyond Interferon	\$0
2018	EPICYPHER INC	TX	R43AI134162	Rapid Quantification of Nuclear Citrullination in Human Neutrophils	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	-\$22,514
2018	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	-\$50,443
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	-\$12,021
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI129883	Translational Control of Biofilm Development and Maintenance in Oral Candidiasis	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123610	Notch signaling and functional relevance during Ehrlichia chaffeensis infection	\$0
2018	EPICYPHER INC	TX	R43AI140942	High-Density Modified Histone Peptide Arrays for Tracking Patient Response	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	-\$4,780
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI117862	Trans-complementing papilloma virus for AIDS vaccine	\$0
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI110577	Dynamics of Hepatis C viral RNA-dependent RNA replication	\$0
2018	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123651	Identifying molecular events occurring during the life cycle of tick-born relapsing fever spirochetes	\$0
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	-\$2,508,927
2018	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	-\$113,204
2018	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	\$24,255
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	-\$143,696
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI128151	Lactate metabolism during Salmonella infection	\$0
2018	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	-\$151,190
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI122142	Role of Hydrogen Sulfide in Viral Infections	-\$277
2018	PHARMA REVIEW CORPORATION	TX	R42AI117990	Lactoferrin Modulation of Granuloma Pathology	\$0

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2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI128325	Role of stem cell-derived T lymphocytes in chronic HBV infection	\$0
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	The flavin-centric metabolic lifestyle of Treponema pallidum	-\$4,028
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$0
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$0
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI134222	ANTI-HIV GENE THERAPY VECTORS	-\$47,891
2018	NAVIGEN INC	UT	R44AI098197	Preclinical development of a potent D-peptide RSV inhibitor	\$0
2018	NAVIGEN INC	UT	R43AI141129	ARF6 Inhibitor as Adjunctive Therapy for Treatment of SA Bacteremia	\$0
2018	GEORGE MASON UNIVERSITY	VA	R15AI137981	Exosomes on a Chip: Real-time monitoring of intercellular communication and immune responses during infection	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI131990	An intact Env gp140 that engages the germline B cell receptor of the VRC01 broadly neutralizing antibody	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	-\$12,901
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	-\$3,098
2018	BLUE RIDGE BIOSCIENCES LLC	VA	R41AI141302	Targeting the host response to limit infection by intracellular bacterial pathogens	\$0
2018	GEORGE WASHINGTON UNIVERSITY	VA	R13AI140831	22nd Annual United States Conference on AIDS (USCA)	-\$73
2018	BIO THERAPEUTICS INC	VA	R44AI134163	BT-11: A First-in-class Oral Therapeutic for Inflammatory Bowel Disease	\$0
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI110675	Role of TGF-beta signaling in the Drosophila immune response against nematode-bacteria complexes	-\$610
2018	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI133465	Tuning of innate immunity in local lung	\$0
2018	UNIVERSITY OF VERMONT	VT	R21AI128595	Genome-Wide Physical Mapping of IAV-QTL in Wild-Derived Inbred Mice	\$0
2018	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	-\$224
2018	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	-\$122
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$0

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2018	UNIVERSITY OF WASHINGTON	WA	R21AI133169	Regulation of recombination in Mycoplasma genitalium	\$0
2018	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	-\$819
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130361	Discovery of Chlamydia-host interactions	\$0
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI124144	Dynamics of Campylobacter jejuni and host responses in the porcine intestinal-loop infection model	-\$127
2018	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R21AI132355	Anti-infective Biomaterials that Enhance Innate Immunity	\$0
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI129192	Generating tolerance to antibody-based drugs	-\$398
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI128699	Functional analysis of an essential Trypanosoma brucei protein kinase	\$0
2018	PHAGE DIAGNOSTICS, INC.	WA	R44AI131952	Adaptation of an enrichment-free Listeria diagnostic to food matrices	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R21AI123501	Mechanism-based targeting of bacterial topoisomerases	-\$1
2018	VIRTICI LLC	WA	R44AI125165	A Novel Tolerance Therapeutic for Treating Multiple Sclerosis	\$0
2018	UNIVERSITY OF WASHINGTON	WA	F32AI140511	Cryptococcal antigen screening for the prevention of cryptococcal meningitis in the HIV "treat-and-treat" era: A prospective cohort and semi-quantitative lateral flow assay validation study	-\$8,812
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI124132	Development of a Chikungunya Vaccine Candidate	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R21AI127833	The mechanisms of 4-HNE mediated host-microbe interactions	-\$106
2018	UNIVERSITY OF WASHINGTON	WA	R21AI133171	Cellular GWAS of the host-pathogen interaction in melioidosis	\$0
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI132808	BCAP control of lupus pathogenesis via plasmacytoid DC type I IFN production	-\$489
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI136572	Effector Function of Regulatory T Cells in EAE	-\$78,402
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$0
2018	PAI LIFE SCIENCES INC	WA	R44AI103983	A Vaccine for Schistosomiasis, "SchistoShield"	\$0
2018	PHAGE DIAGNOSTICS, INC.	WA	R44AI134498	Enrichment-free Salmonella detection for food safety	\$0
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI127830	ER-associated degradation (ERAD) in the Brucella intracellular cycle	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$0
2018	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	-\$760
2018	UNIVERSITY OF WASHINGTON	WA	R21AI127493	Novel Therapeutics Targeting Giardia Kinases	\$0

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2018	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R21AI129303	Mechanisms of sexual Zika virus transmission and early immunopathogenesis	-\$23
2018	UNIVERSITY OF WASHINGTON	WA	R21AI129712	DMPA use and vaginal bacterial diversity among African women	\$0
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI026672	Translational Control of Cytomegalovirus Gene Expression	\$0
2018	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$0
2018	Flugen, Inc.	WI	R42AI120269	Restimulating memory T cell responses in elderly by a novel, live influenza vaccine	\$0
2018	SALUS DISCOVERY LLC	WI	R43AI136484	Development of a cell based assay to assess antigen specific tolerance	-\$57,974
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	-\$24,522
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	-\$2,871
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI125821	(Re)generating new drug leads for schistosomiasis	-\$1
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI123745	Function and mechanism of U21 in the Roseoloviruses	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	-\$91,625
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI126900	Identification of Host Factors Required for the Cytolytic Activity of Hemolysin from Uropathogenic Escherichia coli	-\$4,432
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	-\$85,880
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	-\$123,549
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123758	Hybrid histidine kinase: a drug target and path to anti-fungal drug development	\$0
2018	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI118789	Functional differentiation of tsetse species microbiota	\$0
2017	UNIVERSITY OF MANITOBA		R01AI111805	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	\$0
2017	INSTITUT PASTEUR DE TUNIS		R21AI117107	Impact of zooprophylaxis on zoonotic cutaneous leishmaniasis transmission	\$0
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$0

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2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	\$54,819
2017	UNIVERSITY OF CAPE TOWN		R21AI127121	Immunological significance of QuantiFERON TB Gold In-tube reversions in settings with high burden of tuberculosis	\$0
2017	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI126110	Elucidating Toxoplasma ?Interactomes? Critical for Host Cell Invasion and Pathogenesis	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106808	Complement Evasion by Group B Streptococcus	-\$14,793
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI109001	Acquisition of HCMV from breast milk-correlates of protection	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI112566	A Rational Approach for HIV Vaccine T Cell Epitope Selection	-\$2
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI129895	New Tools for Glycoscience: Engineering Targeted Lectins by Computer-Guided Directed Evolution	-\$65
2017	UNIVERSITY OF ARIZONA	AZ	R56AI124665	Mechanisms of Colonization and Persistence by Neisseria	\$0
2017	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI121738	Antimicrobial susceptibility associations in Acinetobacter baumannii based on genomic and transcriptomic analyses	-\$14,143
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI121733	Development of customized aluminosilicates as complementary topical therapeutics for wound infections	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R21AI125823	Improving Anopheline fitness and resistance through fat body insulin signaling	-\$3,322
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI117150	Detailed mapping of drug binding and translocation sites in the AcrB pump protein	-\$559
2017	UNIVERSITY OF ARIZONA	AZ	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	\$0
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	-\$18
2017	OSSIUM HEALTH, INC.	CA	R43AI129444	Deceased Donor Bone Marrow Salvage and Processing	-\$17,974
2017	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	-\$100,823
2017	STANFORD UNIVERSITY	CA	R21AI119686	Plasmacytoid Dendritic Cell microRNAs in Transplantation	-\$1
2017	AURITEC PHARMACEUTICALS INC	CA	U44AI069674	Clinical Safety and Pharmacokinetics of Sustained Release Depot Tacrolimus	\$0
2017	Lucira Health, Inc.	CA	R44AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnostics	\$0
2017	STANFORD UNIVERSITY	CA	R21AI125764	Extracellular vesicles, small RNAs, and intercellular communication in Entamoeba histolytica	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127274	HIV transcriptome analysis during viral latency	-\$117

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CEDARS-SINAI MEDICAL CENTER	CA	R03AI130643	Neutrophil extracellular traps (NETs) in ventilator induced lung injury	-\$13,073
2017	QUERCUS MOLECULAR DESIGN, LLC	CA	R41AI134509	Developing Multi-targeting Antiviral Agents Against Herpes Simplex 1	\$0
2017	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI107936	A new approach to quantitative, point-of-care serology	\$0
2017	La Jolla Institute For Immunology	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profiles of Human Immune Cells	\$0
2017	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	CA	R21AI120925	Synthetic Generation of a Chlamydia Vaccine	-\$412
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI126860	Mechanisms of increased susceptibility to Salmonella colonization during malaria	\$0
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	-\$70,091
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	-\$373
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI128931	Is Culex quinquefasciatus a vector of the Zika virus?	-\$1,788
2017	INHIBRX, INC	CA	R44AI129161	Development of multispecific antibodies for the treatment of Pseudomonas aeruginosa infection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI134589	Point-of-care C-reactive protein-based tuberculosis screening among people living with HIV: planning a comparative effectiveness trial	-\$16
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI130073	Structural and mechanistic insights into antibody neutralization of human astrovirus	\$0
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI127414	Determining the role for lincRNA-Cox2 in host defense against infection	\$0
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$0
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCL-2 mediated anti-apoptosis and-autophagy	-\$2,590
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	-\$1,080
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$0
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	-\$169
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI106895	Regulation of Chronic Viral Infections	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Innate immune sensing of ER stress during bacterial infection	\$0

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2017	GIGAGEN INC	CA	R44AI124901	Recombinant Hyperimmune Gammaglobulin for Primary Immunodeficiency	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI129894	Glycan array for phenotype-driven capture and genotyping of viruses in primary isolates	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	-\$6,524
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI105007	Cyclophilins and the IFN Response	\$0
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	-\$204,560
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI125103	Regulation of HIV-1 Replication by Cellular lncRNAs	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI125885	A Sexual Transmission-Blocking Vaccine Against Chlamydia infections	-\$80
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122092	Targeting ER Stress in Inflammatory Bowel Disease	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	-\$732
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	-\$4
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	-\$1
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121474	Macrophages, Granulomas, and Bacterial Persistence	\$0
2017	AURORA ONCOLOGY INC	CO	R43AI131870	Development of Antimicrobial Peptides to Target Gram-negative Pathogens	\$0
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI126453	Chemical Probes for Bacteria-Macrophage Interactions	-\$3
2017	COLORADO STATE UNIVERSITY	CO	R21AI125996	Predicting genetic determinants of Zika virus emergence	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$29,785
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	-\$406
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124076	Regulation of Natural Killer T cell lineage diversification by the Src-like Adaptor protein 2	\$0
2017	YALE UNIVERSITY	CT	R56AI127794	Thrombocyte Regulation of Anti-Parasite Immunity	\$0
2017	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	-\$389
2017	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	-\$2,919
2017	YALE UNIVERSITY	CT	R21AI126156	A novel regulator of clumping and dispersal mechanisms in P. aeruginosa	-\$47

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2017	YALE UNIVERSITY	CT	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	-\$42,080
2017	YALE UNIVERSITY	CT	R01AI032524	Mechanism and Targeting of V(D)J Recombination	\$9,915
2017	YALE UNIVERSITY	CT	R01AI112443	In vivo genomic editing of hematopoietic cells for HIV resistance	\$0
2017	YALE UNIVERSITY	CT	R21AI126604	Studying lupus Th17 cell characteristics and their modulations by IL-27	-\$9,435
2017	UNIVERSITY OF CONNECTICUT	CT	R21AI128681	Rapid development and testing of Zika virus vaccine candidates	\$0
2017	HOWARD UNIVERSITY	DC	R00AI114379	Effective Replicating Adenovirus-HIV Vaccines	\$13,146
2017	UNIVERSITY OF FLORIDA	FL	R21AI125999	Impact of Human STING Variants on Pneumococcal Vaccine Effectiveness	-\$1,784
2017	UNIVERSITY OF MIAMI	FL	R56AI130330	Mechanisms of islet transplant immune tolerance	-\$1,365
2017	UNIVERSITY OF FLORIDA	FL	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	-\$65,685
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	-\$5
2017	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	-\$113,774
2017	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI119625	Molecular basis of the differential expression of the VieSAB regulatory system n Vibrio cholerae biotypes	-\$7,013
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI107663	Pathogenesis of Trypanosoma cruzi infection	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI118733	Development of CRISPR/Cas system for study of trans-sialidase family genes in T. cruzi	\$67,331
2017	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$0
2017	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$0
2017	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	-\$18
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	-\$2,439
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI129873	Development of high-throughput workflow for glycosphingolipid analysis and annotation	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI125899	Trafficking of parasitic nematode ion channels	\$0
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI114654	High-throughput screen for inhibitors of Marburg virus VP24-Keap 1	-\$63,370

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2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI121181	Inhibiting hydrogen-dependent pathogen growth via nickel chelation	-\$1
2017	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R43AI120388	Chikungunya Recombinant Subunit Vaccine	\$0
2017	UNIVERSITY OF IOWA	IA	R56AI126493	The role of HCV RNA-targeted phosphatase PTPRE in T cell activation	\$0
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI111466	Enhanced Shelf-life Nanovaccine Formulation for Immunity to Biodefense Pathogens	-\$2,780
2017	UNIVERSITY OF IOWA	IA	R21AI121576	Regulation of toxin gene expression in Clostridium difficile	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	-\$9,094
2017	NORTHWESTERN UNIVERSITY	IL	R01AI112911	Mechanisms of MCMV reactivation in immunodeficient transplant recipients	\$0
2017	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	-\$3,845
2017	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R21AI124037	Polyphosphate Loaded Nanoparticles for Suppression of Gut Pathogen Collagenase Activity and Promotion of Post-Surgical Intestinal Healing	\$0
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI107516	G-BMDC-induced Treg mediated suppression of Type 1 Diabetes in NOD mice	\$0
2017	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI127031	4-Aminopiperidines as novel anti-influenza agents	\$0
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI116588	Defining novel mechanisms of influenza virus gene regulation	\$0
2017	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI126971	4-(Aminomethyl) benzamides as novel anti-Ebola agents	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R21AI111018	Post-transcriptional regulation of Crp in Yersinia pestis	-\$179
2017	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WHS Consortium V (CWC)	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI108634	The roles of Synoviolin in immune tolerance and autoimmunity	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	-\$6,735
2017	UNIVERSITY OF CHICAGO	IL	R01AI108643	A common hematopoietic precursor to innate lymphoid cells	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R21AI121836	Discovery and validation of avermectin resistance loci in free-living and parasitic nematodes	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	-\$5,306
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104944	The role of TLR3 signaling in Chlamydia caused urogenital pathology	-\$70
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	-\$2,406

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2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R33AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	-\$22,819
2017	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI122962	The role of APOBEC3 proteins in innate immune responses in developing thymocytes	-\$4,339
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI125929	Transposon mutagenesis for Chlamydia trachomatis	-\$2,094
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	-\$3,225
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI113307	Assessment of serotype-independent immunity elicited by Shigella T3SS proteins.	\$0
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124081	Regulation of GC B Cells by Transcription Factor STAT3	-\$194
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	K22AI118949	Contact-Dependent Interbacterial Signaling in Burkholderia	\$0
2017	Louisiana State University System	LA	R21AI121451	Genome editing in Rhizopus delemar using using CRISPR-Cas systems	-\$31,788
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI121894	Identification of Tick Chemoattractant(s) for B. burgdorferi	-\$2
2017	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126455	Revealing the Trypanosome DNA Replication Machinery using iPOND	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	-\$9,106
2017	MICROBIOTIX, INC	MA	R41AI127009	Inhibitors of the viral nucleoprotein-polymerase co-factor interaction for human RSV and MPV therapy	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI126844	HSPGs in Alpha-toxin-induced Tissue Injury	-\$3,553
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI125766	Employing novel humanized murine strains to develop hematopoietic stem cell gene therapeutic approaches for very early-onset inflammatory bowel disease due to IL10-receptor deficiency.	\$0
2017	APHIOS CORPORATION	MA	R43AI124819	Purging Latent HIV Reservoirs through a Combination HIV Therapeutic	\$0
2017	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	-\$409,250
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI108718	The translation apparatus of Leishmania: from basic analysis to pursuit of novel	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI113333	Innate Immune Defense Mechanisms in the Intestine	\$0
2017	TUFTS UNIVERSITY	MA	R03AI123885	Novel Recombinant Chlamydia Antigens	-\$3
2017	MICROBIOTIX, INC	MA	R43AI122465	Novel beta-lactams as inhibitors of ebola virus infections	\$0

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2017	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	-\$266
2017	ARIETIS CORPORATION	MA	R44AI112187	Antibiotics for Recalcitrant Infection	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	-\$12,660
2017	TUFTS UNIVERSITY	MA	R21AI126757	Role of innate immune tolerance in the pathogenesis of Lyme disease	-\$428
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI127079	Single-Cell Analysis of HIV Latency Reversal	-\$198
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	-\$3,100
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$0
2017	Trustees Of Boston University	MA	R21AI126457	Antiviral responses in iPSC-derived human primary cells to Ebola virus infection	\$0
2017	MICROBIOTIX, INC	MA	R41AI122433	T3SS needle protein inhibitors for the treatment of P. aeruginosa infection	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI129721	Novel therapeutics targeting the membrane proximal external region of HIV-1 Env	-\$11,447
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI131952	Adaptation of an enrichment-free Listeria diagnostic to food matrices	\$0
2017	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	-\$86,103
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	-\$2,106
2017	Trustees Of Boston University	MA	R03AI126168	Exploring Nanomechanical Fluctuations of Surface-Adhered Bacteria for a Novel Antibiotic Susceptibility Test	-\$1,932
2017	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI122425	Exploratory Chemistry on a new antibiotic	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	-\$121
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI134498	Enrichment-free Salmonella detection for food safety	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	-\$577
2017	BETH ISRAEL HOSPITAL	MA	R21AI122938	Measurement of Antibody Epitope Signatures by Peptide Microarrays to Determine Recency of HIV Infection	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	-\$12,723
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	-\$90
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI114405	Towards complete sustained release nanoformulations of NRTI based regimens	-\$16,246
2017	UNIVERSITY OF MARYLAND	MD	R21AI123929	Improved Analysis of Metagenomes through the application of Read-Sized Profile HMMs to Marker Gene Subsequences	-\$186
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI126176	Pathogenesis of bacterial meningitis	\$0

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2017	SIGMOVIR BIOSYSTEMS INC	MD	R42AI109926	Development of VLP vaccine for RSV	\$0
2017	PROFECTUS BIOSCIENCES INC	MD	R43AI134225	Therapeutic Vaccine for Walnut and Pecan Allergies	-\$1,627
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI069314	Plasmodium falciparum gametocytogenesis	-\$16,886
2017	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI114438	Evaluating Demand Generation (Stylish Man) for HIV/Family Planning Services Rakai	-\$6
2017	MEDIGEN INC	MD	R44AI094863	Novel DNA-Launched Attenuated Vaccine for VEE Virus SBIR Phase II	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124776	PrimeFlow RNA for detection of latently-infected CD4+ T cells	-\$514
2017	JOHNS HOPKINS UNIVERSITY	MD	K01AI110526	Identifying Transmission Routes for Cholera among Household Contacts of Cases	-\$2,639
2017	JOHNS HOPKINS UNIVERSITY	MD	R13AI131621	Travel Program for Students In Low-Income Countries to Attend CUGH 2017	-\$1,272
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	-\$7,864
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	-\$195,376
2017	PROTEIN POTENTIAL LLC	MD	R43AI127050	Multivalent Oral Vaccine against Enterotoxigenic Escherichia coli and Enteric Fevers	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127286	Feasibility of measuring HIV-related mortality during population-based surveys in Africa	-\$1
2017	PROFECTUS BIOSCIENCES INC	MD	R44AI089290	Novel Mucosal Adjuvant for an HIV DNA Vaccine	-\$104
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127149	Measuring TB Drugs in Hair as a Tool to Monitor Adherence, Exposure and Response in Patients with HIV	\$0
2017	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI131900	Highly specific HIV-1 mRNA detection method with global subtype coverage to monitor latency reversal in patients	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R34AI132003	A Pharmacokinetic and dose escalation study of low dose emetine in healthy volunteers	-\$4,167
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	-\$198
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126108	Characterizing gene family expansion in an atypical bacterial secretion system	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121988	Role of CHOP During Sepsis	-\$42,757
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	-\$95,722
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121766	Epithelial Cell-dependent Activation of Human Basophils	\$0
2017	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	-\$51,783
2017	Regents of the University of Michigan	MI	R21AI122098	In vivo photoacoustic biopsy for intestinal strictures in Crohn's disease	\$0
2017	Regents of the University of Michigan	MI	R01AI106806	Dynamic regulation of B cell recruitment in T-dependent humoral immune response	\$0
2017	WAYNE STATE UNIVERSITY	MI	R21AI122256	Mechanism of Humoral Immune Defects in Autoimmune Polyglandular Syndrome Type 1	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI126359	Footprint analyses of AID cytosine deamination	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI117018	Non-competitive proteasome inhibitors to treat chronic, drug-resistant tuberculosis	\$0
2017	Regents of the University of Michigan	MI	R56AI130130	Molecular Functions of NS1 Virulence Protein from Dengue and Zika Viruses	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI121748	Defining the role of the early infant microbiome in mediating allergic outcomes associated with asthma in a mouse model	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R01AI120189	To eradicate the HIV macrophage reservoir	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI122808	Novel Immunomodulating Therapeutics for HIV-1 Treatment	\$0
2017	LAKE SUPERIOR STATE UNIVERSITY	MI	R03AI126233	Synthesis and Antimicrobial Evaluation of Diverse 3,4- Dihydroquinazolines	\$0
2017	Regents of the University of Michigan	MI	R56AI130004	Molecular Mechanisms of the Innate Immune Response in HIV-Infected Macrophages	\$0
2017	UNIVERSITY OF MINNESOTA	MN	UM1AI120197	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT): START	\$0
2017	MAYO CLINIC	MN	R21AI125870	Disappearance of rifampin resistance in MRSA foreign body osteomyelitis	\$0
2017	HUMANETICS CORPORATION	MN	R43AI127113	Development of BIO 300 as a MCM for lethal radiation pneumonitis/fibrosis	\$0
2017	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	-\$213,680
2017	WASHINGTON UNIVERSITY	MO	R21AI127172	MODIFYING THE LUNG TO INDUCE STERILE VACCINE-INDUCED PROTECTION AGAINST MTB INFECTION	\$0
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI127195	RNA Aptamers that Differentiate Among HIV-1 Capsid Assembly States	\$0
2017	WASHINGTON UNIVERSITY	MO	R21AI121939	ENVIRONMENTAL ENTEROPATHY AND THE VIROME	-\$280

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2017	WASHINGTON UNIVERSITY	MO	R56AI127835	DEVELOPMENT, VALIDATION, AND OPTIMIZATION OF HTS SCREENS TARGETING NIPAH AND HENDRA VIRUS RNA SYNTHESIS	-\$171
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$0
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121938	Strain-specific and pan-filoviral aptamer recognition of Ebola virus glycoproteins	\$0
2017	WASHINGTON UNIVERSITY	MO	R21AI126080	The pathogenesis of paratyphoid fever	\$0
2017	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	-\$12,569
2017	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	-\$723
2017	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R21AI127282	Mode of Action of Allosteric HIV-1 Integrase Inhibitors during Late Steps of Viral Replication	-\$3,713
2017	MONTANA STATE UNIVERSITY	MT	R56AI127398	In Vivo Mechanisms of Antibody-mediated Protection from Aerosolized Ricin Toxin	-\$929
2017	UNIVERSITY OF MONTANA	MT	R03AI122167	Determining the role of trogocytosis-mediated signaling on CD4 T cell phenotype and effector functions	-\$1,295
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114320	Reaching Unaware Sexual and Social Contacts to Interrupt Ongoing HIV Transmission	-\$20,967
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI124010	IRF3 is a novel mediator of cell death during genital Chlamydia infection.	-\$6,020
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	-\$17,030
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI127319	The Pros and Cons of Trained Immunity Induced by Vaccines for Tuberculosis Prevention	-\$11
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI125040	Identifying cellular long non-coding RNAs as targets for HIV intervention	-\$4,021
2017	Duke University	NC	R21AI127022	Dual-Affinity Re-Targeting Proteins for Cure of Newborn Infant HIV-1 Infection	-\$1,653
2017	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI125800	Sulfadoxine-Pyrimethamine IPTp in Malawi: Effects on the gut and vaginal microbiomes	-\$15
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	-\$8,279
2017	Duke University	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	-\$26,662
2017	DARTMOUTH COLLEGE	NH	R21AI119741	Engineer bifunctional antibacterial enzymes for treatment of S. aureus infections	-\$1

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2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI122069	Defining the iron environment of M. tuberculosis granulomas	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106125	Contribution of plasmacytoid DCs to immune senescence in HIV infection	\$0
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI126053	Synthetic AMPs that Control Biofilms of Gram-variable Pathogens	-\$33,829
2017	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$0
2017	UNIVERSITY OF NEVADA-LAS VEGAS	NV	K22AI121097	Matrix-associated proteins in biofilm tolerance: Psl and ecotin	-\$24
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	-\$2,362
2017	CUNY, RESEARCH FOUNDATION	NY	R21AI121784	The representative microbiome: social determinants and tools for population research	\$0
2017	SUNY, BUFFALO	NY	R21AI125918	Regulatory element discovery in Anopheles gambiae	-\$995
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI117407	Methods for Extracting and Analyzing Highly Complex Regions of the Genome - Applications to the IGH locus	\$0
2017	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$0
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R03AI122221	Mechanisms of mast cell activation in KSHV-mediated disease	-\$395
2017	New York University	NY	R21AI126466	Metabolic network reconstruction in Filaria-Wolbachia symbiosis	\$0
2017	SUNY, STONY BROOK	NY	R21AI126044	Exploration of the Mycobacterial Cell Envelope Proteome by Protein Labeling in Live Cells	-\$1,048
2017	NEW YORK MEDICAL COLLEGE	NY	R21AI117088	Population analysis of group A streptococcal phenotypes	\$0
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	-\$935
2017	HEALTH RESEARCH, INC.	NY	R21AI126416	High-throughput application of CRISPR technology to identify gene function in Salmonella	\$0
2017	CUNY, RESEARCH FOUNDATION	NY	R15AI094351	Characterization of flavovirus NS4A induced autophagy	\$0
2017	CUNY, RESEARCH FOUNDATION	NY	R21AI122996	Intervention to increase access to PEP to prevent HIV infection among Black MSM	-\$52,982
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107448	Modulation of ORAI2 and ORAI3 Calcium Channels	\$0
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI126009	Decay accelerating factor dependent inhibition of T cell immunity	-\$138
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI124141	Integrase Defective Lentiviral Vectors for Antibody Delivery against Influenza	-\$1
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI127815	Pyruvate Depletion as Adjunctive Therapy for the Treatment of Biofilm-Related Infections	-\$1,838
2017	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	-\$4,511
2017	New York University	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	-\$83,472

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2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI125997	Identifying Novel Ion Channels Regulating T cell Function	\$0
2017	CORNELL UNIVERSITY	NY	R21AI126814	Controlling Th17 cells and responses in airway inflammation by tyrosine kinase Itk	\$0
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K22AI116728	Early Innate Lymphoid Cell Development	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	-\$6,561
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	-\$739
2017	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI126102	Control of antiviral immunity by RNA decay	-\$1
2017	SUNY, STONY BROOK	NY	R21AI126048	Chikungunya vaccine candidate developed by codon pair de-optimization	-\$9,149
2017	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	-\$13,377
2017	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$0
2017	SUNY, BUFFALO	NY	R21AI125746	Posttranslational modification of the regulatory RNA binding protein, ZFP3	\$0
2017	HEALTH RESEARCH, INC.	NY	R21AI109275	Mechanisms of IgA - mediated immunity to Vibrio cholerae	\$0
2017	CORNELL UNIVERSITY	NY	R21AI124237	Mitochondrial Cell-Free DNA as a Marker of Rejection and Damage-Associated Molecular Pattern in Organ Transplantation	\$0
2017	OHIO STATE UNIVERSITY	OH	R01AI120209	HIV-1 Nef Interaction with Nef-associated Factor 1 Regulates Viral Latency	-\$1,418
2017	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$0
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R56AI130947	Genetics of TB resistance in HIV positive subjects	-\$22,537
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$0
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI114629	Structure and mechanism of the AbgT-family transporters	-\$18,838
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI127252	Defining the lncRNA-mediated cis regulatory networks that control HIV life cycle in T cells	\$0
2017	UNIVERSITY OF CINCINNATI	OH	R21AI115003	Shiga toxin activity in human intestinal organoids	\$0
2017	OHIO STATE UNIVERSITY	OH	R21AI122981	CRISPR gRNA library screen of the HIV-1 genome	-\$18,265
2017	OHIO STATE UNIVERSITY	OH	R56AI131248	The Mechanism of tRNA splicing in trypanosomes	-\$5,655
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI121524	Preclinical Study of IL-27-Conditioned Tregs to Treat GvHD	-\$31
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI125708	Re-directing B cell responses to carbohydrate antigens	-\$15
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI126001	Single cell visualization of the V(D)J recombinase complex	-\$16

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2017	PROVIDENCE PORTLAND MEDICAL CENTER	OR	R21AI126151	Increasing the potency of Listeria monocytogenes-based vaccines by eliminating vaccine-related gamma delta T cell responses.	\$0
2017	OREGON STATE UNIVERSITY	OR	R21AI124012	Molecular target of a novel broad-spectrum antiviral and antibacterial compound	\$0
2017	SEDIA BIOSCIENCES CORPORATION	OR	R44AI114365	Development and Commercialization of an Innovative Rapid HIV-1 Incidence Assay	\$0
2017	DREXEL UNIVERSITY	PA	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$0
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	-\$1
2017	UNIVERSITY OF PENNSYLVANIA	PA	R33AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$0
2017	ALLEGHENY SINGER RESEARCH CORP	PA	R21AI126335	Rejuvenate aged adaptive immunity with bioengineered thymus organoids	-\$223
2017	TEMPLE UNIVERSITY	PA	R56AI125429	Bacterial amyloids: interactions with DNA and pathogenicity	-\$48,193
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125924	Dissecting the mechanism of RIPK1 kinase-dependent cell death in control of Yersinia infection	\$0
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI121880	Mechanistic studies of M and NP interactions of paramyxoviruses	-\$13,924
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	-\$3,473
2017	LIPELLA PHARMACEUTICALS INC	PA	R43AI134529	Rapid Point-of-Care Diagnostic Kit for Mosquito Borne Diseases in Urine	-\$4
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125799	Function of ToxR at high cell density	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	-\$3,100
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113543	Origins of serum IgA antibodies	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125814	E. coli niche expansion and adaptation in the dysbiotic intestine	-\$1
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	-\$82
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI106842	Protective and Pathologic Roles for CD8+ T cells in Leishmaniasis	\$0
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104878	Watching Conformational Rearrangements in Poliovirus RNA-Dependent RNA Polymerase	-\$2,391
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI120560	Single-Cell Virology	-\$1,762
2017	TEMPLE UNIVERSITY	PA	R21AI126133	Inflammasome activation by Salmonella typhimurium biofilms	\$0
2017	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$0

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2017	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	-\$41,608
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI126042	Utilizing BATF3-dependent DC to generate vaccine-induced cell mediated immunity	\$0
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI126351	Integration of Enteric Immune and Nervous Systems in the Mucosal Recall Immune Response	\$0
2017	BROWN UNIVERSITY	RI	R21AI118393	Conditional Economic Incentives for Improving Adolescent Adherence to HIV Treatment	-\$3,339
2017	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI115087	Immunotherapeutic Intervention of Influenza-S. pyogenes coinfections	\$0
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121626	Engineered Nanoparticles for Protective Subunit Vaccine Delivery and Discovery	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI127129	Molecular analysis of the adaptive immune response to tuberculosis	\$0
2017	IQUITY LABS, INC.	TN	R44AI124766	Long non-coding RNA signatures to classify multiple sclerosis	\$76
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121549	The Contribution of B Lymphocyte to T1D Reversal by Imatinib	\$0
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI113960	Molecular Characterization of an Anopheline Ammonium Transporter	\$0
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	-\$6,753
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI127205	The risk of HIV seroconversion following an HPV infection among men	-\$2
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI126755	Investigation of the FAS-II enzyme, FabK, as a druggable target for C. difficile	-\$4,945
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121799	Structural Determinants of Human Antibodies neutralizing the Ebola Virus	\$0
2017	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI127178	Monocyte subpopulation in HIV+LTB+ individuals and development of active TB	\$0
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117483	Novel Therapeutic Target(s) for Pathogenic Rickettsia Species	\$0
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI126354	The Role of FimH in ExPEC Translocation	-\$185
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126109	Innate Immune Activation by Respiratory Syncytial Virus	\$0
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI126082	IL-10 as a host modifier of PZA activity	-\$627
2017	TEXAS TECH UNIVERSITY	TX	R56AI119397	Engineering an intranasal universal influenza vaccine	-\$2,521
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126343	T-Cell Quality and Protective Immunity in a Murine Scrub Typhus Model	\$0

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2017	FANNIN PARTNERS, LLC	TX	R43AI131867	Novel Small Molecule Targeting STAT Proteins for the Management of Atopic Dermatitis	\$0
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI121604	Therapeutic Potential of Cystatin 9 Treatment to Fight Bacterial Pneumonia	-\$10,866
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI126219	MADS-box transcriptional regulation of dimorphic transition in <i>Penicillium marneffeii</i>	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	-\$22,467
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124681	Chemokine Synergy and Neutrophil Function	-\$251
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by <i>Candida albicans</i> in vitro and in vivo	-\$326
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126051	PIK3IP1 in B Cell Development and Function	-\$772
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI117714	The Contribution of MicroRNA-182 in Genital <i>Chlamydia trachomatis</i> Infection	-\$17
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126371	Retinoic Acid Regulates S100 Proteins and Immune Responses in Viral Hepatitis	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	<i>Ehrlichia T1S</i> Effector Regulation of Host Gene Transcription	-\$6,861
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI126025	Broadly neutralizing non-antibody protein for treating <i>clostridium difficile</i> infection	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126275	Development of a rapid method to silence genes in <i>Cryptosporidium</i>	\$0
2017	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in <i>Leishmania</i> Parasites	-\$20,462
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of <i>Shigella flexneri</i>	-\$120
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI126881	Relationships Among Metronidazole Resistance, Pharmacodynamics and Treatment Outcomes in <i>Clostridium difficile</i> Infection	-\$1,327
2017	CARTERRA INC	UT	R44AI127039	Improving vaccine development through high-throughput immunogenicity screening.	\$0
2017	UTAH STATE UNIVERSITY	UT	R15AI124108	Mechanisms of Type III Secretion System ATPase Activation and Regulation	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119418	Adenosine receptor-mediated effects of <i>Clostridium difficile</i> toxins in humans	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	-\$3,292
2017	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K22AI118929	The Role of the Stringent Response in <i>Clostridium difficile</i> Survival and Virulence	\$0

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	-\$109,285
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI114776	Combinations of Approved Drugs to Combat Ebola Virus	-\$178
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI127801	Development of a multi-pathogen chimeritope vaccine for tick borne diseases	\$0
2017	GEORGE MASON UNIVERSITY	VA	R21AI127351	A radiation-induced cellular stress activates HIV and induces killing of infected cells	-\$10
2017	UNIVERSITY OF VERMONT	VT	R21AI119979	Metabolic Regulation of Caspases and Survival in T Cells	-\$206
2017	UNIVERSITY OF VERMONT	VT	R03AI126268	Chagas disease transmission: Genomic studies of the kissing bug Triatoma infestans to enhance control strategies for a neglected tropical disease	\$0
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI126304	Hepacivirus control by T cells and broadly active antibodies	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI125025	Effects of HIV infection on resident memory T cells	-\$71,604
2017	UNIVERSITY OF WASHINGTON	WA	R56AI048683	Salmonella pathogenicity island 2 effector proteins	\$0
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI103858	Base J and transcription termination in Leishmania	-\$144,285
2017	UNIVERSITY OF WASHINGTON	WA	R21AI128950	A Rapid and Specific Diagnostic for Immunoglobulin Response to Zika Virus Exposure Based on De novo Designed Low Cost Hyper-stable Mini-Protein Epitopes	-\$78
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	-\$1,038
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	-\$22,268
2017	UNIVERSITY OF WASHINGTON	WA	R01AI110743	Discovery and validation of new kinase drug targets in T. brucei	-\$1,473
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI126464	Neural regulation of innate immunity to pathogen infection in C.elegans	-\$30
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124789	Seattle HIV/AIDS modeling for Prevention	\$0
2017	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	-\$1
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127156	CD101 function, T regulatory cells and HIV-1 acquisition risk	\$0
2017	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	-\$23,707
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127200	A Point-of-Care Assay to Measure Tenofovir for Monitoring PrEP and ART Adherence	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI122978	Estimation of the Prevalence of Post Treatment Controllers of HIV-1 Infection Using Pooled Data from Independent Study Sites	-\$413
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI107157	The Maternal-Fetal Interface in Listeria-Induced Pregnancy Loss	-\$14
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121808	Regulation of human immune function by 17q21 asthma risk polymorphism	\$0
2017	CASCADE BIOSYSTEMS, INC.	WI	R41AI129130	Highly sensitive isothermal method and instrument for field diagnostics to facilitate malaria eradication	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI095274	Characterization of botulinum neurotoxin A subtypes	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI125897	Identifying host factors and the mechanisms used to control influenza virus replication	-\$624
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$220
2017	VERSITI WISCONSIN, INC.	WI	R56AI129348	B cell-mediated immune regulation	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127127	SIV/HIV dysregulation of MAIT cell function impairs anti-M.tb immunity	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI122103	Eosinophil beta1 integrin activation as a biomarker for eosinophilic esophagitis	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI126419	Transformational platform for regenerating autologous transplantable endocrine tissue from human pancreatic matrix and pluripotent stem cells	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	-\$811
2016	ASOCIACION CIVIL SELVA AMAZONICA		P50AI098574	Soil-Transmitted Helminthiasis (STH) and Deworming	-\$284,512
2016	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	-\$7,823
2016	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	-\$225,254
2016	REDACTED DUE TO PII		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	-\$56,714
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	\$5,521
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI119532	Rrp2-dependent gene regulation in Borrelia burgdorferi	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$12
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116252	Characterization of Gallic Acid as a Novel HIV Microbicide Candidate	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	-\$23,101
2016	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$36
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	-\$4,996

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	GENENDEAVOR LLC	CA	R43AI126956	Isothermal Chain Reaction (ICR) Rapid and Early Detection of Pathogens for Sepsis Point-of-Care Testing, Stratification, and Monitoring	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI125105	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	-\$62,902
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$0
2016	BIOVINC LLC	CA	R43AI125060	Bone targeted delivery of an antimicrobial drug for osteomyelitis therapy	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$0
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	-\$3
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$0
2016	COLORADO STATE UNIVERSITY	CO	R33AI100186	Metabolomics-based discovery of small molecule biomarkers for noninvasive dengue	-\$949
2016	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	-\$12,882
2016	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	-\$3,098
2016	YALE UNIVERSITY	CT	R33AI100191	A New Cytokine-Based Immunoassay for the Diagnosis of Lyme Disease	-\$664
2016	YALE UNIVERSITY	CT	R56AI125504	Vaginally-delivered Nanoparticles for Prevention and Treatment of HSV-2 Infections	-\$85
2016	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	-\$9,915
2016	ALFRED I DUPONT HOSP FOR CHILD NCC-W OF THE NEMOURS FDN	DE	R21AI119841	Redirect T cell specificity to IgE-expressing B cells for severe allergic asthma	\$0
2016	UNIVERSITY OF DELAWARE	DE	R21AI119149	Helical proteomimetics to prevent HIV entry	-\$41,149
2016	UNIVERSITY OF FLORIDA	FL	R21AI116296	Modeling interactions between HIV interventions in key populations in India	-\$8,606
2016	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R33AI100246	Development of Point-of-Care Diagnostics for Norovirus	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI117102	Defining a RNA repair system conserved in pathogenic bacteria	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	-\$3
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R33AI102254	Targeting Host and Apicomplexan Isoprenoid Pathways	\$0
2016	DES MOINES UNIVERSITY	IA	R15AI117474	Macrophage polarization by C1q and related molecules	-\$12,603

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2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	-\$373
2016	UNIVERSITY OF CHICAGO	IL	R21AI115308	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	-\$136
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R33AI101504	Neuronal-specific cargo-delivery platforms as post-exposure botulism therapies	-\$6,024
2016	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	-\$80,987
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R56AI121366	High-throughput assays for inhibitors of the Hsp100 molecular chaperones	-\$112
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	-\$3,381
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	-\$976
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	-\$1,760
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	-\$108,229
2016	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	-\$324,825
2016	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	-\$464,171
2016	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$11
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	-\$6
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$0
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	-\$1
2016	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI119692	Volatile Metabolite-Based Detection of Clostridium difficile Infection	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	-\$16,253
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI125260	ADCC and functional cure in SIV infection	-\$51,414
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	-\$28,986
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	\$0
2016	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$1,065
2016	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R21AI115416	Infection Prevention in Total Knee Replacement	\$0
2016	UNIVERSITY OF MONTANA	MT	R15AI119803	Intersubunit crosstalk in the tripartite arenavirus envelope glycoprotein	\$0
2016	Duke University	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	-\$8,861
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI116384	Assessing the HIV care cascade in a large southern prison system	-\$15
2016	APPALACHIAN STATE UNIVERSITY	NC	R15AI096358	Polyamine-dependent regulation of Vibrio cholerae biofilm formation	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113736	RSV, Keratins and Distal Airway Infection	-\$2,329
2016	Duke University	NC	R34AI122958	Optimizing treatment for E. faecalis infective endocarditis: ampicillin plus ceftriaxone versus ampicillin plus gentamicin	-\$12,676
2016	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI122152	The role of host glycans in Cryptosporidium development	-\$1,477
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$0
2016	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R21AI116411	A novel high-throughput functional screen based upon chimeric minimotif decoys	-\$2,362
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	-\$370
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	-\$3,125
2016	UNIVERSITY OF ROCHESTER	NY	R01AI110764	Molecular mechanisms of caspofungin resistance in the pathogen Candida albicans	\$0
2016	HEALTH RESEARCH, INC.	NY	R21AI119427	Characterization of the Abundant Small Proteome of Mycobacteria	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$0
2016	CUNY, RESEARCH FOUNDATION	NY	SC2AI116566	Mechanobiology of Neisseria Microcolonies	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$0
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$0
2016	UNIVERSITY OF OKLAHOMA	OK	R01AI101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$0
2016	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI119906	The Role of CT228 in Chlamydia trachomatis pathogenesis	-\$7
2016	VIRONIKA LLC	PA	R43AI127117	Development of a Small Molecule Inhibitor for EBV Lytic Reactivation	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	THOMAS JEFFERSON UNIVERSITY	PA	R56AI121270	Regulation of bacterial polysaccharide-specific B cell responses	-\$388
2016	UNIVERSITY OF PENNSYLVANIA	PA	R33AI102104	Host-Oriented Therapeutics Targeting Filovirus Budding.	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	-\$4,249
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117100	Novel approaches to propagate molluscum contagiosum virus in cell culture	\$0
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	-\$16
2016	BROWN UNIVERSITY	RI	R56AI120830	Pathways contributing to racial disparities in HIV virologic response	-\$7,956
2016	BROWN UNIVERSITY	RI	R56AI124461	NK Cell STAT3 and Virus-induced IL-6 Disease	-\$2,334
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI119796	Expansion of spectrum of activity of pleuromutilin for MDR Gram-negative bacteria	-\$2
2016	MEHARRY MEDICAL COLLEGE	TN	R56AI122960	Role of the Viral Capsid in HIV-1 Integration.	-\$40,283
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R56AI118361	Fluoroquinolones and Efflux-Mediated Cross Resistance in HIV-related TB	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R56AI125324	Quantifying and Validating Immune Response Dynamics for Influenza and Viral-Bacterial Pneumonias	-\$1,461
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	-\$74
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI119572	CRASP-mediated Serum Resistance by Borrelia burgdorferi	-\$18,014
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI102267	Bioavailable proteasome inhibitors as broad-spectrum antivirals	\$0
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$0
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI118228	Targeted-delivery of small interference RNA against anthrax (1 R21 AI118228-01A1)	\$56,792
2016	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	-\$642
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115157	Inactivating Inhibitors of Mycobacterium tuberculosis beta-lactamase BlaC	-\$401
2016	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$0
2016	INBIOS INTERNATIONAL, INC	WA	R42AI102482	Antigen Detection assay for the Diagnosis of Melioidosis	\$0
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115244	Regulation of Chlamydia trachomatis development via the stringent response	-\$4,749
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	-\$2,559
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$0
2015	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	CSU, CHICO RESEARCH FOUNDATION	CA	R15AI111307	Mechanism and Functional Impact of H5N1 Influenza Virus Replication in Macrophages	-\$14,288
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	-\$12
2015	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	-\$36
2015	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	-\$896
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R15AI119861	The reverse transmigration of Salmonella-infected cells into the bloodstream	-\$1
2015	TUFTS UNIVERSITY	MA	DP2AI124384	Structural dynamics of single Ebolavirus GP molecules.	-\$684,447
2015	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	-\$11
2015	UNIVERSITY OF MASSACHUSETTS	MA	DP2AI124384	Structural dynamics of single Ebolavirus GP molecules.	\$684,447
2015	PLANTVAX INC	MD	R43AI118485	Augmentation of HIV Env vaccine efficacy by DC targeting	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI105619	Midgut Transcriptome and Proteome Analyses: Non-model Anopheline Malaria Vectors	-\$193
2015	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	-\$1,065
2015	UNIVERSITY OF MONTANA	MT	R15AI119798	Role of GroEL in pathological angiogenesis during bartonellosis	-\$119
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	-\$26,269
2015	MEMPHIS STATE UNIVERSITY	TN	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	-\$2,949
2015	COLLEGE OF WILLIAM & MARY	VA	R15AI119978	Role of immune progenitors in regulation of genetic resistance against bacterial pathogens	-\$1
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R15AI117648	Characterization of a novel genetic pathway required for Brucella virulence	-\$18,965
2014	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$0
2014	PLANET BIOTECHNOLOGY INC	CA	R43AI114023	A MERS-CoV Receptor Decoy	-\$157
2014	UNIVERSITY OF CALIFORNIA	CA	R03AI107446	METHODS FOR MEASURING NATURAL DENGUE TRANSMISSION FROM HUMANS TO MOSQUITOES	\$0
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI101193	Do the B2 and Alu ncRNAs Repress Host Cell mRNA Transcription During HSV-1 Infect	\$0
2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R15AI099897	OBSTRUCTING TOXIN'S PATHWAYS: UNIVERSAL INHIBITORS OF BINARY BACTERIAL TOXINS	-\$12,862
2014	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI108775	Development of the vaginal microbiome in young Black women	-\$517

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2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	\$0
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI108024	Immunotherapeutics to prevent HCV reinfection	\$0
2014	GENESEGUES INC	MN	R43AI104158	Nanocapsule-mediated topical delivery of VLP-generating Dengue DNA vaccine	-\$74,864
2014	HEALTH RESEARCH, INC.	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$0
2014	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	-\$1
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI107735	Paratransgenesis for malaria using Asaia sp. bacteria	-\$31
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI106514	Studies of HIV and Host Transcriptional Control by Tat	-\$751
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI103627	Characterization of C02 Sensing and Regulatory Response in Borrelia burgdorferi	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI105769	Ribosome Profiling in Plasmodium falciparum	-\$97
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	-\$13,769
2013	MOFA GROUP LLC	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	-\$1
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2019	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$3,987,535
2019	STELLENBOSCH UNIVERSITY		R01AI116039	Altered immune-endocrine axis in type 2 diabetes and tuberculosis risk	\$336,930
2019	WITS HEALTH CONSORTIUM		U01AI116086	CAPRISA HIV-1 neutralizing antibodies: Harnessing ontogeny for immunogen design	\$174,892
2019	WITS HEALTH CONSORTIUM		R01AI115979	Analysis of National Lab Database to evaluate the HIV treatment rollout in South Africa	\$284,588
2019	INFECTIOUS DISEASE SOCIETY KOTA KINABALU SABAH		R01AI116472	Comparative incidence and clinical spectrum of Plasmodium knowlesi malaria, a longitudinal study in Sabah, Malaysia	\$135,272
2019	UNIVERSIDADE FEDERAL DO ESPIRITO STO		R01AI116438	IGRA investigation in recently exposed contacts	\$144,292
2019	INTERNATIONAL CENTER FOR DIARRHOEAL DISEASE RESEARCH		R01AI116471	TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT UROPATHOGENIC E. coli IN BANGLADESH	\$117,985
2019	UNIVERSIDAD PERUANA CAYETANO HEREDIA		U19AI129909	Improving Diagnostic and Management Tools for Neurocysticercosis (Peru-JHU TMRC Program)	\$541,086
2019	INSTITUT PASTEUR DE MADAGASCAR		R01AI129822	Investigating seasonal drivers of viral zoonoses from Madagascar fruit bats	\$134,653
2019	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$123,120
2019	WITS HEALTH CONSORTIUM		U01AI136677	Immunoglobulin gene diversity in an African population and impact on antibody function in HIV infection	\$247,623
2019	WITS HEALTH CONSORTIUM		R01AI129708	Active Case Finding Testing and Linkage to Treatment and Improved Survival (ACTTIS) Study	\$490,414

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2019	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		U19AI129387	ICEMR-Mali : Multidisciplinary research for malaria control and prevention in West Africa	\$1,431,372
2019	UNIVERSITY OF CAPE TOWN		U01AI115940	Inflammatory determinants of disease severity and treatment outcome in TB patients	\$151,636
2019	UNIVERSITY OF ALBERTA		R01AI118842	Role of CD22 in the Germinal Center Reaction	\$270,000
2019	GENOME RESEARCH LIMITED		R01AI137154	Large-scale systematic prioritization of Plasmodium vivax blood stage vaccine antigens	\$345,715
2019	WORLD HEALTH ORGANIZATION		U01AI139547	Accelerated public health and biomedical research on priority public health objectives through collaboration between US NIH and WHO	\$1,076,181
2019	UNIVERSITY OF CALGARY		R01AI141229	Production of a Gonococcal Vaccine for Countering Antimicrobial Resistance	\$1,112,000
2019	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		G11AI145067	Strengthening Research Administration and Grant Management Systems in Zambia.	\$83,310
2019	UNIVERSITY OF WATERLOO		R21AI123835	A New Paradigm for Beta-lactamase Inhibition Research	\$110,831
2019	STELLENBOSCH UNIVERSITY		R01AI136837	Adaptation, fitness and resistance in rifampicin-resistant M. tuberculosis	\$155,369
2019	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$4,132,035
2019	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI123070	HIGH-THROUGHPUT EPITOPE DISCOVERY: USE OF NEXT-GENERATION PEPTIDE CHIPS FOR FAST IDENTIFICATION AND FINE MAPPING OF DIAGNOSTIC AND PROGNOSTIC MARKERS FOR CHAGAS DISEASE	\$120,150
2019	KINSHASA SCHOOL OF PUBLIC HEALTH		R01AI129812	A longitudinal epidemiological and epidemiological study of malaria and its vectors in the Kinshasa province	\$134,992
2019	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$2,180,389
2019	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		R01AI136862	Parasite polymorphism and host immune response in cutaneous leishmaniasis outcome	\$118,530
2019	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI143552	Molecular analysis of antibody repertoire elicited after yellow fever vaccination	\$143,340
2019	RADBOUD UNIVERSITY MEDICAL CENTER		R01AI145781	ULTIMATE	\$915,292
2019	ACADEMISCH MEDISCH CENTRUM		R01AI145045	Disabling the replication-competent HIV provirus in the reservoir by combined CRISPR-Cas action	\$534,233
2019	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$305,614
2019	UNIVERSITY OF CAPE TOWN		R01AI116155	Pharmacometric optimization of second line drugs for MDR tuberculosis treatment	\$346,986
2019	INDIAN INSTITUTE OF SCIENCE		R01AI118366	HIV-1 envelope structure, stability and dynamics probed by saturation mutagenesis	\$121,500
2019	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI133673	Maximising Cure Potential in Paediatric HIV Infection	\$296,268

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	QUEEN'S UNIVERSITY KINGSTON		R33AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$308,233
2019	UNIVERSITÄTSKLINIKUM ERLANGEN		R21AI136674	Global panel of non-human primate challenge viruses for standardized assessment of in vivo efficacy of HIV-1 Env antibodies	\$178,041
2019	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI134204	Genetic characterization of the HIV-1 reservoir after Vacc-4x and romidepsin therapy	\$139,120
2019	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI145305	Epigenetic Control of CD8 T-Cell Differentiation in Human Lymph Nodes	\$144,652
2019	UNIVERSITY OF VICTORIA		R37AI051334	Extracellular Matrix Adhesins of Treponema pallidum	\$408,552
2019	STATENS SERUM INSTITUTE		R01AI135721	A dual function TB subunit vaccine designed for non-interference with BCG and post-exposure activity	\$642,131
2019	UNIVERSITY HEALTH NETWORK		R01AI085043	Mechanisms of Viral Persistence	\$270,000
2019	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2019	MAHIDOL UNIVERSITY		U01AI115520	Determinants of Outcome and Recurrent Infections in Melioidosis	\$402,057
2019	WUHAN UNIVERSITY		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$103,410
2019	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$2,619,827
2019	UNIVERSITY OF TORONTO		R01AI120958	Targeting Hsp90 in cryptococcal fungal pathogenesis	\$777,729
2019	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI116432	Antibody-secreting cells in the regulation of T cell response to Trypanosoma cruzi	\$133,080
2019	SIMON FRASER UNIVERSITY		R01AI134299	Synthetic bacterial analogs of mammalian oligomannose for eliciting neutralizing antibodies to the high-mannose patch on HIV Env	\$505,735
2019	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R33AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$228,194
2019	UNIVERSITY OF TORONTO		R21AI136571	Programmable electrochemical gene circuit sensors?for infectious disease detection	\$150,164
2019	UNIVERSIDAD AUTONOMA DE MADRID		R21AI140930	Tailored induction of HIV-1 specific immunity through engineered dendritic cell vaccines	\$135,000
2019	DESMOND TUTU HIV FOUNDATION		R01AI147347	Identifying TB transmitters in high TB/HIV burdened communities	\$849,535
2019	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$3,525,766
2019	UNIVERSITÄT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$3,000,683
2019	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2019	MAXPLANCK INSTITUT FÜR IMMUNBIOLOGIE UND EPIGENETIK		R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$270,000

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2019	UNIVERSITY OF CAPE TOWN		R01AI115981	Timing of establishment of the HIV latent reservoir in subtype C infected women	\$328,300
2019	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	\$1
2019	MONASH UNIVERSITY		R01AI132154	Targeting the Urgent Need for New Antibiotics against Gram-negative ?Superbugs?	\$794,600
2019	UNIVERSITY OF TORONTO		R01AI127375	Systematic Analysis of Morphogenesis, Commensalism, and Virulence in a Leading Human Fungal Pathogen	\$545,099
2019	UNIVERSITY OF COLOMBO		U01AI136033	Epidemiology and transmission of Leishmania donovani infections in Sri Lanka and Bhutan	\$394,727
2019	Uganda Virus Research Institute		R01AI118368	IMMUNOLOGICAL AND VIRAL FACTORS ASSOCIATED WITH HIV-1 SUPERINFECTION	\$139,573
2019	STELLENBOSCH UNIVERSITY		R01AI136836	Inhibitors of CoA biosynthesis as novel antitubercular and antistaphylococcal agents	\$141,173
2019	SIMON FRASER UNIVERSITY		R21AI127029	Genetics, dynamics and fitness of the HIV-1 latent reservoir	\$135,000
2019	SOUTHERN MEDICAL UNIVERSITY		R01AI136850	Impacts of Urbanization on Vector Biology and Transmission of Dengue in China	\$132,911
2019	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI143553	Alternative therapeutic approaches for the control of brain inflammation secondary to antihelminthic therapy in neurocysticercosis using a novel experimental pig model	\$134,936
2019	UNIVERSITY OF CAPE TOWN		R01AI143521	New tools for antimalarial target identification	\$144,102
2019	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$133,682
2019	STELLENBOSCH UNIVERSITY		R01AI136894	Pre- and post-treatment lung microbiota, metabolome and immune signatures at the site of disease in patients with active pulmonary tuberculosis	\$146,226
2019	UNIVERSITY OF MELBOURNE		R01AI141534	Does repeated influenza vaccination constrain influenza immune responses and protection?	\$773,603
2019	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$1,079,838
2019	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$2,828,231
2019	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$539,019
2019	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,000,000
2019	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$175,000
2019	FUNDACAO MANHICA		R01AI123050	Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MiPMoz)	\$134,699

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2019	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116466	var gene regulation mechanisms in Malaria parasite Plasmodium falciparum	\$129,657
2019	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$614,962
2019	CENTRO INTERNACIONAL DE VACUNAS		R01AI121237	Plasmodium vivax 48/45 gametocyte protein: functional characterization and vaccine potential assessment in preclinical studies	\$375,545
2019	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI138546	Identification of the HIV Reservoir in Lymph Nodes Using Single Cell RNA-Seq	\$144,822
2019	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R21AI138074	Exploiting gnotobiotic systems to examine microbiota acquisition in mosquitoes and for microbiome transplantations	\$161,072
2019	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI128765	Validation of Biomarkers of Pediatric TB and further development for use in diagnosis of childhood TB	\$1,026,331
2019	MCGILL UNIVERSITY		R01AI143593	Large-scale screen with a novel assay against RNA editing to identify anti-trypanosomal agents	\$556,320
2019	MAHIDOL UNIVERSITY		R21AI140939	HIV prevention among Asian MSM attending circuit parties	\$130,423
2019	REDACTED DUE TO PII		UM1AI069421	GHEKIO HIV Clinical Trial Unit	\$1,883,418
2019	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$4,561,851
2019	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$5,080,925
2019	FUDAN UNIVERSITY		R01AI129819	Influence of gut microbiota on vector competence of disease transmitting insects	\$145,820
2019	MU-JHU CARE LTD		R01AI118332	Bone Mineral Density in a Cohort of Young Women using Depo-provera and Tenofovir	\$117,392
2019	UNIVERSITY OF GHANA		R01AI123074	Impact of insecticide resistance on the behavior and fitness of malaria vectors	\$130,084
2019	UNIVERSIDAD PERUANA CAYETANO		R01AI116470	Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)	\$135,000
2019	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		U19AI129916	Noguchi Institute Initiative for NTDs Elimination (NIINE)	\$319,009
2019	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$129,700
2019	RESEARCH INSTITUTE OF THE MCGILL UNIVERSITY HEALTH CTR		R01AI124349	Human genetics of TB resistance in HIV-infected persons	\$1,456,994
2019	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$2,604,795
2019	HOSPITAL FOR SICK CHILDREN, TORONTO		R33AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$274,618
2019	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI136870	The effect of Strongyloides stercoralis on HTLV-1 disease progression	\$135,000

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2019	FIOTEC		R21AI139777	Study on the persistence of Zika virus (ZIKV) in body fluids of patients with ZIKV infection in Brazil	\$98,982
2019	Academisch Ziekenhuis Leiden		R01AI141315	HLA-E restricted T-cell immunity in Mycobacterium tuberculosis infection	\$437,942
2019	UNIVERSITY OF CAPE TOWN		R01AI143636	Host blood biomarkers for the diagnosis prognosis and treatment response of childhood TB	\$653,408
2019	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI143496	Correlates of innate and T-cell immunity in seropositive and serodiscordant subjects for Trypanosoma cruzi infection.	\$133,800
2019	UNIVERSITY OF QUEENSLAND		R21AI147020	Exploring the effect of human blood microRNAs on mosquito biology	\$161,995
2019	INSTITUTO DE EFECTIVIDAD CLINICA Y SANITARIA		R01AI147129	TB-TST (TB treatment support tools): Refinement and evaluation of an interactive mobile app and direct adherence monitoring on TB treatment outcomes	\$519,065
2019	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI147321	Defining drivers of TB transmission in the era of universal ART, and implications for finding the walking well	\$498,771
2019	UNIVERSITY OF CAPE TOWN LUNG INSTITUTE		R01AI147346	The Missing Millions: Identification and infectiousness of undiagnosed tuberculosis cases in the community (the MI-TB study)	\$425,645
2019	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$133,240
2019	UNIVERSIDAD PERUANA CAYETANO		R01AI116456	Use of bisphosphonates to reduce the calcification process in animal models of cysticercosis	\$125,848
2019	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI116811	Genome-based diagnostics for monitoring and evaluation of insecticide resistance in Anopheles gambiae	\$453,961
2019	FIOTEC		R01AI129835	The role of Tregs and lipid mediators in the progression of Mycobacterium leprae infection to active disease	\$143,739
2019	FUNDACAO FACULDADE DE MEDICINA		U19AI098461	Sao Paulo-Minas Gerais Tropical Medicine Research Center for Chagas Disease Biomarker Discovery	\$442,866
2019	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		U01AI136032	Inflammation in the Pathogenesis of Disseminated Leishmaniasis	\$317,646
2019	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		U19AI129910	Optimizing Surveillance and Treatment for Control of Cutaneous Leishmaniasis	\$559,430
2019	BANARAS HINDU UNIVERSITY		U19AI074321	Visceral Leishmaniasis in Bihar State, India	\$552,227
2019	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		R01AI138230	Role of CD4-CD8- DN T cells in Chagas Cardiomyopathy	\$135,000
2019	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI142472	Investigating the role of cerebral vasoconstriction in cerebral malaria	\$147,053
2019	UNIVERSITY OF PRETORIA		R01AI136832	Zoonotic tick-borne pathogens contribute to acute febrile illness in rural South Africa	\$142,321

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2019	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI116453	Brucella survival strategy requires endoplasmic reticulum restructuring and interferes with innate immunity	\$140,612
2019	UNIVERSITY OF CALGARY		R34AI136783	Volume Expansion in Children with Shiga Toxin-Producing E. coli Infection to Prevent or Mitigate Hemolytic Uremic Syndrome: Planning a Multinational Randomized Clinical Trial	\$222,699
2019	UNIVERSITY OF CAPE TOWN		R21AI148027	Contribution of the CD153/CD30 axis to Mycobacterium tuberculosis control in humans	\$176,702
2019	WITS HEALTH CONSORTIUM		R01AI147349	Differentially Culturable Tubercle Bacteria: The missing link in TB Transmission?	\$827,855
2019	Erasmus Universitair Medisch Centrum Rotterdam		R01AI147330	Novel mechanisms contributing to failure of dolutegravir-containing cART in clinical practice	\$628,572
2019	UNIVERSITY OF ALASKA FAIRBANKS	AK	R01AI118888	Role of Structural Flexibility in the Selection of Immunodominant MHCII Epitopes	\$332,729
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI120619	HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment	\$770,664
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134648	Defining the biological relevance of HIV-1 adaptation to CD4 T cell responses	\$679,465
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R61AI133679	Identification of drugs that induce terminal transcriptional silencing of latent HIV-1 infection	\$657,007
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI129705	Viral adaptation to CD4 T cell responses and the impact on HIV immunity	\$195,264
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI142737	Tissue and organ specific human B cell immunity	\$3,563,564
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI143994	Molecular, Functional and Structural Analyses of Anti-PAD Antibodies in Rheumatoid Arthritis	\$392,687
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI146151	Defining the attachment of collagen-like protein BclA to B. anthracis spores	\$74,250
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R61AI138280	METABOLIC REPROGRAMMING OF T CELL ENERGY METABOLISM IN TUBERCULOSIS AND HIV	\$510,497
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U54AI150225	Congenital and Perinatal Infections Rare Diseases Clinical Research Consortium (RDCRC)	\$2,055,558
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01HD061959	CMV Vaccines: Reinfection and Antigenic Variation	\$490,977
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111940	Heme oxygenase-1 and the bioenergetic threshold of latent TB and HIV co-infection	\$335,520
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110480	Regulation of T-cell dependent B cell responses to influenza	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI142641	Sialylation dependent control of CD8 T cell stemness during chronic viral infection	\$185,625
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134023	B cell intrinsic interferon-beta regulates autoreactive B cell development	\$487,058

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2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI130232	Regulation of Tfh cell differentiation and humoral immunity	\$491,617
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI134027	Role of VpreB in immunoglobulin antigen binding site selection	\$185,625
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI137043	Interplay between the Mtb electron transport chain and carbon metabolism	\$458,227
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI141724	The Roles of LPS-Binding Protein Vascular Peroxidase-1 in Innate Immunity	\$371,250
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI145332	Dynamics of the protective vaccine-induced human influenza neuraminidase B cell response	\$750,079
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$580,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$3,243,756
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118805	Vaccine potential of the proline-rich domain of pneumococcal surface protein A	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K24AI125685	Midcareer Mentoring Award for Patient-Oriented Research in Chlamydia trachomatis Infection	\$131,265
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI123162	Intersection of polyomavirus infection and host cellular responses	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI133159	Mechanistic role of ns2 protein in evasion of innate immune response by alphaviruses	\$597,093
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$371,250
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI146149	Pneumococcal biofilm formation is SpxB dependent	\$238,563
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI145592	STI & HIV 2019 World Congress, the Joint Meeting of the 23rd International Society for Sexually Transmitted Disease Research (ISSTD) & 20th International Union Against Sexually Transmitted Infections	\$15,400
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI147727	Mechanisms of HBV Functional Cure During Tenofovir-based ART in HIV/HBV Coinfection	\$656,636
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$466,056
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F30AI140829	Impact of cross-reactive CD8 T cells on HIV-1 viral control and evolution	\$37,926
2019	FOODSOURCE LURE CORPORATION	AL	R43AI140807	Novel oral delivery system for subunit vaccine against ETEC	\$224,135
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI144507	Thiol mediated redox homeostasis in Haemophilus influenzae biofilms	\$185,625
2019	DISCOVERYBIOMED INC	AL	R43AI141819	STING Inhibitor Discovery for Rare and Common Autoimmune Diseases	\$300,000
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110553	Roles of FCRL Molecules in Innate Immunity	\$367,500

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2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	\$650,499
2019	SOUTHERN RESEARCH INSTITUTE	AL	R01AI132579	Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure	\$742,840
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI137799	Streptococcus pneumoniae capsule inhibitor	\$148,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI134282	Immunologic Health in Aging PLWH	\$185,625
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI142690	Geographic Variability in Time from HIV Diagnosis to Viral Suppression in the Deep South: A Roadmap to Accelerated Treatment Initiation	\$478,103
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI146743	Importance of immune-cell lipid signaling in events leading to type 1 diabetes	\$222,750
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116738	Transcription and replication in nonsegmented negative-strand RNA viruses	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$361,860
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI146220	Dysbiosis of the Sinus Microbiota in Chronic Rhinosinusitis	\$154,044
2019	AUBURN UNIVERSITY	AL	R21AI135709	Viral transcription in herpesvirus-induced necroptosis	\$337,463
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI130742	Analysis of Novel Molecular Mechanisms Regulating Expression of the Adaptor Protein HSH2 and Class-Switched Antibody Production	\$222,750
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI137338	Heme and hemoglobin utilization by Mycobacterium tuberculosis	\$722,705
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$2,549,601
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$496,866
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,841,410
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121354	The necrosis-inducing toxin of Mycobacterium tuberculosis	\$474,163
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118867	Alphavirus nsP3 protein: roles of intrinsically disordered region in virus replication and pathogenesis	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$2,541,523
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134693	Strain Dependent Structure and Function of the Influenza NS1 Protein	\$371,250
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134810	Hydrogen Sulfide and Tuberculosis Disease	\$566,644
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI142759	Antiviral Drug Discovery and Development Center (AD3C)	\$7,500,000
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI139900	VPO1 Protects from Endotoxin-Mediated Inflammation and Septic Shock	\$222,750

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2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI113007	STAT4 regulation of effector CD4 T cells and CNS inflammation	\$367,500
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI146969	Mechanistic understanding of SH3 domain-containing protein function in alphavirus replication	\$188,030
2019	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI150901	Structural basis for HIV-1 Gag interactions with cellular and viral constituents	\$456,522
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI142056	A Novel Human Lung Infection Platform to Define Staphylococcus aureus Virulence Determinants	\$220,278
2019	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	UM1AI130781	Arkansas Center for Food Allergy Research (ArCOFAR)	\$235,000
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI139124	Mechanisms of memory CD4 T cell-mediated immune protection against Chlamydia	\$372,678
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$364,007
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	K22AI132489	Mechanisms of Inflammasome Defense against Cytosol-invasive Bacteria	\$108,000
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI119380	Impact of Staphylococcus aureus in osteomyelitis and bone physiology	\$369,022
2019	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R21AI146521	Extracellular vesicles miRNA cargo induces inflammation during chlamydial infection	\$228,217
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI113766	Virulence gene regulation in Staphylococcus aureus	\$372,500
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI139580	Defining the efficacy of replication-dead viruses as gammaherpesvirus vaccines	\$206,376
2019	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Ninth Biennial Meeting of the Chlamydia Basic Research Society	\$9,000
2019	CYTOASTRA LLC	AR	R41AI138690	Multicolor Photoacoustic Malaria Detector	\$300,000
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI139106	Studies in Poxvirus Evasion of SAMD9 Pathway	\$368,016
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI116653	Regulation and function of B cells during malaria infection- Resubmission	\$511,315
2019	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI121345	Examining Mechanisms of Synergy between Asthma Exacerbations and RV Infection	\$193,320
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI146693	Novel linear lipopeptide paenipeptins sensitize multidrug-resistant Gram-negative pathogens to antibiotics	\$226,500
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	U01AI133561	The Protein C Pathway in Mitigation of Radiation-Induced Endothelial and Vascular Dysfunction	\$704,251
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI139797	Understanding the contribution of atypical B cell progenitors to the humoral response	\$188,646
2019	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI133103	Evaluating early host-pathogen interactions in pneumonic plague using an ex vivo human lung tissue platform	\$186,268
2019	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$377,605

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF ARIZONA	AZ	R33AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$378,908
2019	UNIVERSITY OF ARIZONA	AZ	R21AI144722	Role of Gamma delta-17 T Cells in Asthma Protection by Amish Farm Exposure .	\$247,298
2019	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$514,467
2019	UNIVERSITY OF ARIZONA	AZ	U19AI125357	Dysfunction of Innate Immunity in Asthma	\$1,395,364
2019	UNIVERSITY OF ARIZONA	AZ	R01AI129945	GLUCOSE AND AMINO ACID CATABOLISM IN PLASMA CELL BIOLOGY	\$460,132
2019	UNIVERSITY OF ARIZONA	AZ	R01AI131598	CMV Control of Host Membrane Trafficking	\$426,739
2019	ARIZONA STATE UNIVERSITY	AZ	R21AI130855	Biophysical Isolation and Concentration of Individual Salmonella Serotypes	\$218,161
2019	UNIVERSITY OF ARIZONA	AZ	R21AI144455	Assessing the physiological roles of distinct insulin-like peptides in the mosquito Aedes aegypti	\$191,875
2019	NORTHERN ARIZONA UNIVERSITY	AZ	R15AI147148	Determining the Role of the Upper and Lower Airway Microbiota as Drivers of Concomitant Inflammatory Responses in patients with Chronic Rhinosinusitis and Asthma	\$468,472
2019	UNIVERSITY OF ARIZONA	AZ	R01AI132140	An Avirulent Arthroconidial Vaccine Candidate to Prevent Human Coccidioidomycosis	\$1,148,120
2019	UNIVERSITY OF ARIZONA	AZ	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$460,500
2019	VITALANT	AZ	R01AI119056	Protective B-cell responses in chikungunya virus infection	\$450,038
2019	ARIZONA STATE UNIVERSITY	AZ	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	\$381,224
2019	ARIZONA STATE UNIVERSITY	AZ	R01AI138993	Point-of-care antimicrobial susceptibility testing based on simultaneous tracking of multi-phenotypic features of single bacterial cells	\$991,540
2019	UNIVERSITY OF ARIZONA	AZ	R21AI144887	Discovery of broad-spectrum influenza antivirals with a high genetic barrier to drug resistance by targeting the viral polymerase	\$220,848
2019	UNIVERSITY OF ARIZONA	AZ	R21AI144763	The Neisseria Type IV pilus as a mediator of persistent colonization	\$245,755
2019	UNIVERSITY OF ARIZONA	AZ	F31AI147711	Role of ROP16 in Toxoplasma gondii Cyst Development	\$45,016
2019	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$408,682
2019	UNIVERSITY OF ARIZONA	AZ	R21AI132910	PLURIPOTENT STEM CELL-BASED IMMUNOTHERAPIES	\$229,773
2019	ARIZONA STATE UNIVERSITY	AZ	R03AI133397	Differentiation of Mutant Virus Particles	\$72,390
2019	UNIVERSITY OF ARIZONA	AZ	R21AI135935	Surfactant Protein A as a Novel Therapeutic for Asthma	\$230,250
2019	UNIVERSITY OF ARIZONA	AZ	R01AI147325	High Throughput Screening of Inhibitors Targeting the Enterovirus A71 and D68 2A Proteases	\$481,106

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2019	UNIVERSITY OF ARIZONA	AZ	R01AI141626	Host-cell mitochondrial alterations play a central role in EPEC pathogenesis	\$352,489
2019	UNIVERSITY OF ARIZONA	AZ	R33AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$376,845
2019	LUCEOME BIOTECHNOLOGIES LLC	AZ	R43AI145502	Enabling Toxoplasma gondii Kinome Directed Drug Discovery	\$225,000
2019	UNIVERSITY OF ARIZONA	AZ	R21AI139439	Mechanisms of epithelium-directed change of permissiveness for rhinoviral infection	\$191,875
2019	UNIVERSITY OF ARIZONA	AZ	R13AI145202	Thirtieth Fungal Genetics Conference	\$8,500
2019	SONORAN BIOSCIENCES INC	AZ	R44AI142978	Sustained release gel enabling one-stage treatment of prosthetic joint infection	\$1,000,000
2019	UNIVERSITY OF ARIZONA	AZ	R01AI135108	CC16 in Childhood and Resilience to Persistent Asthma into Adult Life	\$739,101
2019	ARIZONA STATE UNIVERSITY	AZ	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$386,250
2019	UNIVERSITY OF ARIZONA	AZ	U01AI122275	Immuno-Genetic Basis for Human Disseminated Coccidioidomycosis	\$579,122
2019	VITALANT	AZ	R01AI123376	Viral etiology of idiopathic chronic diarrhea in rhesus macaques	\$508,199
2019	UNIVERSITY OF ARIZONA	AZ	R21AI140257	Development of PAR2 Antagonists for Control of Asthma	\$191,875
2019	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R21AI132840	Imaging Functionally Distinct Eosinophil Subtypes Within Tissue Biopsies Using Gene Expression Profiling and an In Situ Hybridization Approach based on a Concurrent Multiple RNA Targeting Strategy	\$202,500
2019	ARIZONA STATE UNIVERSITY	AZ	R01AI117011	Tracking Evolution and Spread of Viral Genomes by Geospatial Observation Error	\$461,012
2019	UNIVERSITY OF ARIZONA	AZ	F31AI131622	The Immunological Consequences of Mouse Cytomegalovirus on Adipose Tissue	\$38,616
2019	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI128536	Defining the Mechanisms of Recombination in Coccidioides	\$190,000
2019	ARIZONA STATE UNIVERSITY	AZ	R03AI140977	Quantitative diagnosis of TB/HIV co-infection using pathogen-specific exosomes in blood	\$78,458
2019	UNIVERSITY OF ARIZONA	AZ	R01AI143191	Molecular Switch Regulating Human Cytomegalovirus Replicative and Latent States	\$530,788
2019	UNIVERSITY OF ARIZONA	AZ	R21AI147756	ROP16's role in Toxoplasma gondii strain-specific encystment	\$185,607
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$533,266
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$382,456
2019	La Jolla Institute For Immunology	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$540,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$4,276,269
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$364,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$557,555

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2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI130470	Regulation of IgE responses by B cell receptor signaling	\$396,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,978,919
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$3,372,423
2019	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$536,806
2019	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R37AI066232	Regulation of memory CD8 T cell development	\$577,200
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$7,118,078
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$757,971
2019	STANFORD UNIVERSITY	CA	R01AI116059	Mechanisms of persistent Salmonella infection	\$402,848
2019	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$534,731
2019	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$463,839
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI112445	Exacerbation of colitis by Enterobacteriaceae	\$392,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114625	Development of siderophore-based vaccines against non -typhoidal Salmonella infection	\$372,657
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$688,681
2019	La Jolla Institute For Immunology	CA	R01AI123398	Regulation of innate lymphoid cells in inflammation	\$442,500
2019	STANFORD UNIVERSITY	CA	U19AI123862	Profiling the protective B cell response to HCV	\$966,661
2019	La Jolla Institute For Immunology	CA	U01AI125957	Control of the Functional Fate of CD4 T Cells by LncRNA-Switch	\$535,500
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$498,868
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122862	Single Cell Characterization of Latent HIV-1 Reservoirs	\$318,077
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	\$666,902
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R37AI091476	Therapeutic Use of an Enhanced Form of CD4-Ig	\$934,552
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$412,500
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI117211	Transferrin Combination Therapy to Address Antimicrobial Resistance	\$645,650
2019	STANFORD UNIVERSITY	CA	R37AI020459	Varicella-Zoster Virus: T Cell/Skin Tropisms & Immunity	\$395,505
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI137575	The role of macrophages during hematopoietic stem cell emergence	\$229,702
2019	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	\$689,192
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$481,250

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2019	STANFORD UNIVERSITY	CA	R01AI130398	Effects of aging on primary and secondary vaccine responses in a 15-year longitudinal cohort	\$724,766
2019	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$838,173
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI141511	Development of validated probes for the bacterial type III secretion system	\$762,541
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI123360	Functional Analysis of Novel Components of the Toxoplasma Inner Membrane Complex	\$381,076
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134326	Mentoring in Patient Oriented Research on Food Insecurity, HIV and Aging	\$188,088
2019	RIBOSCIENCE LLC	CA	R44AI129024	Advancing a novel potent Zika virus specific nucleoside analog to the clinic	\$995,099
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI132413	Infection-homing nanosystems as antibacterial therapeutics-delivery platforms	\$800,521
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI125860	Control of mucosal immunity by Gas- vs Gai-linked GPCR signaling in dendritic cells	\$461,125
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI118594	Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients	\$2,764,135
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI125842	Spatio-temporal data integration methods for infectious disease surveillance	\$709,208
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI138450	Context-Specific Regulation of NFkB Signaling Dynamics in Primary Macrophages	\$39,416
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI126611	Delaney AIDS Research Enterprise to Cure HIV	\$5,797,109
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127219	Elucidating the mechanism of progesterone-induced permissivity in the upper female reproductive tract	\$396,250
2019	STANFORD UNIVERSITY	CA	F30AI124553	Systems Pharmacological Analysis of Drug Efficacy in Inflammatory Bowel Disease	\$41,206
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI143253	Role of NRAMP1/SLC11A1 in Salmonella pathogenesis	\$235,500
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI137830	Human resistin regulation of inflammation and endotoxic shock	\$194,375
2019	ABREOS BIOSCIENCES INC	CA	R44AI138838	Personalized precision dosing of anti-TNF biologic therapies	\$741,072
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132731	Cell decision underlying B-cell immune responses	\$442,411
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133189	Model systems to assess the role of viruses in the microbiome	\$219,964
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI137209	Maternal T cell recognition of placental antigen	\$200,880
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI136621	Dissecting Polyclonal Sera to Reveal Correlates of Productive Immune Responses to HIV	\$920,476
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI137681	Identifying individuals at risk of progression to active tuberculosis	\$715,056

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2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI133166	Social Motility and inter-kingdom interactions in African trypanosomes	\$185,790
2019	SOMAGENICS, INC	CA	R44AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Virus	\$1,000,000
2019	La Jolla Institute For Immunology	CA	R21AI134127	Development of a pipeline tool to predict immunogenicity of cancer neo-epitopes	\$225,000
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI135200	FUNCTIONAL GENOMICS AND MECHANISM OF BCL11B ACTION IN LYMPHOCYTE COMMITMENT	\$632,343
2019	STANFORD UNIVERSITY	CA	R01AI139550	Molecular and single-cell immunology of myalgic encephalomyelitis/chronic fatigue syndrome	\$762,949
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI140060	Using Genetics to Uncover Novel M. Tuberculosis-host Interactions that Contribute to Virulence	\$196,250
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI075039	Functional and Structural Dissection of Inflammasome Activation	\$392,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI132122	Molecular Determinants of Tissue-resident Memory T cell Fate in Acute and Chronic Infection	\$1,978,465
2019	INNOVATION PATHWAYS, LLC	CA	R43AI138868	Evaluation of IPW-5371, a TGFbRI kinase inhibitor, dosed as a single agent or in combination with G-CSF, as a medical countermeasure against the delayed effects of total body irradiation in mice	\$300,000
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI140966	Car T Cells Encoding alpha-chain-anchored and soluble bnAbs for HIV latency	\$241,875
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI137680	Biological Vulnerability to Chlamydia trachomatis in Adolescents and Young Women: the Complex Intersection of Cervicovaginal Microbiome, Cervical Maturation, and Mucosal Immunity	\$782,960
2019	UNIVERSITY OF CALIFORNIA	CA	R03AI138191	SUGAR-COATING HYPOALLERGENS - A NOVEL APPROACH FOR SHELLFISH ALLERGY IMMUNOTHERAPY	\$75,551
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI140844	Uncleaved prefusion-optimized trimers on nanoparticles as HIV vaccines	\$992,504
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI131496	Dissecting the role of HVEM and BTLA in constraining the germinal center B cell response	\$37,447
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI143997	Molecular mechanism of antigen editing by Class-I MHC Chaperones	\$765,605
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI142388	Developing AIM/LIR-independent fluorescent protein sensors for mAtg8s	\$78,646
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145038	In Vivo Gene Editing for HIV-1 Cure	\$678,009
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI145325	C3-Dependent Intracellular Killing in Innate Immunity and Bacterial Pathogenesis	\$629,334

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2019	CLICK DIAGNOSTICS, INC	CA	R44AI143012	Development, Preclinical and Preanalytical Evaluation of a Rapid Point-of-Care NAAT Device to determine Ciprofloxacin Sensitivity of Gonococci in Urogenital Samples	\$300,000
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$447,114
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI138934	Metallofragments as 3-Dimensional Scaffolds for Fragment-Based Drug Discovery	\$219,947
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$381,785
2019	POMONA COLLEGE	CA	R15AI090606	The Regulatory Networks that Allow Vibrio cholerae to Survive Between Infections and Epidemics	\$378,604
2019	ORYN THERAPEUTICS, LLC	CA	R44AI142959	Cyclic Orynotides for Systemic MDR Candidiasis	\$284,978
2019	APTITUDE MEDICAL SYSTEMS INC	CA	R43AI142977	Aptamer-enabled multiplex electrochemical sensor for robust and efficient assessment of flu vaccine potency	\$222,999
2019	OSSIUM HEALTH, INC.	CA	R44AI129444	Optimizing Industrial-Scale GMP Processes for Recovering and Banking Deceased Donor Bone Marrow	\$682,556
2019	STANFORD UNIVERSITY	CA	R01AI141366	Harnessing the Unique Biogenesis of the Apicomplexan plastid organelle for Antimalarial Targets	\$588,903
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI143368	Structural Determinants of Mammalian Prion Aggregation	\$38,899
2019	STANFORD UNIVERSITY	CA	UH2AI145837	Extension of clinical data structured into the ImmPort model and cross-study data exploration and visualization user interface	\$234,750
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI148120	CryoEM guided enhancement of ribosome-targeting antibiotics	\$61,610
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R03AI147128	Seroepidemiologic methods to identify hotspots of trachoma and predict future infection	\$73,563
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI052453	Cathelicidin in Skin Immunity	\$583,793
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI146387	Selective proteasome inhibitors for trichomoniasis	\$236,250
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI148073	Role of PTPN2 in rheumatoid arthritis	\$524,628
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$463,371
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI145403	Using the Collaborative Cross to Discover New Requirements for Vaccine-Induced Immunity to T. gondii	\$264,829
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI145374	Genetic contributions to T cell mediated immunopathology after viral infection	\$290,250
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI142452	Translational development of cysteine protease inhibitors to treat hookworm disease	\$236,250
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K99AI138860	AAV-delivered broadly neutralizing antibodies for HIV suppression	\$129,870
2019	TENEOBIO, INC.	CA	R43AI142917	CD38 enzyme blocking heavy chain antibodies for Inflammatory Bowel Diseases	\$294,124
2019	PANORAMA RESEARCH, INC	CA	R44AI120433	Monoclonal antibody for autoimmune disease	\$905,412

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2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI139444	Macromolecular assemblies of transcription factors initiated by pathogen infection	\$154,063
2019	STANFORD UNIVERSITY	CA	R56AI142208	Salmonella Expansion in the Gut	\$537,248
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	UG3AI150552	Cas9 RNP delivery to immune cells in vivo via molecular targeting	\$800,300
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI143722	The role of nanocompartments in M. tuberculosis pathogenesis	\$381,606
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI144694	Staphylococcus aureus interference with IsdB vaccination	\$555,894
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000
2019	La Jolla Institute For Immunology	CA	R01AI125068	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	\$834,886
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$348,750
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5' noncoding region functions	\$412,371
2019	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$3,453,641
2019	STANFORD UNIVERSITY	CA	DP2AI152072	Nano-optical reporters of dynamic mechanotransduction in the immune system	\$2,347,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,604,571
2019	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$848,532
2019	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$458,399
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$503,617
2019	VLP BIOTECH INC	CA	R44AI088919	A therapeutic vaccine for chronic hepatitis B	\$878,409
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$1,259,989
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$381,214
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$392,263
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117001	Pharmacodynamics of Antimalarial Chemoprevention	\$670,155
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI118432	Towards HIV eradication using a novel Tat inhibitor	\$450,960
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121393	Multidimensional Single Cell Analysis of the Germinal Center Reaction	\$602,275
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI147617	Deciphering the responses of skin-penetrating nematodes to carbon dioxide	\$61,610
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI123390	Mechanism of action of novel Anopheles active toxins	\$388,750
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125080	Bone quality and marrow adiposity in subjects with HIV	\$551,628

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Pylum Biosciences, Inc.	CA	R33AI121692	Title: Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs.	\$530,308
2019	STANFORD UNIVERSITY	CA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$195,156
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI124743	HIV latency reversal through novel, potent PKC modulators	\$679,992
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI117064	Consortium for drug-resistant Gram-negative pathogen detection	\$1,071,131
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128775	Integrated Exchange and Storage of Current- and Future-Generation Immunogenomic Data	\$377,400
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137868	Chemically-guided Elucidation of Liposomal Tucarecol Immunopotential in a Hepatitis C Vaccine	\$241,875
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131424	Development of Sustained-Release Anti-HIV Nucleoside Phosphonate Nanoparticles	\$749,444
2019	CEDARS-SINAI MEDICAL CENTER	CA	K08AI130366	Inflammatory monocytes and host control of cryptococcosis	\$298,181
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI122344	Antigen-specific B cell tolerance in the gut-associated lymphoid tissue (GALT)	\$487,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI123202	Using single-cell RNA-seq to interrogate host immunity to pathogens	\$569,957
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123210	Novel Strategies for Controlling Persistent Viral Infection	\$481,250
2019	TRELLIS BIOSCIENCE LLC	CA	SB1AI102396	Therapeutic Antibody for CMV	\$999,425
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128214	Protein secretion in bacterial pathogens	\$396,250
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113923	Positive Immune-regulators During Chronic Viral Infections	\$459,066
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132835	Coordinated dynamic regulation and function of IRF transcription factors	\$390,000
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI129784	Targeting the HIV reservoir using optimized anti-HIV antibodies	\$410,750
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI129868	Optimizing eCD4-Ig for eradication and a functional cure	\$940,275
2019	STANFORD UNIVERSITY	CA	F30AI120510	Disrupting IgE:FceR1a Interactions: Novel Therapies for Allergic Disease	\$39,293
2019	STANFORD UNIVERSITY	CA	R01AI130058	Strategies for tuberculosis control in prisons	\$622,457
2019	STANFORD UNIVERSITY	CA	R01AI127877	Storage and recall of human B cell memory of influenza over tissues and time	\$392,800
2019	STANFORD UNIVERSITY	CA	R01AI132494	Role of nociceptive sensory neuron/mast cell interactions in cutaneous allergic inflammation	\$481,734
2019	STANFORD UNIVERSITY	CA	R01AI125320	Viral GPCR recognition of chemokines and engineered ligands	\$395,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123130	Biology of ?-linked glycosylceramides in the immune system	\$723,259
2019	MAPP BIOPHARMACEUTICAL INC	CA	SB1AI082744	MR191_ An Immunoprotectant for Marburg Virus	\$1,000,000
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,150,047
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127401	Structure and function of pathogenesis-associated bacterial structures by electron cryotomography	\$410,750
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI130056	Mechanisms and Circumvention of Daptomycin Resistance in Streptococcus mitis	\$531,783
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$404,183
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$396,250
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI135992	Automation and Evaluation of Real-Time Transmission Network-Based HIV Prevention Services in New York City	\$735,547
2019	La Jolla Institute For Immunology	CA	R01AI137230	Host nutrients permit immune evasion of NKT cell anti-bacterial responses	\$615,389
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,412,120
2019	STANFORD UNIVERSITY	CA	R21AI137432	Pf Bacteriophages in the Pathophysiology of Cystic Fibrosis and Pseudomonas aeruginosa Infection	\$198,886
2019	STANFORD UNIVERSITY	CA	U01AI140498	T Cell Reagent Research for Monitoring T Cell in Food Allergy	\$364,563
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI134327	Dissecting the signals that maintain HIV-specific CD8+ T cell exhaustion	\$208,440
2019	LA JOLLA INFECTIOUS DISEASE INSTITUTE	CA	R21AI137877	Exploring a new mechanism for thrombocytopenia in experimental malaria	\$309,000
2019	AURITEC PHARMACEUTICALS INC	CA	R61AI136008	IND-enabling preclinical development of a multipurpose intravaginal ring for the prevention of Herpes, HIV and unintended pregnancy	\$433,812
2019	STANFORD UNIVERSITY	CA	F32AI133917	Phenotypic profiling of bacterial stress response networks: A transformative framework for characterizing and predicting antibiotic targets and interactions	\$63,746
2019	STANFORD UNIVERSITY	CA	R21AI131918	HIV Resistance Testing Using Point-of-Care Dynamic Solid-Phase Melt Analysis	\$196,250
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI131879	Chimeric Broadly Neutralizing Anti-HIV Antibodies	\$195,000
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI130927	Mechanistic Approaches to Inhibition of Emerging DNA Viruses	\$198,000
2019	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI139275	Effect of Maternal Influenza Vaccination during Pregnancy on Risk of Infant Influenza	\$136,888
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI135500	Endocannabinoid regulation of host-helminth interaction	\$275,493

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2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI134982	Digital High Resolution Melt and Machine Learning for Rapid and Specific Diagnosis in Neonatal Sepsis	\$481,808
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI135851	Development of a broad spectrum therapeutic against New World hemorrhagic fevers	\$234,000
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI136511	Chromatin structure and control of gene expression in the human malaria parasite	\$679,710
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127709	Studies to understand how mutations in the IKZF1 gene can contribute to development of autoimmune disease	\$393,085
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI139690	Computational design of inhibitors against botulinum neurotoxin	\$193,491
2019	La Jolla Institute For Immunology	CA	R01AI135193	CD4 T cell, germinal center, and antibody response defects in recurrent tonsillitis	\$450,000
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI139410	Target antigen identification to improve Salmonella vaccination	\$383,245
2019	CEDARS-SINAI MEDICAL CENTER	CA	K22AI127473	Determining mechanisms and prevalence of virulence-enhancing resistance mutations	\$108,000
2019	STANFORD UNIVERSITY	CA	R01AI134912	Viral use and mimicry of autophagy pathway and components	\$388,820
2019	La Jolla Institute For Immunology	CA	R01AI140130	Immune Regulation by Deubiquitination	\$450,000
2019	La Jolla Institute For Immunology	CA	R01AI134971	Integrated Functional Histopathology of the Diabetic Human Pancreas	\$699,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI132851	Control of bacterial infections by a horizontally acquired host peptidoglycan amidase	\$400,625
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI135257	Molecular and evolutionary mechanisms of poxviral adaptation to new species	\$210,263
2019	STANFORD UNIVERSITY	CA	R33AI127581	Parasite-specific proteasome inhibitors to combat multi-drug resistant malaria	\$519,218
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI144403	Regulation of B cell function in demyelinating disease by N-glycan branching	\$500,503
2019	STANFORD UNIVERSITY	CA	R01AI141970	Host Genes Critical for Flavivirus Infection	\$391,250
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI144740	H. pylori lactate finding, utilization, and creation during stomach colonization	\$194,332
2019	SCRIPPS RESEARCH INSTITUTE	CA	R56AI143563	HIV-1 vaccine design emphasizing bnAb targets on membrane Env liposomes	\$291,959
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134030	A novel essential inflammasome component propagating inflammatory responses	\$605,695
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI145437	Redefining Tuberculosis Meningitis with Metagenomics and Host Transcriptomics	\$724,479
2019	COMBINATI INCORPORATED	CA	R41AI145604	Integrated Microbial Screening and Antimicrobial Susceptibility Test on Microfluidic Digital Array for Diagnosis of Urinary Tract Infections	\$224,658
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI144090	Structural, mechanistic, and antigenic insights into the human astrovirus capsid	\$363,921

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2019	SERIMMUNE INC.	CA	R43AI145696	Serum antibody biomarkers of myalgic encephalomyelitis/chronic fatigue syndrome	\$224,975
2019	Shield Pharma, Inc	CA	R43AI143009	Development of Bithionol against botulinum neurotoxins	\$223,813
2019	La Jolla Institute For Immunology	CA	U19AI142790	Consortium for Immunotherapeutics against Emerging Viral Threats	\$7,168,390
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$392,240
2019	UNIVERSITY OF CALIFORNIA	CA	F30AI136309	EptB pseudogene formation as a novel mechanism of typhoidal Salmonella virulence	\$47,332
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI119082	Host iron and Yersinia pathogenesis	\$513,441
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI146078	Bicarbonate-Mediated Enhancement of Beta-Lactam-MRSA Killing: Mechanisms and Clinical Translatability	\$300,838
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$433,960
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI140705	SFTSV nonstructural protein NSs-mediated immunopathogenesis	\$617,831
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI142864	Glycan-Lectin Receptor Regulation of Macrophage Maturation and Lung Innate Defenses in the Fetus and Newborn Infant	\$441,188
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI145813	Maternal effect on offspring immunity against hepatitis B virus	\$641,683
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$376,650
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI137181	Developing Vault Nanoparticles as a Delivery Platform for Burkholderia pseudomallei and Burkholderia mallei Antigens	\$195,000
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI148074	Epigenetic Modifications in the Nonhuman Primate Model of Maternal Immune Activation	\$235,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$20,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI143401	Harnessing the RNA-Cleaving Properties of CRISPR-Cas13a for Applications to HIV Detection and Latency	\$40,061
2019	La Jolla Institute For Immunology	CA	K99AI145762	Mapping the germinal center and memory B cell landscape to complex antigens	\$132,300
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI143348	Mucosal Chemokines and CD8+ T Cell Immunity to Genital Herpes	\$613,293
2019	STANFORD UNIVERSITY	CA	R21AI142487	Exploring MetAP2 as a viable drug target for Entamoeba and Naegleria	\$249,275
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI130227	Targeting Influenza A Virus by a Carbohydrate-inspired Strategy	\$483,750
2019	STANFORD UNIVERSITY	CA	R01AI148623	Emerging novel mechanisms of antibiotic resistance in the prevalent foodborne pathogen, Salmonella	\$394,250
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI142165	Determining the role for lncRNAs in controlling inflammation	\$224,159
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$448,026

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2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$500,945
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$348,750
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$379,091
2019	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,320,701
2019	La Jolla Institute For Immunology	CA	R01AI1101423	The role of TRAIL in immune control of cytomegalovirus	\$549,000
2019	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$732,263
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI146644	Structural characterization of nucleoprotein cores of human adenoviruses	\$305,000
2019	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$648,013
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$3,522,734
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$191,553
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116880	T cell activation and the breakdown of maternal-fetal tolerance in preterm labor	\$396,250
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114615	Coxsackieviral pancreatitis: autophagy, proteolysis, and inflammation	\$667,553
2019	BUCK INSTITUTE FOR RESEARCH ON AGING	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$1
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI116493	Optimal Strategies for HIV Treatment and Prevention in Sub-Saharan Africa	\$599,281
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI123105	Early HIV Effects on Gut Immunity and Inflammation for Seeding Viral Reservoirs	\$746,604
2019	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$400,909
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123024	Novel methods of pharmacologic monitoring for multidrug resistant tuberculosis treatment in the setting of HIV infection	\$690,151
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$387,500
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$587,131
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125104	TAT Transactivation	\$396,250
2019	STANFORD UNIVERSITY	CA	R01AI120683	Portable Nanostructured Photonic Crystal Device for HIV-1 Viral Load	\$375,674
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	\$385,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI131296	Therapeutic vaccination and PD-1 blockade in treated HIV disease	\$1,693,836
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125365	Analyses of the Antiviral and Antifibrotic Mechanisms of Action of NS5A and Cyclophilin Inhibitors	\$481,250
2019	STANFORD UNIVERSITY	CA	R01AI115469	Accelerated dissociation of IgE receptor complexes	\$390,943

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI141842	Pathogenesis and Novel Therapeutics to Reverse T Cell Exhaustion in Persistent Viral Infections	\$290,250
2019	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	SC2AI133653	Using Psidin to Study the Regulation of Phagocytosis vs Autophagy Pathways	\$139,100
2019	EPIPHANY BIOSCIENCES INC	CA	R44AI129461	Improved Diagnosis of Kaposi's Sarcoma-Associated Herpesvirus Infection	\$1,000,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI133902	Remodeling of the Host Ubiquitin Landscape by Chlamydia trachomatis	\$63,746
2019	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI128912	Cytomegalovirus tropisms for oral cells:key to a vaccine to prevent maternal infection	\$493,408
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI129302	Engineering the innate immune response to Staphaureus infection	\$379,444
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI129698	Rational design and B cell responses of HIV epitope vaccines	\$638,644
2019	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$385,267
2019	La Jolla Institute For Immunology	CA	U19AI118626	Human immune signatures of Dengue virus and Mycobacterium Tuberculosis exposure in infection, disease and vaccination	\$2,720,994
2019	WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	R01AI141862	Identifying schistosomiasis resistance genes of snail vectors in hotspot transmission zones: Translating from laboratory models to the field.	\$366,363
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI136389	Characterizing the role of an extracellular electron transport chain in Listeria monocytogenes virulence factor expression and metabolism	\$67,730
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	T32AI125209	Frontiers in Fundamental and Translational Immunology	\$204,749
2019	MAPP BIOPHARMACEUTICAL INC	CA	R43AI136272	Development of highly potent human monoclonals for RSV immunoprophylaxis	\$300,000
2019	SCRIPPS RESEARCH INSTITUTE	CA	U19AI135995	Consortium for Viral Systems Biology (CViSB)	\$3,150,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI131939	Novel next-generation sequencing assay for monitoring multidrug resistant tuberculosis treatment in the setting of HIV infection	\$912,893
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI133182	Protecting Against Main Hemorrhagic Fever-Causing Arenaviruses With A Single Live-Attenuated Vaccine	\$290,250
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI124979	Microbiome and Mucosal Immune Interactions in the Pathogenesis of HIV-1 Transmission	\$154,148
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI136725	Molecular epidemiology of HIV and Neisseria gonorrhoeae in the context of drug resistance	\$138,116
2019	STANFORD UNIVERSITY	CA	R01AI130123	Host determinants of adeno-associated virus entry and trafficking	\$392,500
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI140718	Genetic evolution, pathogenesis and immune responses in mother to child transmission of ZIKV	\$750,427

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2019	STANFORD UNIVERSITY	CA	K25AI140783	Spatial Epigenomic Profiling of Immune Cell Signatures at Subcellular Resolution in Health and Disease	\$107,880
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI139793	Role of the SET-like domain of Blimp-1 in plasma cell function and Immunoglobulin secretion	\$196,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136735	Elucidating the mechanism of macrophage death during infection with the AIDS-associated opportunistic pathogen Histoplasma capsulatum	\$549,899
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI136708	In vivo modelling of therapeutic strategies for prevention of HIV-related fibrosis and fatty liver disease in chronic treated HIV-1 infection	\$195,000
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI116400	Short and long term outcomes of doxycycline versus TMP-SMX for SSTI treatment	\$1,107,689
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI139748	Development of the Next Generation of Conjugate Vaccines	\$846,375
2019	CLICK DIAGNOSTICS, INC	CA	R61AI140468	Single-use, disposable PCR home self-testing device to detect HIV-1 RNA in finger-stick blood	\$0
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI139052	Characterization of Rifabutin Therapy Against Antibiotic-Resistant Bacteria	\$566,294
2019	VITALEX BIOSCIENCES, LLC	CA	R43AI138904	Humanized monoclonal antibodies to treat mucormycosis	\$299,778
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI139265	Syphilis immunology and biology to improve clinical management and vaccine design	\$634,347
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R33AI121571	Nanoparticle decoys for treating infections with enterotoxin-producing pathogens	\$450,673
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137709	Strategies for the Irreversible Inhibition of Botulinum Neurotoxin	\$241,875
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI144825	Gamma delta IEL control of intestinal infection: roles for CD100 and JAML	\$290,250
2019	La Jolla Institute For Immunology	CA	U01AI141995	Identifying mechanisms and correlates of long-lasting vaccine-induced immunity to whooping cough	\$822,827
2019	STANFORD UNIVERSITY	CA	K08AI143796	Dissecting Mechanisms of Granuloma Macrophage Polarization and Granuloma Formation in Chronic Salmonella Infection	\$194,292
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI139552	Innate Immune Regulation by HSF1 in Liver Inflammatory Injury	\$390,000
2019	La Jolla Institute For Immunology	CA	U19AI142742	Functional and dysfunctional human CD4 T cell and B cell responses to bacteria and viruses	\$2,748,849
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI135322	Vaccine Efficacy after a Sanitation Campaign: A Natural Experiment	\$71,007
2019	UNIVERSITY OF CALIFORNIA	CA	R03AI139648	Statin Lipophilicity as a Determinant of Drug Airway Distribution: A Pilot Study to Identify the Most Potent Statin(s) for the Treatment of Severe Asthma.	\$78,500

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2019	CROSSLIFE TECHNOLOGIES INC.	CA	R44AI140813	Rapid Point-of-Care RNA Diagnostic for Dengue Infection	\$299,410
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143439	Evaluation of doxycycline post-exposure prophylaxis to reduce sexually transmitted infections in PrEP users and HIV-infected men who have sex with men	\$1,418,675
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI143301	Mechanisms of varicella virus dissemination	\$231,750
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI135489	Biophysical Fragment Screening and Structure Determination for Class A, B, and D Carbapenemases	\$193,625
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI146987	Biological mechanisms and consequences of chlorate treatment on Pseudomonas aeruginosa chronic wound infections	\$214,601
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143187	Epigenetics of uterine quiescence	\$616,646
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$385,000
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI139335	Understanding the Interface of Allo and Auto-Immunity: The Impact of Angiotensin II Type 1 Receptor Antibodies in Pediatric Kidney Transplant Recipients	\$204,876
2019	MFLUIDX INC	CA	R44AI141044	Point-of-care Microfluidic Diagnostic for Outpatient Clinics	\$702,922
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI139364	Identifying gaps between LLIN use and vector exposure to improve malaria control	\$198,218
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI147183	Functional Characterization of Herpesvirus-Activated Noncoding Retrotransposon RNAs	\$233,625
2019	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI145206	Feedback controlled, ultra-high-precision drug delivery	\$496,589
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI142945	Functions of novel phospholipase D proteins in nucleic acid sensing	\$483,750
2019	NEWOMICS INC	CA	R44AI106100	Senescence-Chips for Radiation Biodosimetry	\$1,000,000
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI112949	Mechanism of colonization resistance	\$449,690
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI130381	Deconvolution of pro- and anti-viral responses to Dengue virus and Zika Virus infections	\$203,796
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R03AI144714	Updating the toolbox: applying CRISPR towards the study of the xenobiotic transporter MDR1	\$109,875
2019	AURITEC PHARMACEUTICALS INC	CA	R44AI124815	IND-enabling preclinical development of a system for the multipurpose prevention of HIV and unintended pregnancy	\$999,998
2019	STANFORD UNIVERSITY	CA	R03AI147682	HIV-1 Leader Mutations During RT Inhibitor Therapy	\$78,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI147777	Phenotypic and mechanistic analysis of the in vivo HIV latent reservoir by single-cell technologies	\$540,392
2019	MelioLabs Inc.	CA	R43AI145567	Rapid and broad pathogen profiling system for infection in newborn	\$299,734
2019	Distributed Bio, Inc.	CA	R43AI147898	Development of world's first fully human broad spectrum anti-snake venom	\$162,708

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI141537	Structure-guided design of a safe and effective Respiratory Syncytial Virus G protein immunogen	\$558,550
2019	SCRIPPS RESEARCH INSTITUTE	CA	K99AI139445	Mechanistic understanding of influenza-host interactions from a zoonotic perspective	\$99,350
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	DP2AI152071	Development of synthetic viral circuitry to regulate viruses in mosquito disease vectors	\$2,367,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI144144	EV71 intra-host evolution, attenuation and vaccine development	\$240,438
2019	STANFORD UNIVERSITY	CA	R01AI127447	Defining the role of Host Hsp70 Subnetworks in Dengue Virus Replication	\$496,530
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular mechanisms of attachment by the ventral disc in Giardia	\$521,438
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI052201	Innate Immune Mechanisms in Non-infectious Lung Inflammation	\$525,054
2019	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$397,844
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI122528	Regulation of Gammaherpesviral Late Gene Expression	\$365,585
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$765,121
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$370,355
2019	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	\$1,376,731
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI121513	Coopting epigenetic regulators by Aire to maintain immune tolerance	\$220,495
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI114787	Manipulating collectivity and Niches for Developing CD8 Immunity	\$447,712
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$123,468
2019	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$914,216
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$392,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$643,632
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,250
2019	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$329,066
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123365	Structure and function of Hepacivirus envelope glycoprotein	\$625,625
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI110621	Analyzing the effects of type I interferons in the enterovirus-infected heart	\$675,205
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI113009	Explore FOXP3's role in the 3D organization of the genome	\$412,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI120009	High-throughput Deep Sequencing Assay to Reliably Measure the HIV Reservoir during Antiretroviral Therapy	\$748,791

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2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116368	Timing of ART and homeostasis of the persistent HIV reservoir in the adult	\$702,186
2019	STANFORD UNIVERSITY	CA	R01AI118884	Role of Dendritic Cells in Mixed Chimerism and Tolerance	\$399,682
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$794,658
2019	SCRIPPS RESEARCH INSTITUTE	CA	U19AI123861	Cooperative Center for the study of HCV antibody responses and vaccine antigens	\$907,122
2019	La Jolla Institute For Immunology	CA	R01AI071922	Differentiation of subsets of NKT cells	\$539,188
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI147837	Defining the regulation of double-strand DNA break repair by HIV Vpr	\$371,551
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI119564	A Multidisciplinary Approach for the Treatment of Botulinum Intoxication	\$559,989
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$120,069
2019	La Jolla Institute For Immunology	CA	R21AI126487	Ubiquitination in Immune Tolerance	\$225,000
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K25AI128000	Microfluidic High-Throughput Droplet-Scale Screening of DNA-Encoded Compound Libraries for Activators of the Bacterial Target ClpP	\$99,652
2019	STANFORD UNIVERSITY	CA	R01AI125286	Beta-lactamase fluorescent probes for bacterial detection	\$584,232
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI125249	Regulation of Rotavirus Replication, Virulence, and Host Range Restriction by the Innate Immune System	\$471,572
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$437,500
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	\$1,237,124
2019	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$402,577
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI127302	Innate Immune Surveillance of HIV-1 During Transmission and Systemic Infection	\$861,268
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI129191	Memory T cell development and survival in T cell responses of older individuals	\$351,676
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127850	Biological consequences of enzymatic inactivation of Pseudomonas pyocyanin	\$523,956
2019	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI130066	Antimicrobial resistant E. coli before and after California Senate bill 27 (ARES): a natural experiment	\$735,026
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R33AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$459,076
2019	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI132128	Understanding HIV latency reversal and clearance of infected cells in vivo	\$383,250
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI141390	Development of a Safe and Potent Vaccine Against Melioidosis using the LVS dcapB Vector Platform	\$789,812
2019	STANFORD UNIVERSITY	CA	R01AI136992	Evolution of drug resistance in Candida glabrata	\$708,143
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI124566	Endothelial invasion by yeast-phase Candida	\$549,244
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI131385	Revealing Reservoirs during Rebound (R3)	\$1,504,245

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2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI125615	Control of B cell development and effector functions by microRNA-142	\$425,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118974	Subversion of membrane transport pathways by Legionella pneumophila	\$437,089
2019	UNIVERSITY OF CALIFORNIA	CA	P01AI131568	Role of reservoir composition and T cell immunity in HIV rebound kinetics	\$1,398,678
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$1,929,696
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI130684	Exploring the biology of O-acetyl-sialic acids using stable synthetic mimics	\$522,160
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI130060	MAB Passive Vaccination against Acinetobacter baumannii	\$703,322
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI130471	Progenitor Cells for High Endothelium in the Immune Response	\$509,659
2019	STANFORD UNIVERSITY	CA	R01AI132191	Advancing a broad-spectrum anti-influenza A virus RNA packaging inhibitor to an IND	\$1,121,874
2019	STANFORD UNIVERSITY	CA	R01AI129939	CTLA4 expressed in B-1a regulates B-1a immune function	\$404,186
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135631	Optimization and Advanced Proof-of-Concept Studies of a Listeria-vectored Multi-Antigenic Vaccine against Tuberculosis	\$939,379
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI133072	Intrinsic and extrinsic regulation of antiviral T cell responses by MMP2	\$97,500
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R15AI131027	Masters of immunology- how Toxoplasma gondii directly manipulates T cell activation	\$80,606
2019	STANFORD UNIVERSITY	CA	R24AI136618	HIV Drug Resistance Database	\$883,842
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI135198	Regulation of Ubiquitination and Arthritis	\$401,041
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI135677	The role of nuclear receptor co-repressor NCoR1 in ulcerative colitis	\$193,750
2019	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI134868	Improved protein-based meningococcal serogroup B vaccines	\$589,599
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI140436	Broad recognition of group A Streptococcus M proteins	\$193,750
2019	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$456,461
2019	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R03AI140991	A Proximity Labeling EM-Proteomics Approach for Tracking Early Events of HIV Infection	\$71,250
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI140281	Role of Lymphangiogenesis in the Initiation and Progression of Type 1 Diabetes	\$241,875
2019	STANFORD UNIVERSITY	CA	R01AI140134	Effects of IgE Blockade on T Cells in Food Allergy	\$392,500
2019	SCRIPPS RESEARCH INSTITUTE	CA	F30AI136646	Lymph node-targeted delivery of HIV vaccine candidates	\$32,016
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI131971	The Prostate as a Reservoir for Residual Replication	\$196,875
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI136492	TLR Transporters in Lupus	\$387,000

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2019	STANFORD UNIVERSITY	CA	K99AI129739	Induced host immune response to HIV-1 after antibody therapy	\$127,035
2019	STANFORD UNIVERSITY	CA	R01AI137523	Repertoire studies of human antibodies to RSV and MPV F	\$626,670
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI142506	Evolution of the 3D chromatin structure in apicomplexan parasites	\$230,596
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI143554	Improved RhCMV/SIV vaccine efficacy via IL-10 pathway modulation	\$773,435
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143340	Point-of-care Urine Monitoring of Adherence (PUMA): Testing a Real-Time Urine Assay of Tenofovir in PrEP	\$694,914
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI142743	RAPs-mediated post-transcriptional control in Apicomplexan parasites	\$560,570
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI135661	An unnatural amino acid system for capturing protein-protein interactions in Toxoplasma gondii	\$185,742
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI142525	Mechanisms of neutrophil killing of the human-infective parasite Trichomonas vaginalis and immune evasion by the parasite and its symbiont Mycoplasma hominis	\$234,000
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI139244	The role of purine biosynthesis and stringent response in persistent MRSA endovascular infections	\$500,831
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI124316	Systems Biology Approach to Redefine Susceptibility Testing and Treatment of MDR Pathogens in the Context of Host Immunity	\$1,859,004
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI142544	Social Motility and cAMP signaling in chemotaxis and parasite-vector interactions of African trypanosomes	\$112,395
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI141202	Cross-Kingdom Vaccine Targeting Healthcare-Associated Priority Pathogens	\$1,181,298
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI143730	Surface sensing, memory, and motility control in biofilm formation	\$404,750
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI140962	Personalized strategies for HIV treatment maintenance: an application of novel machine learning methods to HIV care in East Africa	\$40,330
2019	LINNAEUS BIOSCIENCE, INC.	CA	R01AI144091	Development of a new class of antifungals effective against Cryptococcus	\$728,049
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI143586	How immunodominant Fc peptide epitopes expand natural regulatory T cells and downregulate inflammation	\$435,579
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI144901	How group A Streptococcus M1 protein resists cathelicidins	\$236,000
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI142985	Roles of the Nucleoprotein 3'-5' Exonuclease Domain in Arenavirus Biology	\$457,750
2019	ARISAN THERAPEUTICS INC	CA	R44AI127055	Development of a Highly Sensitive Quantitative Rapid Digital LSPR Diagnostic for Acute Dengue and Zika Virus Infection	\$1,000,000

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2019	VLP BIOTECH INC	CA	R44AI142939	An epitope-focused nanoparticle vaccine for anthrax	\$300,000
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145997	Transcriptional mechanisms of natural killer cell responses during mouse cytomegalovirus infection	\$453,462
2019	STANFORD UNIVERSITY	CA	R01AI139119	Regulation of the IgG Fc domain repertoire	\$584,356
2019	SAN FRANCISCO STATE UNIV	CA	R21AI146719	Reasoning with chemically induced dynamic phenotypes in whole-organism assays	\$204,803
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R15AI146780	Molecular Bases of Inflammasome Regulation Mediated by ASC Isoforms	\$443,364
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI137252	Functional Analysis of MicroRNAs and Target Genes in Immune Tolerance	\$433,154
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI142137	Genetically Modified T cells as Probes and Therapy for Lupus	\$245,480
2019	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI144462	Consortium for HIV/AIDS Vaccine Development	\$21,733,586
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI143287	Mechanism for anti-interferon functions of influenza virus	\$390,000
2019	STANFORD UNIVERSITY	CA	K08AI138640	Natural killer cell repertoire in HIV infection outcomes	\$187,380
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120464	Epigenetic control of virulence in a fungal meningitis pathogen	\$384,572
2019	J DAVID GLADSTONE INSTITUTES	CA	R37AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$621,854
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI124843	Development of SMAC mimetics as latency-reversing agents	\$664,048
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI147826	Design and testing of germline-targeting and boosting immunogens to elicit 10E8-like broadly neutralizing antibodies against HIV	\$957,981
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$600,134
2019	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI141338	Novel vaccine strategies to induce V2 apex-directed broad neutralizing antibodies	\$943,932
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R03AI147063	Development of an animal model of severe neutrophilic asthma	\$78,000
2019	STANFORD UNIVERSITY	CA	R21AI145365	Using collaborative cross mice to monitor resilience to malaria	\$197,223
2019	NANOCOMPOSIX INC	CA	R41AI147875	The first commercial rapid diagnostic test to detect Paragonimus infections	\$238,810
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI147490	Optimizing HIV prevention portfolios targeting people who inject drugs using dynamic economic modeling	\$579,648
2019	STANFORD UNIVERSITY	CA	R25AI147369	Stanford TRANSFORM I2T Program	\$351,000
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI141346	T32 for Training in Microbiology and Infectious Diseases	\$129,160
2019	TOURO UNIVERSITY	CA	R21AI140904	Covalent capture of small molecule - gp41 complexes	\$214,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$309,512
2019	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,895

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2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$370,713
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$385,000
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI120625	Molecular Regulation of Systemic Inflammation	\$385,873
2019	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$223,992
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$358,061
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	Role of nuclear factor TOX in lymphocyte development	\$437,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$361,922
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$454,343
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	\$9,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$10,064,529
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$516,144
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$0
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$424,658
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$632,795
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$355,207
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$3,394,228
2019	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$833,577
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI106874	The Microbiome Drives Masts Cell Recruitment in the Skin	\$387,500
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI118451	Reservoir depletion and anti-retroviral therapy for infant functional cure	\$771,179
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI117061	Integrated Comprehensive Droplet Digital Detection (IC 3D) system for rapid detection of bacteria and antimicrobial resistance	\$921,581
2019	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	\$376,689
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118985	The structural plasticity of chemokine and gp120 recognition by CCR5	\$535,286
2019	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$2,634,428
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118422	Perturbing the HIV Reservoir with Immune Stimulation	\$757,905
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$2,561,973
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118862	IL-27 elicited antibodies: A novel means to control persistent Arenavirus infection	\$481,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI118688	Disruption of T cell tolerance in type 1 diabetes	\$1,581,183

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2019	UNIVERSITY OF CALIFORNIA	CA	R01AI117890	Protective humoral immunity to influenza infection	\$485,276
2019	STANFORD UNIVERSITY	CA	R01AI121084	Small RNA regulation of gene expression in Entamoeba	\$623,315
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI124319	Systems Immunobiology of Antibiotic-Persistent MRSA Infection	\$1,962,994
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131081	Mutagenic chain reaction-facilitated immunotherapy	\$651,000
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI130605	Structural Requirements for Broadly Protecting Antibodies to the Respiratory Syncytial Virus G Protein	\$187,737
2019	SCRIPPS RESEARCH INSTITUTE	CA	F31AI131873	Broadening autologous Tier 2 anti-HIV neutralizing antibodies	\$31,524
2019	STANFORD UNIVERSITY	CA	R01AI116698	AAV capsid engineering for enhancing gene transfer	\$593,119
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI118592	Childhood Tuberculosis Infection Among School-Age Children in Rural Uganda	\$194,892
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI113272	Regulation of Innate Immune Signaling by Lyn Kinase	\$396,250
2019	SCRIPPS RESEARCH INSTITUTE	CA	U01AI130842	PTPN22 R619W in NOD mice	\$745,163
2019	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI129706	Enhancement of Infectivity by HIV-1 Nef via Antagonism of SERINC Proteins	\$566,104
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI128007	Intrauterine sex steroids and human fetal T cell development	\$210,600
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$400,000
2019	GIGAGEN INC	CA	R44AI115892	Production Technology for Recombinant Intravenous Immunoglobulin	\$1,000,000
2019	J DAVID GLADSTONE INSTITUTES	CA	P01AI131374	Exploiting the Host-HIV Interface To Identify Biomarkers Predicting Time to Viral Rebound after Treatment Interruption	\$1,687,137
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI129299	New Genetic Tools for Accessing Anti-Infective Agents from Gram-Negative Bacteria	\$39,466
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	\$362,792
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI146914	The role of Entamoeba histolytica trophocytosis (trophocytosis) in the pathogenesis of amoebiasis	\$372,773
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI123998	Late developmental regulation in Chlamydia	\$449,858
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI133951	Decoding the interaction of the Chlamydia secreted effector CT192 with host dynactin	\$39,402
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI133280	CD44 Promotes Chronic Virus Infection	\$243,750
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI132923	Transferrin As a Novel Approach to Combat Mucormycosis	\$206,250
2019	STANFORD UNIVERSITY	CA	R21AI133240	Heparanase and Regulatory T cell Stability and Function	\$199,413
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI136523	Development of Peromyscus leucopus as a model organism for research on Lyme disease and other emerging zoonoses	\$193,125

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	IMMPOR THERAPEUTICS INC	CA	R43AI136197	Discovery of Yellow Fever Virus-Specific Epitopes for Development of an Accurate Serodiagnostic Assay	\$295,679
2019	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R21AI138569	Integrated Point of Care Nucleic Acid Testing for Acute Dengue Virus Infection	\$171,896
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI138479	Organ-specific autoimmunity resulting from two genetic defects in tolerance	\$400,834
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127867	The NFkB System in Dendritic Cells	\$443,493
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI141003	Targeting Non Viral Markers of HIV Persistence	\$677,215
2019	STANFORD UNIVERSITY	CA	K23AI127909	Modulation of the B cell response to dengue virus infection by Plasmodium falciparum co-infection	\$185,273
2019	J DAVID GLADSTONE INSTITUTES	CA	R61AI140465	Harnessing the RNA-Binding Properties of Cas13a for HIV-1 Self-Testing	\$468,574
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135201	The role of HLA and its coreceptors in endothelial cell activation and leukocyte recruitment in antibody-mediated transplant rejection	\$620,147
2019	CHROMOLOGIC LLC	CA	R44AI108019	MicroRNA-based Radiation Biodosimeter (MiRAD) Phase II	\$1,000,000
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$485,594
2019	NANOCOMPOSIX INC	CA	R41AI143071	Ultra-sensitive Rapid Diagnostic Test to Support the End-Game of the Global Program to Eliminate Lymphatic Filariasis	\$224,246
2019	STANFORD UNIVERSITY	CA	R21AI145647	Structural interrogation of the HIV-1 5' leader RNA by multidimensional chemical mapping and cryoelectron microscopy	\$234,750
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI139968	Real-time metabolic analysis of virulence activation in P. aeruginosa using fluorescence lifetime imaging microscopy (FLIM)	\$210,925
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI131624	Repertoire selection of AQP4-specific T cells that cause CNS autoimmunedisease	\$450,615
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI141887	Function and mechanism of the mammalian RNA interference response to virus infection	\$568,833
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI135495	Discovery of Novel Antimalarial Leads Targeting Translational Repression in Plasmodium parasites	\$214,372
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI143821	Bile acid-dependent T cell regulation in the intestine	\$483,540
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI144048	Mentoring translational scientists in international infectious disease research	\$191,553
2019	LOMA LINDA UNIVERSITY	CA	R21AI142170	Targeting Intestinal Stem Cells to Augment the Repair of Epithelial Barrier	\$37,697
2019	CEDARS-SINAI MEDICAL CENTER	CA	R21AI144529	Development and characterization of a nanocarrier for enhanced delivery of benznidazole during acute and chronic T. cruzi infection	\$222,629

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2019	IMMUNOGENICS, LLC	CA	U44AI134590	A Clinical Study of Latiglutenase as a Treatment for Symptom Reduction for Celiac Disease	\$299,089
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI138550	Exploring the role of type I interferon in Rickettsia pathogenesis	\$196,250
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI145044	B-cell-specific transduction for anti-HIV antibody and B-cell receptor expression	\$390,000
2019	CEDARS-SINAI MEDICAL CENTER	CA	R21AI142422	Antifungal immunity in Hirschsprung-Associated Enterocolitis	\$212,500
2019	UNIVERSITY OF CALIFORNIA	CA	F30AI143146	The role of SLC11A1 in neutrophil antimicrobial response	\$37,426
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$437,500
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI130925	Immune priming the piRNA pathway for arboviral resistance in Aedes aegypti	\$224,064
2019	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$629,523
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$495,539
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI139916	Developing lipopolysaccharide-neutralizing peptides through modular high throughput screening strategies	\$68,413
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI147207	Assembly of Transcriptional Factories by Viral Non-coding RNA Expression	\$235,500
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI132317	Germline targeting influenza immunogens	\$1,394,075
2019	GODX INC.	CA	U43AI143168	A Rapid and Highly Sensitive, Point-of-Care, Simple Paper-Based Neonatal Sepsis Test	\$299,153
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI139047	Salmonella-specific Th1 cell function and residence	\$384,565
2019	La Jolla Institute For Immunology	CA	R56AI109842	NFAT, bZIP proteins, and transcriptional programs in lymphocytes	\$414,272
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI137150	Dual TCR Expression Effects of Post-Transplant T Cell Repertoires	\$386,328
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI136885	A bench to population epidemiologic approach to investigating the effects of antenatal stress and inflammation on child gut inflammation, growth, and development	\$138,842
2019	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R56AI147023	Antimicrobial Resistance and Horizontal Gene Transfer in the Human Gut Microbiome in Response to an Antibiotic	\$713,033
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI143870	PknG mediated tailoring Mycobacterium tuberculosis adaptive metabolism is required for the persister formation	\$412,500
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI149632	Neutrophil-intrinsic role of SLC11A1/NRAMP1 in control of bacterial infection	\$462,573
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$460,767

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2019	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$549,500
2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$425,420
2019	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$337,801
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$543,103
2019	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$380,225
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$747,319
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI142121	Genetic determinants of parasitic nematode tissue tropism and immune sensing	\$233,250
2019	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$632,042
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$437,500
2019	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$468,462
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114671	Next-generation 5-nitro heterocyclic antimicrobials against mucosal protists	\$623,681
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI116392	Cell Phone Video Directly Observed Therapy to Monitor Short Course LTBI Treatment	\$620,477
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$386,875
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI106695	Protective immunity following dengue virus natural infections and vaccination	\$2,082,273
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI124236	GSDMB and mucosal allergic response	\$485,263
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI127652	Phage resistance and mobile genetic elements in Vibrio cholerae	\$554,615
2019	RAND CORPORATION	CA	R01AI118705	Modeling the Coupled Dynamics of Influenza Transmission and Vaccination Behavior	\$426,959
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI124493	Dissecting novel mechanisms of dengue virus NS1-induced vascular leak	\$382,705
2019	La Jolla Institute For Immunology	CA	U01AI125955	HVEM: A TNF family receptor that influences mucosal immunity and the microbiome	\$535,300
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$487,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI125222	Filling a Void of Research (FAVOR) Training for Transplant Surgeons	\$309,261
2019	La Jolla Institute For Immunology	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$450,000

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2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI130065	Mechanisms of Protection of Universal Therapeutic Antibodies to Influenza A	\$1,459,042
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122747	Decoding the Chlamydia inclusion membrane protein-host protein interactome	\$613,137
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI121144	Improving the molecular diagnosis of drug resistant tuberculosis	\$742,543
2019	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI114701	The effect of binding of fH to meningococcal fHbp vaccine on antibody protection	\$560,596
2019	STANFORD UNIVERSITY	CA	U01AI131302	Impact of HIV exposure, feeding status, and microbiome on immune ontogeny and vaccine responses in infants	\$422,587
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$0
2019	STANFORD UNIVERSITY	CA	R01AI127250	Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa	\$683,442
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$385,509
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI125350	Mechanisms of HBV-Induced Innate Immunity	\$387,500
2019	La Jolla Institute For Immunology	CA	R01AI128589	Epigenetic control of Foxp3 expression in induced T regulatory cells	\$450,000
2019	STANFORD UNIVERSITY	CA	R37AI051622	Chemical Mycobacteriology	\$465,248
2019	UNIVERSITY OF CALIFORNIA	CA	U01AI125956	Paneth Cell Secreted Effectors in Mucosal Innate Immunity	\$445,167
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI127886	The Immunologic Impact of In Utero Malaria Exposure and Prenatal Chemoprevention	\$199,379
2019	La Jolla Institute For Immunology	CA	R01AI121426	Epigenome-wide association study of childhood asthma	\$773,863
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128796	Maturation, Infectibility, and Trauma(MIT) Contributes to HIV Susceptibility in Adolescents	\$593,733
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI141210	Brain Penetrant Microtubule-Stabilizers to Treat CNS-invasive Parasitic Diseases	\$189,122
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$4,550,799
2019	La Jolla Institute For Immunology	CA	U19AI135731	LJI Epitope Validation Center: Characterization of epitope-specific T cells responding to food, fungal and inner city allergens	\$1,040,067
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI143454	Role of female genital mucosa associated CD4 T cells in vaccine-induced HIV susceptibility	\$235,500
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$481,547
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137249	Defining the Role of Thymic Tolerance in the Pathogenesis of the COPA syndrome	\$469,478
2019	UNIVERSITY OF CALIFORNIA	CA	R03AI138792	Role of vaginal microbiome and metabolome in HIV vaccine efficacy	\$78,500

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2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI138165	Ischemia / Reperfusion Injury Mediated TIM-3+CD4+ T Cell Exhaustion In Liver Transplant	\$234,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI135756	Culture-free next generation sequencing for rapid detection of drug-resistant tuberculosis	\$216,688
2019	STANFORD UNIVERSITY	CA	R21AI139941	Biofilm Lithography: A newparadigm to optically control and study biofilm growth dynamics	\$196,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI138189	Development of methodologies and probes for metabolic detection of pathogenic microorganisms	\$80,000
2019	STANFORD UNIVERSITY	CA	R01AI131249	Mechanisms of Diet-Induced Pathogen Expansion in the Gut	\$392,763
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134987	Monocyte Production by Bone Marrow Progenitors	\$425,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI140095	Function of tissue-specific regulatory T cells in health and disease	\$232,500
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI138188	Microbiome Dynamics from Commensal to Biofilm-Forming	\$181,051
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R33AI119115	Maltose Targeted Antibiotics	\$462,087
2019	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNI	CA	R21AI139564	Targeting islet microenvironment via inducing immunity to MSC-derived exosomes	\$235,000
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI140020	Global identification of novel protease activity for Coccidioides, the Valley fever pathogen	\$232,500
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI138053	Impact of P. acnes hyaluronidases on acne pathogenesis	\$229,312
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI134581	A Novel Conformation of the ZIKV Protease Provides a Unique 3D Scaffold for Discovering Allosteric Protease Inhibitors as Direct Anti-virals, via HT and Virtual Screening, and Protein Engineering	\$243,750
2019	La Jolla Institute For Immunology	CA	F30AI136410	Targeted therapeutics against filoviral hemorrhagic fever	\$32,016
2019	STANFORD UNIVERSITY	CA	R01AI129529	Identifying The Machinery That Translocates Toxoplasma Effectors Into The Host Cell	\$545,281
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$521,797
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI135990	HPMI: Host Pathogen Mapping Initiative	\$2,000,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137270	Radical SAM-dependent methylation in antibiotic resistance	\$441,354
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI116885	Regulation of TH17 Cell Development and Function by the REV-ERBs	\$480,000
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI132790	Exploiting inhibitory Siglecs for desensitizing mast cells	\$612,669
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R15AI137975	Development of a high-throughput assay for Candida albicans cell-type switching	\$443,745
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI138150	The impact of Giardia metabolism in causing gastrointestinal dybiosis	\$235,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI135124	Identifying Optimal Treatment Strategies for Tuberculosis Treatment	\$786,787

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2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI139234	Epitranscriptomic regulation of HBV gene expression	\$262,223
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI144823	Regulation of T cell metabolism by DRAK2	\$221,737
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI139386	Metabolic compensation in Mycobacterium tuberculosis for the formation of persisters	\$247,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI139375	Identification of circulating and tissue-specific autoimmune responses in checkpoint inhibitor-induced immune-related adverse events	\$199,098
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143884	Engineer Immune Cells via Chemoenzymatic Glycan Editing	\$944,319
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI145629	Fusion peptide directed immunogens that elicit neutralizing and protective antibodies in non-human primates	\$920,094
2019	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$1,002,662
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI026918	Parasite immunity orchestrated by type 2 immune cells	\$401,041
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120694	Discovery of novel, ubiquitin-regulated mechanisms of TB control by macrophages	\$718,869
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$386,250
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI137663	Orally active metabolite therapy against C. difficile infection	\$195,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI147364	The role of regulatory T cells in early-life development and immunity of the skin	\$37,164
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI146432	Dietary copper reconfigures pathogen growth	\$196,250
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI147057	Mechanistic understanding and inhibition of Zika NS5 protein	\$194,375
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$617,523
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI144070	Endosomal TLR transport in B cell signaling and autoimmunity	\$193,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI137301	Unraveling the Molecular Function of Mosaic, a gene mediating immune dysregulation	\$212,328
2019	BCN BIOSCIENCES LLC	CA	R43AI145784	BCN057 as a mitigator of Radiation Induced Gastrointestinal Syndrome	\$299,857
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI143563	HIV-1 vaccine design emphasizing bnAb targets on membrane Env liposomes	\$581,917
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$882,633
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI136976	Thermosensation in skin-penetrating parasitic nematodes	\$656,121
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI146615	Role of Orai1 trafficking in local effector T cell responses	\$390,000

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2019	TENEOBIO, INC.	CA	R43AI148053	Bispecific Antibodies Directed to CD3and HBsAg to Treat Chronic Hepatitis B Virus	\$296,876
2019	AUGMENTA BIOWORKS, INC.	CA	R43AI145569	Fluorescent Chimeric Antigen Receptor T Cell (CAR-T) Reporter Assay	\$221,719
2019	PLANET BIOTECHNOLOGY INC	CA	R44AI147930	An immunotherapeutic to prevent gonorrhea	\$300,000
2019	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R61AI140471	Feasibility and development of an automated HIV self-testing system	\$418,977
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI136336	Determining the impact of in utero microbial colonization on immune tolerance development	\$40,424
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$480,598
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$411,840
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$392,500
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$2,079,300
2019	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$424,590
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$466,409
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$535,455
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,918,900
2019	La Jolla Institute For Immunology	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$442,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$1,732,262
2019	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$631,188
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$396,250
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$528,154
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$421,458
2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$510,194
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$133,037
2019	STANFORD UNIVERSITY	CA	R01AI120766	Genome Editing by Homologous Recombination to Create HIV Resistant Immune System	\$488,920
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI128836	Designing and optimizing candidate HIV vaccines and boosting protocols	\$962,348
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI119019	Novel serologic assays of P. falciparum exposure for improved surveillance in control and elimination.	\$550,621

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2019	La Jolla Institute For Immunology	CA	R01AI116813	IRF-3/5/7-Independent Antiviral Immunity	\$535,078
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI125141	Host defense-stimulating macrocyclic peptides for treatment of MDR bacterial infections	\$920,556
2019	La Jolla Institute For Immunology	CA	R01AI124796	Relationships between Tfh cells, somatic hypermutation, and the development of broadly neutralizing antibodies	\$450,000
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	\$437,500
2019	La Jolla Institute For Immunology	CA	T32AI125179	Training in Immunological Mechanisms	\$359,413
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	\$503,705
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI114575	The cell and molecular mechanisms underlying CD28 costimulation	\$396,250
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125626	A Virus-Free Cell Platform To Discover Inhibitors Of Lassa Fever Virus	\$433,125
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI118584	TRIPAI: An innovative way to improve the health of infants by including fathers during prenatal care	\$202,427
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$794,640
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI130303	Visualizing epithelial network connectivity in thymus biology, aging, and regeneration	\$464,941
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128739	Exploiting multidrug resistance mechanisms to counter radiation toxicity	\$381,076
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI128913	Mapping Immune Responses to CMV in Renal Transplant Recipients	\$1,566,001
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI131294	Defining Factors Controlling HIV Rebound	\$1,505,434
2019	TRELLIS BIOSCIENCE LLC	CA	SB1AI120425	Therapeutic Antibodies for Biofilm Infections	\$999,961
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI120944	Innate-Adaptive Immunoregulation in Liver Transplant Ischemia/Reperfusion Injury	\$1,680,841
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$533,884
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI128803	Sexual trauma and HIV susceptibility among women: the role of stress and genital immunity	\$599,102
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127300	Sputum Transcriptomic Expression Profiling in Study 31: Express 31	\$1,468,225
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI129206	SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF HIV-INFECTED CD4 T CELLS IN BLOOD AND LYMPHOID TISSUE USING PCR-ACTIVATED CELL SORTING	\$291,071
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117908	Ubiquitin and Psoriasis	\$396,250
2019	STANFORD UNIVERSITY	CA	R01AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$398,138

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2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI147456	Using diet to alter immune manipulation by Eggerthella lenta metabolites: eating away at autoimmunity	\$61,226
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U19AI129326	Environmental Modifications in sub-Saharan Africa: Changing Epidemiology, Transmission and Pathogenesis of Plasmodium falciparum and P. vivax Malaria	\$2,315,304
2019	GENTEGRA LLC	CA	R44AI132032	Stabilization of the RNA Complement of Enveloped Viruses: Beta Testing and Manufacturing Scale-up of a Novel Filter Paper Product for the Field Collection of Dried Blood Spots	\$817,026
2019	CELLERANT THERAPEUTICS INC	CA	R42AI108016	Novel Indication for Myeloid Progenitor Use: Induction of Tolerance in Solid Organ Transplantation	\$543,567
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI127489	Treatment and Prevention of Systemic Candidiasis	\$514,262
2019	C3 JIAN LLC	CA	R33AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$380,862
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI135034	Mentoring Patient Oriented Research in Allergic Eosinophilic Gastrointestinal Disorders	\$179,548
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$577,816
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137690	Analysis of Zika virus emergence and functional evolution in the Americas	\$251,937
2019	STANFORD UNIVERSITY	CA	U01AI135947	The Impact of Epstein Barr Virus Infection on the Immune Response in Pediatric Transplant Recipients	\$913,096
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI129973	Role of proteasome activity in adaptive immunity	\$409,727
2019	STANFORD UNIVERSITY	CA	U01AI135950	Exosomes and the Immune Response in Allograft Outcomes in Pediatric Transplant Recipients	\$918,514
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135029	Improving Influenza Vaccination Delivery Across a Health System by the Electronic Health Records Patient Portal	\$717,747
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136962	Understanding the Molecular Genetic Mechanisms of Asthma Risk Loci: IL33, IL1RL1, and GSDMB	\$596,727
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI138331	Dkk1-Endothelial Progenitor Cell Treatment for the Mitigation of Hematopoietic Radiation Injury	\$546,000
2019	OSSIUM HEALTH, INC.	CA	U01AI138334	OssioStem-matched multipotent MSC (M3): banked, low passage bone marrow MSC for treatment of hematopoietic acute radiation syndrome.	\$513,240
2019	La Jolla Institute For Immunology	CA	K08AI135078	The Immunology of Recurrent Group A Streptococcus Tonsillitis	\$194,400
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI128047	Global analysis of T cell post-transcriptional regulatory elements	\$200,521
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI138111	Evolution and population biology of the relapsing fever agent Borrelia hermsii in California	\$77,250
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI139387	Regulatory factors that determine Toxoplasma bradyzoite to merozoites conversion.	\$196,250

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2019	La Jolla Institute For Immunology	CA	R21AI140063	Vaginal Adaptive Immunity Against Zika Virus	\$225,000
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI139954	Impact of Occult Hepatitis C Virus Infection in Progression of Liver Diseases	\$165,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI139179	Mechanisms of varied sensitivity of P. falciparum field isolates to the antimalarial drug pipeline	\$681,302
2019	VIROGENICS INC	CA	R44AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$967,956
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136972	Genetic regulation and immunological function of ERAP2 haplotypes	\$716,917
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R61AI140439	Identification and characterization of chromatin regulators of HIV-1 latency	\$950,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI139762	Identifying and modulating therapeutic targets in a model of hepatitis B	\$568,736
2019	CROSSLIFE TECHNOLOGIES INC.	CA	R44AI124779	Point-of-Care Rapid RNA test for HIV	\$995,819
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137471	Insect adaptive immunity	\$504,715
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI116946	The function of chemotactic signal transduction during colonization and disease	\$615,779
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143357	Statistical methods for clinical trials of novel PrEP agents	\$120,501
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI142841	Maternal obesity and neonatal innate immunity	\$445,953
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI137239	PSGL-1 mechanisms of T cell exhaustion	\$386,250
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI141728	Placental malaria: The role of inflammation at the maternal-fetal interface	\$189,986
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI139753	Treg homeostatic differentiation and maintenance	\$380,817
2019	La Jolla Institute For Immunology	CA	R01AI139749	CD4 T cell control of cytomegalovirus	\$720,659
2019	STANFORD UNIVERSITY	CA	R01AI140186	Deciphering the inositol phosphate code in viral pathogenesis and immunity	\$391,250
2019	CROSSLIFE TECHNOLOGIES INC.	CA	R44AI145810	Rapid, Multiplexed Point-Of-Care Molecular Detection of Respiratory Pathogens without Sample Prep	\$299,766
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI145055	N-glycan baiting to target the highly effective HIV Env shield	\$671,548
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143464	Host genetic predictors of plasma IL-1b levels and pharmacogenomics of in vivo IL-1b blockade during treated HIV disease	\$816,613
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$334,060
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI138512	TLR-dependent B cells in Lupus	\$290,250
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer's disease	\$660,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI144855	Using Genetics and Genomics to Dissect Coccidioides Spherulation	\$262,780
2019	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI114929	Tolerance defenses in host-microbiota interactions	\$485,000

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2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI139790	Ultrasensitive Point-of-Care Diagnostics of Zika Infections Prior to Seroconversion	\$186,232
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI147499	PROTECTIVE IMMUNITY AGAINST RECURRENT OCULAR HERPES INDUCED WITH SELF-ASSEMBLING PROTEIN NANOPARTICLES	\$188,938
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI141616	Measuring spillover effects of reactive, focal malaria elimination interventions	\$146,551
2019	La Jolla Institute For Immunology	CA	F32AI147531	Rabies virus glycoprotein structure determination and receptor binding interactions	\$61,226
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI142186	Single cell RNA-Seq and clonal analysis of CD8+ T cells in MS	\$240,750
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI141500	An Antigen-Detection Blood Test for Pulmonary Tuberculosis	\$751,680
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI147544	Investigating the role of conserved signaling modules in medically important Acinetobacter species	\$37,168
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI127406	Generating protective immunity to Staphylococcus aureus	\$550,625
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$467,569
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI125902	Engineering high fidelity mutations to increase safety of live-attenuated alphavirus vaccines	\$539,172
2019	TRELLIS BIOSCIENCE LLC	CA	R44AI122360	Therapeutic Antibody for RSV IIB	\$1,000,000
2019	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R56AI141394	Environmental and Pathogenic Origins of Inflammation and Colitis	\$341,250
2019	STANFORD UNIVERSITY	CA	F31AI143002	Determining the role of Hepatocyte Nuclear Factor 4 (HNF4) in infection-induced metabolic dysregulation	\$37,202
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI141794	Targeting the regulatory mechanism of hyphae to lateral yeast growth as a novel therapeutic approach against candidiasis	\$370,834
2019	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	CA	U19AI144184	Center for Biologically Inspired Nano-scaffolds for Mitigating Chlamydia trachomatis Pathogenesis	\$2,180,520
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI145858	Autoimmune Regulator gene (Aire)-mediated tolerance to pregnancy-associated self-antigens	\$781,986
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI145910	Dysregulation of maternal immunity during pregnancy by pregravid obesity	\$561,666
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI148652	B-1 cells, IgM and Protective Humoral Immunity to Influenza	\$457,282
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI145575	How HIV-1 might escape eCD4-Ig	\$237,500
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$680,666
2019	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$394,200
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$320,566

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2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$379,416
2019	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$267,674
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$45,591,592
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$727,884
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114585	RBM3 regulation of type 2 innate lymphoid cells in allergic inflammation	\$461,600
2019	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$2,213,320
2019	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$670,477
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$4,522,429
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI112394	HIV-1 Modulation of the Ubiquitinome and Its Effects on Cell-to-Cell Transmission	\$197,803
2019	La Jolla Institute For Immunology	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profiles of Human Immune Cells	\$1,068,062
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113270	Metabolic regulation of macrophage function during M. tuberculosis infection	\$381,654
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$2,406,101
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI120691	Allostery and Hijacking of Host Membrane Traffic by HIV-1 Accessory Proteins	\$561,131
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$556,795
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI118581	The role of antibody and the Fc neonatal receptor in transmitted/founder strain selection	\$531,993
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$141,637
2019	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$750,426
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI117712	Targeted discovery of antibiotics from cave bacteria	\$698,536
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI103422	CD4 T cell responses to Chlamydia infection	\$384,722
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125000	Simplified Isoniazid Preventive Therapy (SPIRIT) Strategy to Reduce TB Burden	\$683,851
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114730	Influenza virus receptors on human airway epithelial cells	\$565,390
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI125704	Molecular mechanisms of botulinum neurotoxin neutralization	\$577,448
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125445	Fine-tuning the Neutrophilic Response to Pneumonia	\$436,335
2019	MASIMO CORPORATION	CA	R01AI123115	MalariSense: Transdermal Bloodless and Reagent-Free Malaria Diagnostics	\$478,775
2019	STANFORD UNIVERSITY	CA	R01AI125197	Giant MagnetoResistive (GMR) Sensors for Measuring Influenza Vaccine	\$1,000,000

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2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$512,462
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI141481	Biosynthesis and Enzymology of Antifungal Natural Products	\$580,054
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127864	NFkB Signaling in Macrophages	\$385,000
2019	IGE THERAPEUTICS INC	CA	R44AI126680	Broadly neutralizing(BN) pan-IgE supersite vaccine for allergic asthma	\$982,439
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$463,419
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$387,500
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$4,254,133
2019	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	SB1AI097120	Commercial Readiness for SAMBA HIV-1 Whole Blood Semi-Quantitative Test for Resource Limited Settings	\$836,175
2019	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI132362	Forecasting influenza epidemics using a mechanistic epidemic model	\$268,648
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI129547	Adapting to a changing environment: How surface contact induces virulence factor production in Pseudomonas aeruginosa	\$396,250
2019	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F30AI147579	Structural studies of Zika virus for vaccine design	\$50,016
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI129540	Hepatitis B virus e antigen in viral persistence	\$412,500
2019	CHILDRENS HOSPITAL OF LOS ANGELES	CA	U01AI126612	Randomized study of low versus moderate dose busulfan in transplant for severe combined immunodeficiency	\$1,542,032
2019	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	\$428,701
2019	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	\$339,597
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137580	Enhancement of VIPERdb, a virus structure knowledgebase	\$290,250
2019	STANFORD UNIVERSITY	CA	R01AI125567	FUNCTIONAL ANALYSIS OF PATHOGENIC AND PROTECTIVE PEANUT ALLERGEN-SPECIFIC HUMAN ANTIBODIES	\$434,888
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$693,508
2019	STANFORD UNIVERSITY	CA	UM1AI130839	Evaluating the role of allergen dose and duration in the safety and efficacy of multi-allergen oral immunotherapy with Omalizumab	\$235,000
2019	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$162,738
2019	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI136680	Structural basis for activity of and resistance to HIV integrase inhibitors	\$674,885
2019	UNIVERSITY OF CALIFORNIA	CA	R21AI128523	Unraveling Intersexual Interactions in Tsetse	\$175,612
2019	STANFORD UNIVERSITY	CA	R21AI135287	Natural killer cells in Zika virus pathogenesis	\$187,570

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2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI135118	Antimicrobial Resistance Transmission Associated with Small-Scale Food-Animal Production in Peri-Urban Communities of Quito, Ecuador	\$576,316
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI138553	Role of Microbiome in Neonatal Lung Maturation and Immune Susceptibility	\$574,971
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI140461	High Precision Biochips of Membrane Mimics for Blood Biomarker Assessment	\$149,015
2019	La Jolla Institute For Immunology	CA	R21AI137809	Pre-fusion Arenavirus GP trimers: Structural template for functional analysis	\$309,982
2019	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI138923	Engineered exosomes target inflammation in HIV	\$192,612
2019	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI140065	Investigation of meal destination in Aedes aegypti	\$194,375
2019	La Jolla Institute For Immunology	CA	F32AI140581	The role of GPR183 in Inflammatory Bowel Disease pathogenesis	\$61,610
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI139744	Identification of sialic acid-degrading microbiome proteins during colitis	\$241,875
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133394	Brain Penetrant Microtubule-Stabilizers to treat CNS-invasive parasitic diseases	\$193,750
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI138921	Efficient Sendai virus mediated CRISPR/Cas9 gene editing to protect hematopoietic stem cells from HIV	\$633,566
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134714	Immune effects of ACE over-expression in neutrophils	\$425,750
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI140702	CARD-only protein regulation of cytosolic Pattern Recognition Receptor signaling	\$578,794
2019	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$399,275
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI141111	Investigating the Env-dependent antiviral activity and Nef-mediated antagonism of SERINC5 in HIV-1 infection	\$38,778
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI043477	NF-kappaB and Mitochondrial Signals as Positive and Negative Regulators of Inflammation	\$590,745
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI122282	Understanding the influence of SREBP signaling on CD4 T helper cell biology	\$385,000
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI138139	Hit-to-Lead Development of the Kalihinol Scaffold for Malaria Treatment	\$720,613
2019	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI137126	New requirements for immunity to parasitic pathogens - when vaccines work and why they fail	\$381,079
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI142926	The influence of maternal antibodies on neonatal intestinal immunity	\$381,213
2019	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI135122	Small Molecule Inhibitors Targeting Adenovirus	\$654,679
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI143326	Impact of Immune Checkpoints Blockade on HSV-1 Neuro-Pathogenesis	\$231,750

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2019	STANFORD UNIVERSITY	CA	R01AI136952	Functional genetics of human innate immunity in the bimodal gamma delta T cell response to Epstein-Barr Virus and in education of NK cells and their re-education to respond to autologous cells	\$391,250
2019	CEDARS-SINAI MEDICAL CENTER	CA	R21AI139865	Role of ER and Mitochondrial Stress in Coronary Arteritis and Vasculitis	\$212,500
2019	ENABLE BIOSCIENCES INC	CA	R43AI142936	Early and accurate differential diagnosis of Lyme and other tick-borne diseases by agglutination-PCR	\$225,000
2019	SCRIPPS RESEARCH INSTITUTE	CA	R21AI143529	Novel Regulators of B Cell Tolerance	\$290,250
2019	AURITEC PHARMACEUTICALS INC	CA	R44AI136201	IND-enabling preclinical development of a sustained-release Pritelivir intravaginal ring for the treatment and prophylaxis of Genital Herpes in women	\$860,561
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI140866	Targeting Autophagy to Restore Anti-HIV T Cell Response	\$195,000
2019	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI141630	Modulation of Macrophage Polarization by Heterotrimeric G proteins: Implications of Gastrointestinal Inflammation	\$485,564
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI141569	Role of TET1 in airway epithelium and childhood asthma	\$624,184
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI146267	Deciphering the role of autophagy receptor phosphorylation and host kinases in the targeting of M. tuberculosis to autophagy	\$199,098
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI150312	Reverse-Topology Mechanism of ESCRTs During HIV-1 Viral Release	\$40,483
2019	MEISSA VACCINES INC	CA	R34AI143516	A Phase 1 Study to Evaluate the Safety and Immunogenicity of a Novel Live Attenuated Respiratory Syncytial Virus Vaccine with Thermal Stable Fusion protein in Seropositive Adults and Children	\$220,500
2019	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$679,142
2019	CEDARS-SINAI MEDICAL CENTER	CA	R01AI141401	Pathogenic and protective roles of strain-specific P. acnes hyaluronidases in acne	\$480,729
2019	J DAVID GLADSTONE INSTITUTES	CA	R56AI145018	Development of a Technology Platform for Engineering Single-Administration HIV Therapeutics	\$975,928
2019	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI146742	CD47-SIRPalpha Signaling in Mesenchymal Stem Cell-Mediated Immune Regulation in Liver Transplant Inflammatory Injury	\$195,000
2019	RAFT PHARMACEUTICALS LLC	CA	R41AI147879	Targeting lipid rafts for treatment of asthma	\$299,940
2019	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI146810	Modeling tuberculosis infection in a new collection of genetically diverse mice	\$235,500
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI139557	Barcoding a Salmonella gene knockout library	\$78,041
2019	La Jolla Institute For Immunology	CA	R01AI146042	Histamine-Releasing Factor Oligomers in Food Allergy	\$634,331
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI146268	Understanding the epidemiology and natural history of unrecognized Ebola virus infection	\$199,098

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI139399	Particulate-based in vivo modulation for immunotherapy of Rheumatoid Arthritis	\$372,143
2019	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F30AI142986	Understanding fibrin-mediated immunomodulation in wound healing	\$40,073
2019	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K99AI139281	Combinatorial approach to develop novel pre-therapeutic agents targeting virulence factors essential to clinically relevant pathogens	\$118,224
2019	ARISAN THERAPEUTICS INC	CA	R43AI138878	Optimization of Ebola Virus Entry Inhibitors	\$300,000
2019	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI139279	Evolutionary insights into enterovirus tropism and pathogenesis	\$126,630
2019	UNIVERSITY OF CALIFORNIA	CA	R01AI144149	Understanding How the Ubiquitin Ligase CBL Regulates Innate Immune Responses	\$457,376
2019	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$375,139
2019	COLORADO STATE UNIVERSITY	CO	R01AI121211	Insecticide Resistance Management to Preserve Pyrethroid Susceptibility in Aedes aegypti	\$330,859
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143345	HIV Vaccines	\$20,400
2019	COLORADO STATE UNIVERSITY	CO	R01AI130085	Engineering resistance to Zika virus in Aedes aegypti for Cas9 driven population modification	\$735,512
2019	UNIVERSITY OF DENVER	CO	R01AI138625	Identifying determinants of HIV-1 responsible for the nanoscale distribution and dynamics of virus assembly	\$351,619
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI138043	Examining the effects of genes and metabolism on inflammation in asthma by leveraging an isolated founder population.	\$116,625
2019	NATIONAL JEWISH HEALTH	CO	R01AI137970	Steroid resistance of airway ILC2s	\$494,421
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI130198	TCR signal strength and iNKT cell subset development	\$386,126
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140577	Myeloid Cells	\$15,000
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F32AI145112	Determining the specificity and biological functions of widespread host mRNA degradation by RNase L	\$61,610
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI143649	Multimeric HIV-1 Integrase Inhibitors	\$530,975
2019	AEROSOL DEVICES INC.	CO	R41AI141047	Direct-read monitor for airborne viral pathogens	\$279,307
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI141822	Adapting Motivational Interviewing for Maternal Immunization (MI4MI)	\$237,666
2019	COLORADO STATE UNIVERSITY	CO	R01AI141526	The Role of Schwann Cell Lipid Droplets In Neuropathology of Leprosy	\$616,577
2019	COLORADO STATE UNIVERSITY	CO	R01AI127475	Vaccine induced memory immunity in tuberculosis	\$380,000
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI015614	Pathogenesis of Fever in Man	\$388,750
2019	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$423,581

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$377,640
2019	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$338,755
2019	COLORADO STATE UNIVERSITY	CO	R01AI120021	An Ultrasensitive In Vivo Latent HIV Viral Outgrowth Assay Using Humanized Mice	\$683,513
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI122298	Novel approaches for quantitative assessment of adherence	\$711,362
2019	COLORADO STATE UNIVERSITY	CO	R01AI125454	Improving combination chemotherapy of tuberculosis: a computational approach	\$421,829
2019	NATIONAL JEWISH HEALTH	CO	R21AI135374	The Effects of MHCI Heterozygosity on T Cell Receptor Repertoires	\$201,908
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI130857	MRSA vaginal colonization and impact of polymicrobial interactions	\$186,916
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133089	Impact of commensal cross-talk on MRSA colonization and infection	\$228,250
2019	COLORADO STATE UNIVERSITY	CO	U01AI138910	Repeat Ivermectin Mass Drug Administrations for MALaria control II (RIMDAMAL II): a double-blind cluster randomized trial for integrated control of malaria	\$704,319
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141436	Impairment of B cell Responses by Pathogenic Chikungunya Viruses	\$601,723
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134673	Schistosomiasis at the edge of elimination: characterizing sources of new infections in residual transmission hotspots	\$746,159
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI145988	Dissecting the impact of interferon hypersensitivity on mouse models of Down syndrome	\$384,088
2019	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$521,668
2019	BOLDER BIOTECHNOLOGY, INC	CO	R43AI142909	Novel drugs combinations for improving survival from Acute Radiation Syndrome when administered 48h postirradiation	\$300,000
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI143967	Predictors of Influenza-Associated Absenteeism and Impact of Vaccination in a Cohort of Guatemalan Agricultural Workers	\$188,374
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI062520	Structure and function of HIV-1 integrase	\$474,662
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$143,077
2019	NATIONAL JEWISH HEALTH	CO	R01AI107022	Innate Effectors and Type-2 Inflammation	\$396,250
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI128069	Implementation and Effectiveness of a Rapid Cerebrospinal Fluid Diagnostics Program for Children with Suspected Central Nervous System Infection	\$176,824
2019	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$389,556
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124474	Studies of human B cell tolerance, from a humanized mouse model to human beings	\$678,093

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124487	Autoimmunity risk alleles compromising B cell anergy	\$457,386
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121300	Non-coding RNAs in Gammaherpesvirus Infection and Disease	\$385,420
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI133348	Mechanisms of viral RNA maturation by co-opting cellular exonucleases	\$381,593
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143392	Functional Cures and the Eradication of HIV	\$16,200
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135652	Precursor-rRNA profiling as a measure of drug activity in tuberculosis	\$194,618
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI132476	Multi-omic studies of asthma severity in an African ancestry population	\$694,036
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI137881	Designing a mimotope-based vaccine for peanut allergy	\$194,375
2019	NATIONAL JEWISH HEALTH	CO	R01AI135194	Regulation of Gene Expression in the anaphylactic Pathway	\$680,100
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI139103	The Role of Type VI Secretion in Cholera Pathogenesis	\$587,127
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI141452	The influence of evolutionary landscapes on protective antibody development	\$641,818
2019	NATIONAL JEWISH HEALTH	CO	R21AI132827	Regulation of innate immunity by a novel protein interaction network	\$244,750
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI142483	Islet Autoimmunity Reversion as a Model of T1D Resiliency	\$272,125
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI145248	Antibodies as Drugs: New Horizons in the Therapeutic Use of Engineered Antibodies	\$5,000
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI147695	Microbiome: Therapeutic Implications	\$17,500
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141662	Persistent Post-Viral State of Bacterial Pneumonia Susceptibility and Severity in Down Syndrome	\$388,750
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135397	Designing peptides to block Ara h 2 and Ara h 6 from binding to IgE	\$232,973
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$635,263
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI131662	NK cell IL-10 production during bacterial infections	\$572,093
2019	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI116993	Ultrarapid culture-independent detection of high-priority carbapenem resistant Enterobacteriaceae directly from blood	\$891,241
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140635	Tuberculosis: Mechanisms, Pathogenesis and Treatment	\$12,500
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	\$388,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	\$128,250
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134220	Role of Type I IFNs in Mucosal HIV-1 Immunity and Pathogenesis	\$549,857
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133110	A Novel Approach to Evaluate Genetic Variants in Primary Antibody Deficiency	\$194,375
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI132419	Dissecting the pathways controlling tunable responses to TCR signaling	\$533,763
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI131215	Iron-dependence of clofazimine activity in mycobacteria	\$239,247
2019	NATIONAL JEWISH HEALTH	CO	R21AI138029	Regulation of Humoral Immunity by SR Protein Kinase 3	\$204,583
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135339	Role of mCD1D2 in iNKT cell development and functions	\$187,532
2019	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI147693	The 19th Annual Meeting of the Rocky Mountain Virology Association	\$8,500
2019	COLORADO STATE UNIVERSITY	CO	R03AI137630	Understanding bacterial localization and protein dynamics as indicators during tuberculosis treatment efficacy	\$76,000
2019	NATIONAL JEWISH HEALTH	CO	R01AI125553	Regulation of T Cell Extravasation and Activation by Ena/Vasp Proteins	\$396,250
2019	COLORADO STATE UNIVERSITY	CO	R21AI137954	Reptiles and Amphibians as Reservoir and Overwintering Hosts for Arboviruses	\$190,000
2019	COLORADO STATE UNIVERSITY	CO	R21AI144344	Mycobacterium tuberculosis methylglucose lipopolysaccharides	\$190,000
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143056	Molecular Approaches to Vaccines and Immune Monitoring	\$6,000
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F30AI140615	Endogenous RNA cleavage products that activate the RIG-I dependent interferon response	\$33,055
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI117918	Lymphatic endothelial cell capture and maintenance of antigen	\$382,645
2019	COLORADO STATE UNIVERSITY	CO	R01AI123136	Flavivirus non-coding RNAs and the Host mRNA Decay Machinery	\$372,709
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI131360	Tregs, Gut Microbiome and Immune Responses in HIV-Exposed and Unexposed Infants	\$449,834
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI126899	Molecular and cellular basis of Combined Adjuvant-Elicited Cellular Immunity	\$488,140
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI139839	Creation of a Generalizable ED-based Antimicrobial Stewardship Program Using Electronic Health Record Clinical Decision Support	\$183,735
2019	NATIONAL JEWISH HEALTH	CO	R01AI141389	Neutrophil Nox2 controls mononuclear cell functions in inflammation; role in CGD	\$628,494
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI136520	Molecular determinants of oxidative stress in Salmonella pathogenesis	\$432,090

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2019	OP-T-MUNE INC	CO	R42AI131784	Developing a Small Peptide to Control Autoimmune Inflammation In Type 1 Diabetes	\$1,000,000
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI140044	Stress induced changes to the human beta cell proteome	\$233,250
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI142987	Innate Immune Receptors: Roles in Immunology and Beyond	\$16,200
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121209	Cooperation between lymphatic stroma and hematopoietic cells shapes protective immunity	\$385,420
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114054	Chromatin diminution in nematodes	\$488,485
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI145453	New Pharmacologic Measures of ART Adherence and Exposure: Pathway to Clinical Implementation	\$731,139
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI116603	APOBEC3/Rfv3 and Immunoglobulin Somatic Hypermutation	\$493,499
2019	COLORADO STATE UNIVERSITY	CO	R01AI120670	Aerosol spectinomamide-1599 therapy against tuberculosis	\$729,832
2019	COLORADO STATE UNIVERSITY	CO	R01AI123234	Modeling the molecular evolution of SIV to HIV using humanized mice	\$477,946
2019	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$5,849,626
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133059	T cells reactive to Hybrid Insulin Peptides (HIPs) as biomarkers in autoimmune diabetes	\$233,250
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141490	Regulation of Staphylococcus aureus colonization and disease	\$387,847
2019	COLORADO STATE UNIVERSITY	CO	R21AI144662	Modulation of immunity to tuberculosis through vitamin A-dependent nuclear receptors	\$190,000
2019	COLORADO STATE UNIVERSITY	CO	R01AI141656	Host Metabolic Biosignatures for the Diagnosis of Lyme Disease	\$781,156
2019	NATIONAL JEWISH HEALTH	CO	K08AI141734	Mechanisms of AIRE SAND-Domain Variants in Autoimmunity	\$184,788
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI150305	Understanding Down Syndrome as an Interferonopathy	\$2,830,725
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$451,617
2019	COLORADO STATE UNIVERSITY	CO	U01AI115619	Biology and Biosignatures of Anti-Tuberculosis Treatment Response	\$590,863
2019	NATIONAL JEWISH HEALTH	CO	UM1AI130780	National Jewish Health CoFAR Clinical Research Unit	\$234,998
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI137011	Host genetic barriers to virus spillover	\$403,229
2019	NATIONAL JEWISH HEALTH	CO	U01AI122269	Treatment of CGD with the PPAR-gamma agonist, pioglitazone, enhances phagocyte anti-inflammatory and antimicrobial responses	\$168,825
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI136534	Humoral Immunity by Anergic B cells	\$510,564

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2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141479	Mechanistic basis of bacteriophages for the decolonization of vancomycin resistant enterococci in the intestine.	\$454,151
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI143062	Allergic Diseases	\$9,600
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$460,280
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$388,750
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K22AI143922	Bacterial-driven immune suppression in the lung	\$162,000
2019	NATIONAL JEWISH HEALTH	CO	R03AI139822	Chd3 Conditional Knockout Mice: A New Tool for Studies of Lymphocyte Epigenetics	\$81,333
2019	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$420,437
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121253	Targeting chemosensory signaling in Aedes aegypti mosquitoes	\$484,885
2019	COLORADO SCHOOL OF MINES	CO	R21AI138214	Airborne delivery of microbots for chemical and mechanical attack of pulmonary biofilms	\$228,150
2019	COLORADO STATE UNIVERSITY	CO	R01AI132668	Mechanism of Flavivirus RNA Capping	\$374,993
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI140499	Myeloid cell IFNGR regulation in persistent viral and secondary bacterial infections	\$190,645
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI135473	Dissect Cytolytic Granule Secretion in Cytotoxic T Lymphocytes Using CRISPR Genetic Screens	\$77,000
2019	COLORADO STATE UNIVERSITY	CO	R01AI132680	Validation of urine/serum LAM in HIV/nonHIV TB suspects and POC Test Development	\$590,576
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI135581	CCA-containing Hydrogels as a Novel Platform for Label-free Zika Detection	\$180,420
2019	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$462,000
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140576	B Cell-T Cell Interactions	\$16,200
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI141919	PERSISTENCE OF PROTECTION CONFERRED BY SHINGRIX AGAINST HERPES ZOSTER IN OLDER ADULTS	\$729,245
2019	COLORADO STATE UNIVERSITY	CO	R21AI146740	Surveillance of mosquito and arbovirus dispersal using smart microcrystals	\$220,304
2019	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI145246	Positive-Strand RNA Viruses	\$7,000
2019	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI132907	Autoantibodies to hybrid insulin peptides in type 1 diabetes	\$233,250
2019	NATIONAL JEWISH HEALTH	CO	K01AI125726	Genetic Epidemiology of Nontuberculous Mycobacteria for Predicting Host Specificity and Lung Disease Outcomes	\$111,420

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	COLORADO STATE UNIVERSITY	CO	F31AI134108	Temperature dependent impacts of RNA virus population evolution	\$35,692
2019	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$418,750
2019	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$576,952
2019	YALE UNIVERSITY	CT	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$344,012
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI119015	Cytosolic Immune Surveillance During Bacterial Infections	\$394,808
2019	UNIVERSITY OF CONNECTICUT	CT	R01AI118943	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$385,998
2019	YALE UNIVERSITY	CT	R01AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$418,750
2019	YALE UNIVERSITY	CT	K01AI119603	Improving the control of multidrug-resistant tuberculosis through targeted screening and use of novel anti-tuberculosis drugs	\$128,628
2019	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	\$417,195
2019	YALE UNIVERSITY	CT	R01AI127642	Targeting of somatic hypermutation in the genome	\$418,750
2019	YALE UNIVERSITY	CT	R01AI150560	HIV-1 Env structure and function assessed by parallel smFRET and cryoET	\$854,998
2019	YALE UNIVERSITY	CT	K08AI128043	Role of virus-receptor interactions in determining norovirus tropism and pathogenesis in vivo	\$327,825
2019	YALE UNIVERSITY	CT	R01AI127865	The role of NLRP6 and DHX15 in control of infection by RNA viruses	\$418,750
2019	YALE UNIVERSITY	CT	R01AI130068	Pathogenesis of Borrelia miyamotoi infection and Lyme coinfection in mice	\$418,750
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI132526	The role of UBXNs in antiviral immunity	\$656,619
2019	YALE UNIVERSITY	CT	R21AI136737	Comparative structure and function analyses of human and mouse SAMHD1 proteins	\$244,677
2019	YALE UNIVERSITY	CT	R01AI145164	T cell-targeted lentiviral vectors with Cas9/RNP for the in vivo gene therapy of HIV-AIDS	\$683,236
2019	PARKSIDE SCIENTIFIC INC	CT	R43AI145421	New Epigenetic Therapy for Multiple Sclerosis	\$299,983
2019	L2DIAGNOSTICS, LLC	CT	R41AI145779	Immunization with mosquito AgTRIO protein to prevent malaria	\$298,944
2019	YALE UNIVERSITY	CT	R01AI146584	Evolutionary multispecies transcriptomics to reveal genes that govern fungal spore germination and pathogenesis	\$838,160
2019	YALE UNIVERSITY	CT	U01AI145965	PNA Nanoparticles for Gene Editing In Vivo	\$421,111
2019	YALE UNIVERSITY	CT	F30AI145102	Investigating the role of IgE independent mast cell responses in allergic sensitization	\$29,826
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$540,337

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2019	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$499,927
2019	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$544,169
2019	YALE UNIVERSITY	CT	R01AI112970	Model-guided assessment of rotavirus vaccine impact in developing countries	\$371,943
2019	YALE UNIVERSITY	CT	R01AI123321	Development of endochin-like quinolones for babesiosis therapy	\$660,513
2019	YALE UNIVERSITY	CT	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$804,465
2019	YALE UNIVERSITY	CT	R01AI126033	The role of tick gut microbiota in Borrelia burgdorferi transmission to mice	\$412,000
2019	YALE UNIVERSITY	CT	R01AI127429	B cell based protection against recurrent herpes	\$418,750
2019	YALE UNIVERSITY	CT	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,451,489
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI139891	Test if antitumor T cells use a putative super-enhancer in the Il1rl2-Il1rl1 intergenic region to form "innate-like" responses to cytokines	\$239,250
2019	YALE UNIVERSITY	CT	R21AI135562	Mechanisms of Autoimmune Diabetes in Patients Treated with Immune checkpoint Inhibitors	\$125,625
2019	YALE UNIVERSITY	CT	F31AI145454	Tenofovir inhibition of human mitochondrial polymerase PrimPol and mechanisms of antiviral therapy-driven nephrotoxicity	\$33,226
2019	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$536,203
2019	YALE UNIVERSITY	CT	F32AI143141	The role of bitter taste sensing in food allergies	\$68,246
2019	YALE UNIVERSITY	CT	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$999,552
2019	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$436,017
2019	YALE UNIVERSITY	CT	R21AI142198	Novel Approaches for Investigating the Pathology of Myasthenia Gravis Autoantibodies	\$223,676
2019	YALE UNIVERSITY	CT	R21AI133060	Mechanisms of peripheral B cell differentiation and homeostasis	\$209,375
2019	YALE UNIVERSITY	CT	F30AI138473	Complement Induces Inflammasome Assembly in Human Endothelium: Mechanisms and Consequences for Graft Rejection	\$29,766
2019	UNIVERSITY OF CONNECTICUT	CT	R21AI140734	Targeting Glycolytic Enzymes as an Antibacterial Strategy	\$199,375
2019	YALE UNIVERSITY	CT	R21AI135477	TRANSMIT: Tracking Antimalarial Resistance in Mosquito Populations	\$245,945
2019	YALE UNIVERSITY	CT	R01AI138141	Novel roles for the DNA damage response kinase CHK1 in TCR/ITAM signaling	\$519,029
2019	YALE UNIVERSITY	CT	R01AI141009	Role of clonal expansion in HIV-1 persistence	\$622,351

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2019	YALE UNIVERSITY	CT	R21AI142243	Exploring the role of staphylococcal superantigens in immune evasion and persistence of Staphylococcus aureus biofilms using humanized mouse models	\$251,250
2019	YALE UNIVERSITY	CT	R21AI146648	Lymphopoietic niche editing by B-lineage leukemic cells and its implications for B cell progenitor and leukemic cell growth	\$251,250
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F30AI143125	Understanding the Protein-Protein Interactions Important for the Initiation of HSV-1 DNA Synthesis	\$39,146
2019	YALE UNIVERSITY	CT	R01AI032524	Mechanism and Targeting of V(D)J Recombination	\$465,511
2019	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$638,055
2019	YALE UNIVERSITY	CT	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	\$626,854
2019	YALE UNIVERSITY	CT	R01AI120369	Mechanisms Regulating Innate Immune Responses	\$418,750
2019	YALE UNIVERSITY	CT	R01AI123208	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	\$630,924
2019	UNIVERSITY OF CONNECTICUT	CT	R01AI123131	Transplantation of ESC-derived thymic epithelial progenitors expressing autoantigen(s) ameliorating experimental autoimmune encephalomyelitis	\$395,000
2019	YALE UNIVERSITY	CT	U01AI115648	Control of Tsetse Fly Transmitted Diseases in Kenya	\$825,920
2019	YALE UNIVERSITY	CT	R01AI131518	Hepatitis C virus genome structure: dynamic roles in replication and infectivity	\$575,125
2019	YALE UNIVERSITY	CT	R33AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	\$493,003
2019	YALE UNIVERSITY	CT	R21AI126158	Structural and Functional Characterization of the Salmonella Typhimurium Type III Secretion System Sorting Platform	\$209,375
2019	L2DIAGNOSTICS, LLC	CT	R41AI142846	A novel vaccine against mosquito-borne Zika virus based on mosquito salivary gland protein AgBR1	\$299,888
2019	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$374,625
2019	YALE UNIVERSITY	CT	R01AI137060	Thrombocyte Regulation of Anti-Parasite Immunity	\$418,750
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI139940	Borrelia burgdorferi oligopeptide (Opp) transporter control of cellular homeostasis and growth	\$199,375
2019	UNIVERSITY OF CONNECTICUT	CT	R21AI142363	Ring Expanded Glycomimetic FimH Antagonists as Lead Compounds for anti-UTI Therapies	\$225,659
2019	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$760,910
2019	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$232,367
2019	YALE UNIVERSITY	CT	R01AI116313	Recognition of Viral DNA by APOBEC3 Proteins and their Antagonization by HIV Vif	\$414,708
2019	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$502,498
2019	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$418,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	YALE UNIVERSITY	CT	R21AI142145	Pathogenic Lymphocytes in Lupus Nephritis	\$237,413
2019	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$416,250
2019	YALE UNIVERSITY	CT	R01AI123204	Effectiveness of HPV Vaccine by Age at Immunization as Used in Clinical Practice	\$439,713
2019	UNIVERSITY OF CONNECTICUT	CT	R01AI125291	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$237,746
2019	YALE UNIVERSITY	CT	R21AI136017	Combined Human Myeloid and Lymphoid Engraftment in MISTRG Mice for Transplantation Research	\$209,375
2019	YALE UNIVERSITY	CT	R21AI135799	Determining the Health Burden of Borrelia Miyamotoi with a Next-Gen Diagnostic Assay	\$261,608
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI135128	Multiscale modeling of the battle over iron in invasive lung infection	\$600,167
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI136955	IRAK4 and Systemic Lupus Erythematosus	\$398,750
2019	CENTRAL CONNECTICUT STATE UNIVERSITY	CT	R03AI144350	Gene assignment for and initial immunogenetic characterization of the curly whiskers (cw) mutation in mice.	\$67,654
2019	L2DIAGNOSTICS, LLC	CT	R43AI148228	Development of A Narrow Spectrum Anti-Tubercular Agent	\$299,661
2019	YALE UNIVERSITY	CT	R01AI120558	Expanding the Sensing Abilities of Virulence Regulatory Systems	\$551,094
2019	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$2,546,320
2019	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$570,845
2019	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$449,991
2019	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$316,395
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI142149	The basic functions of Trypanosoma brucei's two introns	\$203,750
2019	YALE UNIVERSITY	CT	R01AI132452	Emerging benzimidazole resistance in human hookworms	\$403,875
2019	YALE UNIVERSITY	CT	R01AI121183	Mechanisms regulating fetal membrane and neutrophil responses to polymicrobial infection	\$566,647
2019	YALE UNIVERSITY	CT	R01AI122220	Genomics of NF- κ B-mediated gene regulation in multiple sclerosis	\$729,582
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI135528	Characterization of noncanonical inflammasome-mediated release of alarmins	\$199,375
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI135451	Oxidation is a trigger for PML multimerization and Nuclear Body formation in HSV infected cells	\$236,486
2019	YALE UNIVERSITY	CT	R01AI137079	Function and Evolutionary Origins of the RAG Endonuclease	\$525,311
2019	YALE UNIVERSITY	CT	R01AI136942	Immune mechanisms regulating allergy	\$610,601
2019	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$119,588

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	YALE UNIVERSITY	CT	R21AI137935	IgA-Glycosylation: Mediator of Microbial Homeostasis and Intestinal Health?	\$251,250
2019	YALE UNIVERSITY	CT	R21AI144345	Understanding the genetic, evolutionary, and ecological interactions between drug resistance and phage resistance	\$241,610
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U19AI144177	A Global Syphilis Vaccine Targeting Outer Membrane Proteins of <i>Treponema pallidum</i> .	\$2,334,857
2019	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$557,505
2019	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$446,265
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI123864	Cellular Mechanisms of Viral Control	\$401,242
2019	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$418,750
2019	YALE UNIVERSITY	CT	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$391,875
2019	YALE UNIVERSITY	CT	R21AI142316	Generation of Macrophage Activation State-Specific Genetic Tools by A Synthetic Biology Approach	\$251,250
2019	YALE UNIVERSITY	CT	K08AI119139	Cell Death and Cross-Protection in Rhinovirus Infection	\$195,588
2019	YALE UNIVERSITY	CT	R01AI131613	Role of Hofbauer Cells in Fetal Infection/Inflammation	\$413,817
2019	UNIVERSITY OF CONNECTICUT	CT	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	\$402,500
2019	YALE UNIVERSITY	CT	F31AI131531	Using intrabodies to identify determinants of intrinsic antibiotic resistance in <i>Pseudomonas aeruginosa</i>	\$29,736
2019	YALE UNIVERSITY	CT	R21AI130671	Functional and structural analysis of the <i>Legionella pneumophila</i> Dot/Icm apparatus	\$209,375
2019	L2DIAGNOSTICS, LLC	CT	R43AI136546	Therapeutic Inhibition of MIF to Improve Glucocorticoid Response	\$154,035
2019	YALE UNIVERSITY	CT	R01AI137093	Predicting and monitoring variations in the effects of vaccines against RSV	\$448,083
2019	YALE UNIVERSITY	CT	R01AI144152	Role of GDF15 in the Regulation of Host Tolerance to Inflammation	\$418,750
2019	YALE UNIVERSITY	CT	R01AI142624	Circadian Rhythms and Innate Immune Response in Aging	\$502,500
2019	YALE UNIVERSITY	CT	R01AI122448	B Cell Memory Regulation by Bone Morphogenetic Protein Receptor 1A	\$414,642
2019	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$3,098,137
2019	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$502,500
2019	YALE UNIVERSITY	CT	R01AI114760	Biogenesis of the <i>Coxiella</i> -containing vacuole	\$417,024
2019	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$552,900
2019	YALE UNIVERSITY	CT	K08AI128745	Regulation of Metabolic Programs for Host Tolerance to Inflammation	\$157,137

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2019	YALE UNIVERSITY	CT	R01AI121207	Naturally-Acquired and Vaccine-Mediated Immunity to Leptospirosis	\$662,216
2019	YALE UNIVERSITY	CT	U01AI132895	Ex Vivo Nanoparticle Drug Delivery Targeted to Human Renal Allograft Endothelium	\$418,750
2019	YALE UNIVERSITY	CT	R21AI142463	RNA Pseudouridylation During Flavivirus Infection	\$251,250
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI132850	Bacterial modulation of noncanonical inflammasome	\$398,750
2019	YALE UNIVERSITY	CT	R01AI136794	Exploiting Riboswitch Sensors to Reveal Antibiotics Uptake and Retention in Gram Negative Bacteria	\$1,135,599
2019	YALE UNIVERSITY	CT	R21AI136768	Helper-dependent adenoviral vectors for targeted in vivo gene delivery to both CD4 T cells and hematopoietic progenitors	\$251,250
2019	YALE UNIVERSITY	CT	R01AI132409	Population genomics of a globally distributed arbovirus vector, Aedes albopictus	\$617,652
2019	YALE UNIVERSITY	CT	R01AI139525	Molecular Aspects of Tsetse and Trypanosome Transmission	\$849,625
2019	THETIS PHARMACEUTICALS LLC	CT	R43AI145455	Development of TP-317 for the Treatment of Eosinophilic Esophagitis	\$293,722
2019	YALE UNIVERSITY	CT	F30AI129265	Cell-intrinsic mechanisms of endogenous retroviral control	\$50,016
2019	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$454,514
2019	L2DIAGNOSTICS, LLC	CT	R41AI145778	Targets of Acquired Tick-Resistance As Anti-Tick Vaccines	\$299,999
2019	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI143272	Targeting viral alkaline nucleases for the development of broad spectrum anti-herpesvirus therapeutics	\$260,500
2019	GEORGETOWN UNIVERSITY	DC	R01AI132389	UPIT: Unleash the Potential of Intestinal Transplantation	\$479,946
2019	INTERNATIONAL AIDS SOCIETY	DC	R13AI145466	10th IAS Conference on HIV Science (IAS 2019), Mexico City, Mexico, 21-24 July 2019	\$750,000
2019	GEORGETOWN UNIVERSITY	DC	R01AI137403	Nutritional regulation of pathogenesis in Staphylococcus aureus	\$412,349
2019	GEORGETOWN UNIVERSITY	DC	R21AI144266	Evolution of non-biting in mosquito disease vectors	\$217,734
2019	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$377,500
2019	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI130184	Psychosocial Adjustment and Adherence among Youth with Food Allergy	\$132,609
2019	CHILDREN'S RESEARCH INSTITUTE	DC	R13AI145749	International Workshop on HIV & Women	\$25,000
2019	GEORGETOWN UNIVERSITY	DC	R21AI142649	New mechanism of cellular protein oxidation	\$233,250
2019	GEORGETOWN UNIVERSITY	DC	R21AI130800	Protective and Proinflammatory Immunological Mechanisms behind Liver Ischemia Reperfusion Injury in Marginal Livers	\$205,066

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2019	GEORGETOWN UNIVERSITY	DC	R01AI145549	The impact of HIV driven T cell immune activation in angiogenic CD8 T cell function: the role of PAR1 signaling	\$385,698
2019	CHILDREN'S RESEARCH INSTITUTE	DC	R38AI140298	Children's National Stimulating Access to Research in Residency (CNStARR) Program (NIAID)	\$376,392
2019	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$413,757
2019	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$2,234,831
2019	UNIVERSITY OF DELAWARE	DE	R21AI142317	Characterization of Legionella effectors targeting host membrane compartments	\$226,857
2019	UNIVERSITY OF DELAWARE	DE	R03AI136710	Evidence of cryptic replication in dolutegravir intensification data	\$77,652
2019	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$551,272
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$695,863
2019	UNIVERSITY OF MIAMI	FL	R01AI123258	Serum miRNA Biomarkers of Islet Autoimmunity	\$740,959
2019	UNIVERSITY OF MIAMI	FL	R01AI128782	Mucosal mechanisms of altered HIV susceptibility in adolescents	\$503,011
2019	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI125785	Enterolactone and asthma	\$192,839
2019	UNIVERSITY OF MIAMI	FL	R01AI130009	Role of Yersinia pestis Ail-host ligand interactions in plague	\$454,125
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI139242	Molecular Analysis of the Chlamydia trachomatis virulence factor Tarp	\$614,143
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI144481	Novel membrane remodeling systems in Actinobacteria and their role in antibiotic resistance	\$222,738
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$145,490
2019	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$422,604
2019	UNIVERSITY OF MIAMI	FL	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$76,921
2019	UNIVERSITY OF FLORIDA	FL	R01AI108407	Role of MHV68 miRNAs in latency and pathogenesis	\$389,360
2019	UNIVERSITY OF MIAMI	FL	F31AI124629	IL-2 Dependent Processes in Regulatory T cells	\$50,016
2019	FLORIDA STATE UNIVERSITY	FL	R01AI119178	Membrane Protein Structures and Interactions in the M. tuberculosis Divisome	\$670,880
2019	UNIVERSITY OF FLORIDA	FL	R01AI128750	Cholera persistence, transmission, and clinical illness in Haiti	\$712,682
2019	UNIVERSITY OF MIAMI	FL	R01AI110810	Killing of intracellular bacteria by Perforin-2	\$436,109
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI132711	Multivalent vaccines against Clostridium difficile infection	\$379,803
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI142140	Identifying mosquito olfactory receptors for human odor by measuring mRNA expression levels	\$215,298
2019	UNIVERSITY OF FLORIDA	FL	R03AI135579	Dissecting the Mechanism of a Phage-encoded Clamp Loader Inhibitor	\$76,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI135296	Point-of-sampling detection of Lyme and other tick-borne diseases	\$185,000
2019	THE ROSKAMP INSTITUTE INC	FL	R21AI142717	Application of lipidomics to identify biomarkers of immune and mitochondrial disturbances in Chronic Fatigue Syndrome.	\$212,268
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI146647	Control of CD4 T cell effector function and tissue-resident memory fate by the transcription factor Eomes	\$223,500
2019	UNIVERSITY OF FLORIDA	FL	R03AI135610	Function and protein cargo of exosomes in antigen presenting cells during Salmonella infection	\$70,090
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI148374	Toxoplasma gondii cAMP-dependent kinase PKAc3 regulation of bradyzoite formation	\$224,250
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	K22AI141582	Genomic epidemiology of Staphylococcus aureus among Native American populations in Southwestern United States	\$161,914
2019	UNIVERSITY OF FLORIDA	FL	F31AI140713	Phenotypic analyses of HSV-1 miRNAs: H1, H6, & H8	\$39,796
2019	UNIVERSITY OF FLORIDA	FL	R01AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	\$477,833
2019	UNIVERSITY OF FLORIDA	FL	R01AI128901	Targeting follicular helper CD4 T cells in SLE	\$381,250
2019	SPECIFIC DIAGNOSTICS LLC	FL	R44AI128777	Combining faster detection with ID: a new paradigm for mycobacterial culture	\$983,752
2019	UNIVERSITY OF MIAMI	FL	R01AI123048	Antibody Responses in Aging SIV Infected Monkeys	\$733,027
2019	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$1,945,212
2019	UNIVERSITY OF MIAMI	FL	U01AI125057	Low-dose IL-2 in Established T1D	\$1
2019	UNIVERSITY OF FLORIDA	FL	R21AI130656	Genetic control of autoimmune diabetes inducing cytotoxic T cells	\$184,365
2019	UNIVERSITY OF FLORIDA	FL	R21AI135158	Regulatory Nucleotides of Enterococcus faecalis	\$190,625
2019	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI137768	Point-of-sampling detection of Human Papillomavirus (HPV)	\$185,000
2019	UNIVERSITY OF MIAMI	FL	R21AI136898	The Role of Exosomes and Exosomal RNAs as Biomarkers and Mediators for HIV-Associated Atherosclerosis	\$191,875
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI135469	Understanding mosquito ovary dynamics and reproductive fitness using Mass Spectrometry Imaging	\$219,750
2019	UNIVERSITY OF MIAMI	FL	R01AI138718	Mechanisms underlying recurrent bacterial vaginosis and HIV risk A Multidisciplinary approach	\$735,069
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI144374	Novel long noncoding RNAs in the airway mucous response	\$234,349
2019	UNIVERSITY OF FLORIDA	FL	R01AI132391	Regulation of Gut Innate Lymphoid Cells by Ahr	\$524,801
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI146368	Analysis of vascular Galectin-9 as an immunomodulator of B-cell activity	\$179,670
2019	UNIVERSITY OF FLORIDA	FL	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$298,442

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2019	UNIVERSITY OF FLORIDA	FL	R01AI130185	Next-generation combination dosing strategies to combat resistant Acinetobacter baumannii	\$688,839
2019	UNIVERSITY OF FLORIDA	FL	R01AI116892	Role of Intestinal Bacteria in Human Norovirus Infection	\$368,455
2019	UNIVERSITY OF FLORIDA	FL	R01AI114703	LINKING ANTIGENIC & GENETIC VARIATION OF DENGUE TO INDIVIDUAL AND POPULATION RISK	\$631,194
2019	UNIVERSITY OF FLORIDA	FL	R01AI123244	Mucosal Vaccines for Brucellosis	\$411,989
2019	UNIVERSITY OF FLORIDA	FL	R01AI133623	Tolerogenic dual microparticle system for treatment of multiple sclerosis	\$520,957
2019	UNIVERSITY OF MIAMI	FL	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$724,319
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI143052	Discovery of Novel Antimalarial Compounds from Fungi	\$198,861
2019	EMMUNE INC	FL	R44AI134269	Development of AAV vectors for long-term expression of eCD4-Ig	\$999,675
2019	UNIVERSITY OF FLORIDA	FL	R01AI126357	Cholera transmission and evolution in Port-au-Prince, Haiti	\$1,093,897
2019	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI137721	High throughput screening for anti-adhesion drugs against placental and cerebral malaria	\$253,125
2019	UNIVERSITY OF FLORIDA	FL	R21AI132865	Mechanisms of STING-dependent IFN γ production during pulmonary pneumococcal infection	\$189,067
2019	UNIVERSITY OF FLORIDA	FL	R01AI132554	Viral and host strategies for regulation of KSHV infection	\$381,250
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI130171	Discovering the essential genome of Plasmodium falciparum	\$777,166
2019	MAYO CLINIC JACKSONVILLE	FL	R21AI145356	Role of viral mitophagosomes in driving sex differences in myocarditis	\$340,625
2019	UNIVERSITY OF FLORIDA	FL	R01AI138554	Cholera in Goma, DRC	\$766,312
2019	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$519,844
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI123245	Community-directed vector control to enhance mass drug administration for onchocerciasis elimination in Africa	\$520,781
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI117017	Chemogenomic Profiling of Plasmodium falciparum Drug Responses and Resistance	\$688,697
2019	UNIVERSITY OF FLORIDA	FL	R01AI112680	Heterologous polysaccharide synthesis in attenuated Salmonella	\$350,553
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI128940	Molecular Mechanisms of Artemisinin Resistance	\$367,602
2019	UNIVERSITY OF FLORIDA	FL	K08AI116980	Heterologous immunity and host susceptibility to emerging alphaviral infections	\$180,900
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124682	Developmental switches regulating tissue cyst formation	\$546,310
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122760	Studies of DNA Licensing in Apicomplexa Parasites	\$526,152

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2019	UNIVERSITY OF FLORIDA	FL	R21AI137446	Significance of metal homeostasis to bacterial pathogenesis in chronic wounds	\$190,625
2019	UNIVERSITY OF FLORIDA	FL	R01AI118999	Regulation of Staphylococcus aureus physiology by bacterial nitric oxide	\$328,150
2019	UNIVERSITY OF MIAMI	FL	R01AI131648	Low dose IL-2 and human regulatory T cells	\$603,337
2019	UNIVERSITY OF MIAMI	FL	R01AI134903	Mucosal surface and skin protection by MHC class I-based immune regulation	\$383,750
2019	UNIVERSITY OF MIAMI	FL	R01AI052056	The functional significance of CTL escape	\$1,306,772
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI147654	Novel inhibitor discovery against Pseudomonas aeruginosa PBP3	\$224,250
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R03AI146909	Virulence-associated genes in the Lyme disease spirochete	\$74,750
2019	UNIVERSITY OF FLORIDA	FL	R33AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	\$513,000
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI131398	Discovery of Antimalarials with Novel Mechanism of Action	\$370,631
2019	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$583,538
2019	UNIVERSITY OF MIAMI	FL	R01AI127347	Immunity and HIV persistence in perinatal HIV infection	\$652,055
2019	SPECIFIC DIAGNOSTICS LLC	FL	R44AI131963	Rapid Low Cost Phenotypic Antibiotic Susceptibility Testing.	\$996,128
2019	UNIVERSITY OF FLORIDA	FL	R01AI125516	Naso-oropharyngeal Brucella Infections and Mucosal Immune Protection	\$377,094
2019	UNIVERSITY OF FLORIDA	FL	R01AI123300	Peptidoglycan Assembly, Degradation, and Function in Pathogenic Chlamydia	\$381,250
2019	UNIVERSITY OF FLORIDA	FL	R21AI138815	HIV Dynamic Modelling for Identification of Transmission Epicenters (HIV-DYNAMITE)	\$190,625
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI137056	The "Disaggregase" Mechanism of Holotoxin Disassembly by Protein Disulfide Isomerase	\$367,166
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI135172	Development of a Tool Kit for Human Filarial Transfection	\$186,875
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI130707	Determining the Influence of the Delta-Subunit on Bacterial RNA Polymerase	\$185,401
2019	UNIVERSITY OF FLORIDA	FL	R01AI143313	Gut dysbiosis and tryptophan metabolism in lupus	\$472,859
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI139827	Molecular mechanisms regulating leukocyte trafficking	\$224,250
2019	UNIVERSITY OF FLORIDA	FL	R21AI140012	The impact of human norovirus interactions on commensal bacteria	\$219,518
2019	FLORIDA STATE UNIVERSITY	FL	R01AI146342	Perturbation of Host DNA Replication and Cell Cycle Progression by Zika Virus	\$378,998
2019	UNIVERSITY OF FLORIDA	FL	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	\$451,846
2019	UNIVERSITY OF MIAMI	FL	F30AI147881	Retargeting cytotoxic T lymphocytes in HIV/SIV infection to kill infected cells	\$50,016

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2019	EMMUNE INC	FL	R44AI145491	Improving the pharmacokinetics, potency, and immunogenicity of eCD4-Ig	\$300,000
2019	UNIVERSITY OF FLORIDA	FL	R01AI121430	Rapid Identification of Optimal Combination Regimens for Pseudomonas aeruginosa	\$932,445
2019	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$731,021
2019	UNIVERSITY OF FLORIDA	FL	R01AI128074	Restoring Immune Tolerance in a Model of Multiple Sclerosis	\$381,250
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124458	The Role and Regulation of Extracellular Proteases in Staphylococcus aureus	\$428,349
2019	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI125657	Fungal metabolites block malaria transmission	\$527,190
2019	UNIVERSITY OF FLORIDA	FL	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$310,823
2019	UNIVERSITY OF MIAMI	FL	F30AI134381	Virologic determinants of HIV elite control	\$50,016
2019	UNIVERSITY OF FLORIDA	FL	R01AI139761	Design and Analysis of Vaccine Trials for Emerging Infectious Disease Threats	\$714,696
2019	UNIVERSITY OF FLORIDA	FL	R01AI136803	Combating resistant superbugs by understanding the molecular determinants of target site penetration and binding	\$1,134,590
2019	UNIVERSITY OF FLORIDA	FL	R01AI141810	Developing Computational Methods for Surveillance of Antimicrobial Resistant Agents	\$450,459
2019	Z-QUICK, LLC	FL	R41AI141273	Rapid Development of a Highly Specific Dengue Diagnostic Test	\$299,938
2019	UNIVERSITY OF SOUTH FLORIDA	FL	U19AI089672	Southeast Asia Malaria Research Center	\$2,004,940
2019	FLORIDA ATLANTIC UNIVERSITY	FL	R56AI138659	Highly Sensitive HIV Viral Load Assay for Point-of-Care Settings	\$377,971
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI142330	Multiplexed rRT-PCR detection of Zika, dengue, and chikungunya directly from whole blood using an innovative integrated syringe	\$216,230
2019	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI149852	Novel polymer biomaterials combating C. difficile infection	\$373,750
2019	UNIVERSITY OF FLORIDA	FL	R01AI141478	Suppression of Enteric Norovirus Infection by Microbiota-Regulated Bile Acids	\$562,595
2019	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$743,160
2019	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,343,589
2019	UNIVERSITY OF FLORIDA	FL	P01AI123036	Optimizing Combination Therapy to Accelerate Clinical Cure of Tuberculosis	\$2,710,457
2019	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$481,490
2019	UNIVERSITY OF MIAMI	FL	R01AI142669	Immune correlates of LTBI in HIV-exposed infants	\$650,269

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF FLORIDA	FL	R56AI143293	Extracellular vesicle biogenesis and Leishmania lesion development	\$382,663
2019	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$445,631
2019	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$4,129,580
2019	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$837,597
2019	GEORGIA TECH RESEARCH CORPORATION	GA	U01AI124270	Effect of presentation methods on the molecular mechanism of combinatorial adjuvants	\$523,574
2019	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$402,672
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125487	Role of African Trypanosome Extracellular Vesicles in Infection and Pathogenesis	\$375,000
2019	EMORY UNIVERSITY	GA	R01AI134244	Innate-adaptive crosstalk in protective and vaccine-induced immunity to TB	\$738,657
2019	EMORY UNIVERSITY	GA	R01AI127799	Host dependence of influenza A virus reassortment	\$616,281
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$355,000
2019	EMORY UNIVERSITY	GA	R38AI140299	Emory R38 Research Training Program	\$344,760
2019	EMORY UNIVERSITY	GA	K22AI137306	Seroepidemiologic risk for congenital Zika syndrome and adaptive immunity of fetal infection	\$107,576
2019	EMORY UNIVERSITY	GA	F31AI145178	Mechanisms of Selective CD28 Blockade on T Follicular Helper Cell Responses During Transplantation	\$45,016
2019	EMORY UNIVERSITY	GA	T32AI138952	Infectious Diseases Across Scales Training Program	\$96,835
2019	EMORY UNIVERSITY	GA	F31AI145750	Subtype Differences in HIV-1 Transmitted Founder Viruses	\$45,016
2019	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI146592	Synergistic control of acute respiratory pathogens by bacteriophage and the innate immune response	\$501,663
2019	EMORY UNIVERSITY	GA	R13AI143393	HIV DART and Emerging Viruses: Frontiers in Drug Development and Antiretroviral Therapies	\$20,000
2019	EMORY UNIVERSITY	GA	R21AI144571	DISSEMINATION OF MACROLIDE RESISTANCE ELEMENTS IN STREPTOCOCCUS PNEUMONIAE	\$230,280
2019	EMORY UNIVERSITY	GA	R01AI073707	Determinants of T Cell Fate in Transplantation Tolerance	\$387,900
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$683,010
2019	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$2,425,378
2019	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$5,493,765
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$375,000
2019	EMORY UNIVERSITY	GA	R01AI125064	Antiviral role of CD8+ T cells in ART-treated SIV-infected macaques	\$835,203

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	EMORY UNIVERSITY	GA	R01AI128799	Understanding Rectal HIV transmission among At-risk MSM: Age, Intercourse, and Mucosal Injur	\$593,818
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142678	An optimized mouse model of Bordetella pertussis infection	\$225,500
2019	EMORY UNIVERSITY	GA	F31AI131532	The role of LSD1 in the epigenetic regulation of B cell terminal differentiation	\$45,016
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI117290	A Novel Vaccine for Burkholderia pseudomallei and Burkholderia mallei	\$658,990
2019	EMORY UNIVERSITY	GA	K23AI134182	Impact of HIV infection on early responses to TB exposure	\$191,484
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	\$377,084
2019	EMORY UNIVERSITY	GA	R01AI135806	Inhibition of viral entry by interferon-induced proteins	\$396,876
2019	EMORY UNIVERSITY	GA	R21AI142489	Regulation of a virulence switch in Acinetobacter baumannii	\$190,597
2019	EMORY UNIVERSITY	GA	R01AI132833	HBV Capsid Effectors	\$537,558
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142469	A more effective drug treatment regimen for Trypanosoma cruzi infection	\$187,917
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI146448	Flu-IGIP: Live attenuated influenza virus vaccines with improved stimulation of IgA responses	\$241,875
2019	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$390,000
2019	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$379,584
2019	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$5,194,108
2019	EMORY UNIVERSITY	GA	R01AI123126	Integrin-dependent modulation of macrophage function	\$390,000
2019	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$450,184
2019	EMORY UNIVERSITY	GA	U01AI131566	Determining how macrophages regulate immunity to Zika virus infection at the maternal-fetal interface	\$454,104
2019	EMORY UNIVERSITY	GA	F31AI133950	Regulation of 2'-5'-oligoadenylate synthetase 1 (OAS1) by dsRNA	\$45,016
2019	EMORY UNIVERSITY	GA	R01AI128837	Using DNA/MVA/protein immunization of rhesus macaques to investigate how the background of the HIV -1 envelope and nature of the protein boost shape the genetic and functional antibody landscape.	\$1,126,153
2019	EMORY UNIVERSITY	GA	P01AI125180	Plasma Cells in Health and Disease	\$2,026,518
2019	EMORY UNIVERSITY	GA	R01AI126322	Optimizing Strategies to Overcome Kidney Xenograft Rejection	\$922,996
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128356	The Toxoplasma apicoplast and calcium signaling	\$441,010
2019	EMORY UNIVERSITY	GA	R01AI130163	Urban Water Systems, Enteric Pathogen Distribution & Gut Microbiome Development in Children: A Natural Experiment in Mozambique	\$761,233

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2019	MICROBPLEX, INC.	GA	R43AI134543	Novel Diagnostics for Early Lyme Disease	\$298,875
2019	EMORY UNIVERSITY	GA	R01AI137127	Human B cell responses to a live attenuated cholera vaccine	\$390,000
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI139934	Generation of A Safe Yet Fully Replication-Competent Filovirus	\$232,450
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140448	Screening C. elegans mutant strains for new clues about ivermectin and its mode of action	\$187,500
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI141222	Development of a Broad-Spectrum Inhibitor against Seasonal and Highly-Pathogenic Influenza Viruses	\$1,103,435
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140444	Role of cardiolipin in Helicobacter pylori flagellar biogenesis	\$397,588
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI141648	Evaluation of pregnancy on vaccine-induced immunity and protection in a pre-clinical model of RSV infection	\$786,606
2019	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$561,600
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142122	Post-translational modification of cell-activating antibody receptors from primary human leukocytes	\$226,500
2019	EMORY UNIVERSITY	GA	R21AI142507	3-D Culture Models	\$234,000
2019	EMORY UNIVERSITY	GA	R01AI145640	Novel nanoparticulate adjuvants to enhance HIV-1 Env specific mucosal antibody responses	\$904,894
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R61AI140475	Towards point of care HIV detection using repurposed glucose meters	\$475,457
2019	EMORY UNIVERSITY	GA	K99AI146271	Role of PD-L2 in Antigen-Specific B Cell Responses in Transplantation	\$96,725
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$355,000
2019	EMORY UNIVERSITY	GA	R01AI020211	Cytomegalovirus DNA Replication and Inversion	\$386,618
2019	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$444,712
2019	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$390,000
2019	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$2,528,893
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$264,338
2019	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$184,334
2019	EMORY UNIVERSITY	GA	R01AI116379	Immune based interventions for HIV eradication	\$783,714
2019	EMORY UNIVERSITY	GA	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$579,866
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	\$664,253
2019	EMORY UNIVERSITY	GA	R01AI124680	T cell compartmentalization and antiviral response	\$624,373
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$437,906

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2019	EMORY UNIVERSITY	GA	UM1AI124436	B and T Cell Biology of Protection from and Eradication of SIV/SHIV Infection	\$7,450,948
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	\$849,245
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125453	Small Molecule Inhibitors of Ebola Virus Polymerase Function	\$779,570
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123383	Molecular Mechanisms for Carbohydrate Presentation to CD4+ T cells by MHCII Pathway	\$375,000
2019	EMORY UNIVERSITY	GA	R01AI136533	Dynamics of antigen specific B and Tfh responses during acute and chronic HCV	\$794,050
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI138027	Defining the mechanisms by which Placenta-specific 8 (Plac8) facilitates CD8 memory formation	\$225,625
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R03AI133172	Latent tuberculosis infection and risk of type 2 diabetes mellitus in US veterans	\$77,568
2019	EMORY UNIVERSITY	GA	F31AI136310	Regulation of O antigen in mucoid Pseudomonas aeruginosa	\$44,524
2019	EMORY UNIVERSITY	GA	U01AI138909	Selective CD28 Blockade in Renal Transplant Recipients	\$1,226,689
2019	EMORY UNIVERSITY	GA	U01AI141993	Human Vaccine Durability using Integrated Bioinformatics and a Novel in vitro Bone Marrow Mimic	\$664,443
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI144880	Structural Basis for Henipavirus Matrix Protein Nucleo-Cytoplasmic Trafficking	\$178,341
2019	EMORY UNIVERSITY	GA	K23AI143479	The role of antibodies in infant TB prevention	\$190,008
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI147003	Regulation of mucosal immunity to respiratory viruses by Tpl2	\$226,250
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI146447	Characterizing the unique endocytic organelle of Trypanosoma cruzi	\$188,542
2019	EMORY UNIVERSITY	GA	R21AI146443	Detection and Characterization of Flavivirus and Alphavirus Infections in Acute Suspected Arboviral Cases or Neurological Disease, Central Department, Paraguay	\$235,064
2019	EMORY UNIVERSITY	GA	K23AI144040	High resolution plasma metabolomics to identify biomarkers of tuberculosis	\$191,084
2019	EMORY UNIVERSITY	GA	R01AI133706	Immune interventions in SIV-infected ART-suppressed infant macaques	\$848,161
2019	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,615,187
2019	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$3,004,688
2019	EMORY UNIVERSITY	GA	R01AI116933	Host-induced Initiation of Clostridium difficile Sporulation	\$387,400
2019	EMORY UNIVERSITY	GA	K23AI124913	Defining Antiretroviral Pharmacology Within HIV-1 Reservoirs of Males and Females	\$188,676

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2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$501,250
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI127793	Neisseria gonorrhoeae metal transporters that subvert nutritional	\$648,522
2019	EMORY UNIVERSITY	GA	UH3AI122320	Development of Gleevec for TB and TB/HIV	\$1,571,205
2019	EMORY UNIVERSITY	GA	R01AI136581	Lentivirus Replication Strategy and Pathogenesis	\$386,618
2019	EMORY UNIVERSITY	GA	R01AI138646	The Role of Casual Contact and Migration in XDR TB Transmission in South Africa: a Geospatial, Genomic and Social Network Study	\$720,951
2019	EMORY UNIVERSITY	GA	R33AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$458,393
2019	EMORY UNIVERSITY	GA	K22AI130223	IL-1 regulation of group A Streptococcus infection	\$107,261
2019	EMORY UNIVERSITY	GA	R01AI139406	Characterization of Genomics and Metabolomics among Individuals Highly-Exposed, but resistant to Mtb Infection	\$713,405
2019	EMORY UNIVERSITY	GA	F31AI138391	Epigenetic Regulation of Memory B Cell Differentiation and Reactivation	\$45,016
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI133322	Regulation of calcium signaling in the human malaria parasite	\$188,750
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI138784	A rational clustering system for HIV CRFs to assist antiviral and vaccine designs	\$75,000
2019	CAMELLIX, LLC	GA	R42AI124738	Novel sanitizer/disinfectants against viral infections with long-lasting effect	\$705,771
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI139238	Defining the role of phosphatidylserine in hemorrhagic fever virus replication	\$385,400
2019	Moonlight Therapeutics, Inc.	GA	R42AI143011	Microneedle Based Targeted Allergen Specific Immunotherapy for Treatment of Peanut Allergies	\$298,359
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI146907	Control of Flagellation Pattern in Helicobacter pylori	\$75,417
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI144498	Antifungal Immunoliposomes	\$226,250
2019	EMORY UNIVERSITY	GA	K23AI144036	Temporal dynamics of MDRO eradication after FMT	\$191,484
2019	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$352,555
2019	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$1,579,938
2019	EMORY UNIVERSITY	GA	U01AI115651	Dengue Virus Infection in India	\$649,181
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI130139	Elucidating the trafficking mechanisms of effector proteins to the Plasmodium infected red blood cell	\$375,000
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140719	Defining the genetic network governing cryptococcal morphological transition	\$462,396
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI143844	Multivalent nanocluster universal influenza vaccine given by microneedle patch	\$778,900

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2019	EMORY UNIVERSITY	GA	R01AI144067	dsRNA regulation of the cytosolic innate immune system	\$390,000
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI144182	Starve and Kill: Engineered Antigens Targeting Nutrient Acquisition Pathways Essential for Gonococcal Infection and Disease	\$1,950,107
2019	EMORY UNIVERSITY	GA	R01AI146017	Novel mechanism of integrase (IN) resistance to Dolutegravir through epistatic interactions between IN and the nucleocapsid and polypurine tract regions of HIV-1	\$522,974
2019	EMORY UNIVERSITY	GA	U01AI132904	Imaging Costimulation Blockade Resistant Rejection	\$458,199
2019	EMORY UNIVERSITY	GA	R21AI145650	Inhibiting the proliferation of the long-lived memory CD4+ T-cells by targeting Wnt and Notch pathways to disrupt HIV reservoir	\$195,000
2019	EMORY UNIVERSITY	GA	R01AI147609	Function and regulation of the intrinsic antibiotic resistome of Neisseria gonorrhoeae	\$472,532
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$807,143
2019	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,872,556
2019	EMORY UNIVERSITY	GA	R01AI110680	Skin Vaccination Against Influenza in the Young And Aged	\$732,992
2019	EMORY UNIVERSITY	GA	R01AI121252	Understanding Survival of Human Bone Marrow Long-Lived Plasma Cells	\$624,142
2019	EMORY UNIVERSITY	GA	R01AI125268	Impact of selective genome packaging on influenza A virus reassortment	\$386,618
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI124692	Mechanisms of persistence in Trypanosoma cruzi infection	\$375,000
2019	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI143296	Phages as drivers of pathogenicity: selective impacts and molecular targets of clinical Pseudomonas aeruginosa phages	\$236,700
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128924	Pathogenesis of Jeilongvirus	\$471,179
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125738	Multiplex treatment outcomes test for Chagas disease	\$1,017,141
2019	EMORY UNIVERSITY	GA	R01AI137679	Gut microbiome, enteric infections and child growth across a rural urban gradient	\$693,402
2019	EMORY UNIVERSITY	GA	R21AI135753	DNA origami based molecular probes for quantitative study on TCR/CD8 binding with pMHCs	\$187,393
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140399	A Novel Polysaccharide Structure that Mediates Transmission	\$225,000
2019	EMORY UNIVERSITY	GA	R01AI143414	CD8 T cell suppression of HIV latency establishment and maintenance in virally suppressed individuals	\$390,000
2019	EMORY UNIVERSITY	GA	R01AI141327	Structural and Chemical Analysis of Highly Potent ALLINI Platform	\$389,750

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2019	EMORY UNIVERSITY	GA	R01AI141883	Mechanisms of phenotypic antibiotic resistance in Gram-negative bacteria	\$436,767
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI143399	Reshaping Immunogenicity of Proteins	\$225,875
2019	EMORY UNIVERSITY	GA	R01AI143875	Integrating a combination HIV prevention intervention into a widely-used geosocial app for Chinese MSM	\$703,130
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI144591	Combining Liver Stage Culture System with Backcross Genetics to Discover Antimalarial Drug Resistance Loci	\$226,000
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI143865	Structural and mechanistic insights into antibody neutralization of human metapneumovirus	\$638,153
2019	EMORY UNIVERSITY	GA	R01AI147839	Understanding the rectal mucosal effects of cross-sex hormone therapy among US and Thai transgender women	\$716,966
2019	EMORY UNIVERSITY	GA	F32AI145150	The Role of CD28 cosignaling molecules on anti-viral immune responses in Chronic Kidney Disease	\$61,610
2019	EMORY UNIVERSITY	GA	R01AI148378	MVA Prime/Novel Trimeric Cyclically Permuted Envelope Protein Boost Vaccines for HIV	\$766,533
2019	EMORY UNIVERSITY	GA	R01AI051231	Virologic Correlates of Heterosexual Transmission	\$1,251,504
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	\$378,750
2019	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$150,354
2019	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$911,104
2019	EMORY UNIVERSITY	GA	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$446,402
2019	EMORY UNIVERSITY	GA	R01AI123733	Epigenetic Regulation of Plasma Cells Differentiation	\$386,019
2019	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$753,210
2019	EMORY UNIVERSITY	GA	R01AI129862	Imaging of Single HIV-1 Uncoating and Transport to the nucleus	\$496,584
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI129940	Development of a novel vaccine platform: Surface Antigen/Adjuvant Vaccine Engineering (SAAVE)	\$679,332
2019	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$448,793
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$542,783
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI126311	Curaxin-137, A New Lead for Anti-Trypanosome Drug Discovery - Resubmission - 1	\$647,208
2019	EMORY UNIVERSITY	GA	K08AI132747	Mechanisms of Selective CD28 Blockade on T Follicular Helper Cell-mediated Donor-specific Antibody Responses in Transplantation	\$188,676
2019	EMORY UNIVERSITY	GA	R21AI136563	Novel compounds from botanical innovation yields Acinetobacter treatments	\$200,430

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2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI138576	Molecular mechanisms required for the maintenance of the gram-negative outer membrane	\$409,560
2019	EMORY UNIVERSITY	GA	R03AI139871	An Exploratory Study of Anti-Tuberculosis Drug Penetration into Cerebrospinal Fluid	\$77,690
2019	EMORY UNIVERSITY	GA	R21AI141094	Mechanisms of antigen-specific CD4 T cell dysfunction in HIV/TB co-infection	\$223,125
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140421	Drug Target Validation in Trypanosoma cruzi	\$187,500
2019	EMORY UNIVERSITY	GA	R01AI138783	EpiModel 2.0: Integrated Network Models for HIV/STI Prevention Science	\$744,465
2019	EMORY UNIVERSITY	GA	R01AI139675	Translational Regulation of CD8 T-Cell Immunity - Transfer of R01AI139675 from Emory	\$446,059
2019	EMORY UNIVERSITY	GA	R13AI143192	RespiDART: Frontiers in Drug Development against Respiratory Viruses	\$5,000
2019	EMORY UNIVERSITY	GA	R21AI135711	Development of simianized mice to study the biology of relapsing malaria parasites	\$218,384
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI142431	Role of redundant secreted effectors of Toxoplasma gondii that drive host cell cycle progression	\$202,125
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R13AI145245	12th International Symposium on Bordetella	\$5,000
2019	EMORY UNIVERSITY	GA	R21AI138079	C. trachomatis within-host genomic diversity and transmission between female anatomic sites	\$261,773
2019	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI138206	Zika virus detection and recovery in sewage: a novel epidemiologic surveillance tool	\$242,182
2019	EMORY UNIVERSITY	GA	R56AI145231	Using donor dendritic cells to optimize GvHD and GvL in allogeneic stem cell transplantation	\$378,687
2019	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI126897	IMMUNITY TO CHLAMYDIA ABORTUS	\$434,124
2019	EMORY UNIVERSITY	GA	R01AI148382	Molecular Interactions of HIV-1 with the Nuclear Pore Complex	\$1,435,582
2019	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K99AI137322	Large-scale CRISPR screening of essential calcium-related genes in the human parasite Trypanosoma cruzi	\$104,708
2019	UNIVERSITY OF HAWAII	HI	R01AI132323	Preclinical Development of a Thermostable Trivalent Filovirus Vaccine	\$1,209,712
2019	UNIVERSITY OF HAWAII	HI	R01AI147496	The role of selenoprotein I in phospholipidethanolamine dependent mechanisms that regulate T cell activation	\$392,251
2019	UNIVERSITY OF HAWAII	HI	F31AI145627	Studying Dynamics of Monocyte HIV RNA Persistence and the Interface with CNS Outcomes during Acute HIV Infection	\$29,016
2019	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$385,689
2019	UNIVERSITY OF HAWAII	HI	R37AI050661	Vibrio fischeri as a Model for Bacterial Colonization	\$518,221
2019	UNIVERSITY OF HAWAII	HI	R21AI140071	MECHANISTIC CHARACTERIZATION OF A NOVEL ATTACHMENT PROTEIN IN PSEUDOMONAS AERUGINOSA	\$212,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI118017	Cross-Protective Multivalent Vaccine for Tick-Borne Flaviviruses	\$839,920
2019	UNIVERSITY OF HAWAII	HI	R21AI140248	Human 3D testicular organoids as a model to dissect cell-type specific tropism and immune response to Zika virus	\$192,750
2019	UNIVERSITY OF HAWAII	HI	R21AI135292	Serodiagnostic tests to distinguish Zika virus from other flaviviruses	\$231,000
2019	UNIVERSITY OF IOWA	IA	R01AI121567	Immune Dysregulation During Multiple Sclerosis Relapse	\$878,909
2019	UNIVERSITY OF IOWA	IA	R01AI121196	Role of Protein Ubiquitination in Sepsis	\$331,582
2019	UNIVERSITY OF IOWA	IA	R01AI124093	Balancing protection versus immunopathology by RSV-specific memory CD8 T cells	\$376,900
2019	UNIVERSITY OF IOWA	IA	R01AI116546	Consequences of interactions between human neutrophils and Staphylococcus aureus	\$381,250
2019	UNIVERSITY OF IOWA	IA	R01AI127775	ENDOTHELIAL CELL TROPISM IN THE PATHOGENESIS AND HOST RESPONSE AGAINST INFLUENZA VIRUSES - RESUBMISSION 01	\$890,083
2019	UNIVERSITY OF IOWA	IA	UH2AI144434	Airway Dendritic Cells in the Allergic Asthma Phenotype	\$208,599
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI139579	Exploring regulation of gene expression in malaria parasites	\$229,500
2019	APTALOGIC INC	IA	R41AI147853	An aptasensor to distinguish Dengue virus from Zika virus	\$150,000
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$382,500
2019	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$236,934
2019	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$365,025
2019	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$378,940
2019	UNIVERSITY OF IOWA	IA	R01AI133409	Complex haploinsufficiency based genetic analysis of C. albicans pathogenesis	\$571,858
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114720	Identification of genetic determinants that condition flaviviral host specificity	\$367,050
2019	UNIVERSITY OF IOWA	IA	R01AI129269	Role of eicosanoids in pathogenic human CoV infections	\$545,235
2019	UNIVERSITY OF IOWA	IA	R01AI134692	Enterotoxin-Mediated Development of Staphylococcus aureus Infective Endocarditis	\$0
2019	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$449,875
2019	UNIVERSITY OF IOWA	IA	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	\$381,250
2019	UNIVERSITY OF IOWA	IA	R01AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$475,904

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2019	UNIVERSITY OF IOWA	IA	R21AI130453	Transcriptional Mechanisms Controlling HCMV Infection	\$157,500
2019	UNIVERSITY OF IOWA	IA	R01AI137075	Linking diet, gut microbiota and autoimmune disease: Bacteria induced phytoestrogen metabolites impact immune function in Experimental Autoimmune Encephalitis	\$427,941
2019	UNIVERSITY OF IOWA	IA	R21AI138051	Role of WASp in Golgi dispersal response to DNA damage in lymphocytes	\$152,500
2019	UNIVERSITY OF IOWA	IA	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$442,531
2019	UNIVERSITY OF IOWA	IA	R01AI139874	Ezh2 regulates follicular helper T cell differentiation	\$454,429
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI141196	Universal room temperature stable influenza nanovaccine	\$1,339,376
2019	UNIVERSITY OF IOWA	IA	R21AI147064	Differentiation of pathogen-specific memory CD8 T cell responses	\$231,250
2019	UNIVERSITY OF IOWA	IA	R21AI146769	Extra-Cytoplasmic Function Sigma Factor Senses and Responds to Beta-Lactam Stress in Gram-Positive Bacteria	\$192,708
2019	UNIVERSITY OF IOWA	IA	K08AI141619	Human neutrophil derived microvesicles modulate phagocyte activity	\$187,056
2019	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$219,366
2019	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$449,835
2019	UNIVERSITY OF IOWA	IA	R01AI125446	Development and function of CD4+ memory T cells during malaria	\$381,250
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI144705	Eicosanoid regulation of mosquito innate immunity	\$229,500
2019	UNIVERSITY OF IOWA	IA	K08AI132720	Fungal and Host Factors in Initiation of Cryptococcal Persistence	\$314,754
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI140101	Multimerization of the B cell kinase BTK; a preorganized signaling unit	\$191,250
2019	UNIVERSITY OF IOWA	IA	R01AI134733	Modeling Filovirus Infection of and Trafficking through Skin	\$767,437
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$479,209
2019	UNIVERSITY OF IOWA	IA	R01AI127565	Nanovaccine-Mediated Immune Protection Against Influenza Virus	\$470,464
2019	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,254,329
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI136829	Development of novel immunogens to induce 10E8-like neutralizing antibodies	\$226,811
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI134838	Induction of broadly neutralizing antibodies against CD4 binding site	\$226,811

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2019	UNIVERSITY OF IOWA	IA	R01AI055042	Regulation of Pseudomonas aeruginosa type III secretion	\$355,310
2019	UNIVERSITY OF IOWA	IA	R01AI123107	Molecular regulation of T cell activation signals by TRAF3	\$381,250
2019	UNIVERSITY OF IOWA	IA	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$375,544
2019	UNIVERSITY OF IOWA	IA	R01AI132335	Determinants of human neutrophil fate after phagocytosis	\$486,758
2019	UNIVERSITY OF IOWA	IA	R21AI139902	Mechanisms and consequences of Plasmodium/Ebola virus co-infections	\$239,143
2019	UNIVERSITY OF IOWA	IA	R21AI135305	PAS domain and redox regulation of the S. aureus SrrB sensor histidine kinase	\$189,318
2019	NEOVAXSYN INC	IA	R21AI143505	Evaluation of a Novel Antigen-Enhanced, Anti-Idiotypic Antibody Vaccine Strategy	\$175,000
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI144493	Characterizing new nematode-specific drug targets to eliminate the reservoir for human toxocarasis	\$191,250
2019	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$381,250
2019	UNIVERSITY OF IOWA	IA	R01AI042767	T resident memory in the lung	\$522,172
2019	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$329,232
2019	UNIVERSITY OF IOWA	IA	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$490,378
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$588,223
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$369,646
2019	UNIVERSITY OF IOWA	IA	K22AI127836	Elucidating cellular and molecular mechanisms regulating SHP1-mediated inflammatory skin disease	\$106,806
2019	UNIVERSITY OF IOWA	IA	R01AI132402	Spread and Release of Measles in the Airways	\$717,447
2019	UNIVERSITY OF IOWA	IA	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$619,894
2019	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI138967	Diethylcarbazine, Emodepside and SLO-1 K Channels of Filaria	\$222,933
2019	UNIVERSITY OF IOWA	IA	R01AI139267	Field trial and modeling of transmission blocking vaccine to prevent Lyme disease	\$733,280
2019	UNIVERSITY OF IOWA	IA	R01AI143198	Analysis of transcription factors determining azole resistance of Aspergillus fumigatus	\$521,533
2019	UNIVERSITY OF IDAHO	ID	R01AI139503	HCMV infection downregulates nidogen 1 and myelin protein zero	\$362,390
2019	UNIVERSITY OF IDAHO	ID	R21AI135691	Determination of the signals that control the chlamydial developmental cycle	\$218,355
2019	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	\$353,975

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2019	UNIVERSITY OF IDAHO	ID	R01AI131609	Malaria and allergic inflammatory changes to the gut barrier	\$479,057
2019	IDAHO VETERANS RESEARCH & EDUCATION FOUNDATION INC	ID	R03AI135998	Understanding and Integrating the Metabolome, Microbiome, and Innate Immunity in Diabetic Wounds	\$66,009
2019	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$297,094
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$573,681
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery	\$418,736
2019	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$576,160
2019	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$2,399,125
2019	UNIVERSITY OF CHICAGO	IL	R01AI117535	New retroviral restriction factor	\$641,742
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI133250	Development of a hepatitis C virus vaccine using papillomavirus-like particles for antigen delivery	\$221,844
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI139009	Viral and Cellular Determinants of HIV-1 Nuclear Import Kinetics	\$228,625
2019	TALIS BIOMEDICAL CORPORATION	IL	R01AI139005	Diagnostics via Rapid Enrichment, Identification, and Phenotypic Antibiotic Susceptibility Testing of Pathogens from Blood.	\$1,106,115
2019	UNIVERSITY OF CHICAGO	IL	F32AI140643	Staphylococcus aureus type VII secretion mediated immune evasion	\$61,610
2019	UNIVERSITY OF CHICAGO	IL	R21AI144417	Novel microfluidic platform to profile host-pathogen interaction under controlled infection and single cell resolution	\$218,057
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI144112	Collaborative Integration of Hepatitis B Molecular Virology and Mathematical/Computational Modeling	\$471,058
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI140210	Development of a Flavivirus Vaccine to Reduce Antibody-Dependent Enhancement of Infection	\$221,745
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI142380	Tool for studying essential gene function in Cryptosporidium parvum	\$228,261
2019	EDEN PARK ILLUMINATION, INC.	IL	R42AI125006	Monochromatic 222 nm UV light: Development of a safe, cost-effective technology for the efficient reduction of bacterial and viral infection and transmission	\$500,000
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI135917	Uncovering the mechanism of immune evasion by species F adenoviruses	\$199,875
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI146865	Multiplexed Pathogen Detection from Whole Blood for Rapid Detection of Sepsis	\$230,110
2019	UNIVERSITY OF CHICAGO	IL	R01AI149779	Temporal strain structure and response to interventions in a high endemicity region of Plasmodium falciparum	\$662,598
2019	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$405,000

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2019	NORTHWESTERN UNIVERSITY	IL	R01AI150559	The role of FEZ1 in early HIV-1 infection	\$360,238
2019	UNIVERSITY OF CHICAGO	IL	R01AI142747	Deconstructing B cell transplantation tolerance	\$570,402
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI147487	Development and validation of regional models of HIV vulnerabilities and solutions	\$630,633
2019	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UH3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	\$719,325
2019	UNIVERSITY OF CHICAGO	IL	F32AI147517	Microparticle Induced Synergistic Toll-Like Receptor Activation Effect on Dendritic Cell Hyper-Responsive Sub-Populations	\$61,610
2019	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$387,338
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$547,028
2019	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$484,709
2019	NORTHWESTERN UNIVERSITY	IL	R01AI137267	Structure and Function of EBV Protein Complexes that Trigger Epithelial Cell Entry	\$705,973
2019	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$283,717
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI122925	Photonic Crystal Based Point-of-Care Detection of HIV Viral Load Using a Smartphone Biosensor	\$28,090
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI110586	Commensal Exopolysaccharide Protection from Inflammation	\$408,745
2019	RUSH UNIVERSITY MEDICAL CENTER	IL	R33AI127635	Identification of preclinical drug candidates for the treatment of schistosomiasis	\$493,620
2019	NORTHWESTERN UNIVERSITY	IL	R01AI128292	Distinct mast cell responses in male and female SJL mice underlie sex dimorphic EAE susceptibility	\$498,901
2019	NORTHWESTERN UNIVERSITY	IL	R21AI131179	Elucidating a novel regulator of inflammation: the TLR4-Inhibitory Complex (TIC)	\$188,604
2019	NORTHWESTERN UNIVERSITY	IL	F32AI140566	Uncovering the mechanism of how poxviruses hijack the host translational machinery to promote infection	\$61,610
2019	NORTHWESTERN UNIVERSITY	IL	R21AI137932	Leveraging immunostimulatory pathways that enhance BCG vaccination for the rational design of synthetic neonatal vaccine formulations	\$261,000
2019	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI141596	Molecular regulation of TLR2-mediated autoimmune inflammation	\$390,000
2019	UNIVERSITY OF CHICAGO	IL	F30AI126791	Niche Establishment by Bacteroides fragilis - Resubmission 01	\$50,016
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI136999	Brain neuron damage-mediated respiratory failure and mortality during Cryptococcus-associated immune reconstitution inflammatory syndrome in mice	\$381,868
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI142515	Genetic and virulence characterization of eae-positive enteropathogenic E. coli (EPEC) clinical isolates from USA patients with diarrhea	\$228,625
2019	UNIVERSITY OF CHICAGO	IL	R01AI126756	Biochemical and cellular analysis of regulatory T cells reactive to a natural self antigen	\$650,415

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2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI147137	A Scalable 3D Human Liver Co-culture Platform for Hepatitis B Virus Infection	\$240,966
2019	CHICAGO BIOSOLUTIONS, INC.	IL	R42AI126971	4-(Aminomethyl) benzamides as novel anti-Ebola agents	\$972,475
2019	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus aureus	\$445,500
2019	UNIVERSITY OF CHICAGO	IL	F30AI124636	Modeling the Dynamics of Human Papillomavirus to Inform Vaccination Strategy	\$50,016
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$470,646
2019	NORTHWESTERN UNIVERSITY	IL	P30AI117943	Third Coast Center for AIDS Research	\$2,697,308
2019	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$622,872
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121286	Chromatin infrastructure of the Igh locus and its influence on VH gene usage	\$830,460
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI123525	Optimizing the diagnosis of pediatric Clostridium difficile infection	\$190,080
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI136773	Predictive Guidelines for Penetrance and Discovery of Broad-Spectrum Antibiotics	\$1,140,875
2019	NORTHWESTERN UNIVERSITY	IL	R01AI141470	Nuclear rotation and cellular reorganization during Cytomegalovirus infection?	\$424,676
2019	UNIVERSITY OF CHICAGO	IL	R01AI125644	IRF4+ respiratory dendritic cells in type 2 inflammatory responses	\$399,048
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$705,182
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI129719	Deep mutational scanning of the HIV-1 Env protein and HIV-targeted host chemokine receptors	\$377,748
2019	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	R01AI122308	Feasibility of an Ingestible Sensor System to Measure PrEP Adherence in YMSM	\$286,554
2019	NORTHWESTERN UNIVERSITY	IL	R01AI125366	REDD1 dissociates the therapeutic and adverse effects of glucocorticoids in skin	\$480,333
2019	NORTHWESTERN UNIVERSITY	IL	R01AI130348	Food Allergy Outcomes Related to White and African American Racial Differences (FORWARD)	\$1,054,023
2019	NORTHWESTERN UNIVERSITY	IL	F30AI131937	Role of mTOR in inflammatory monocytes in HIV infection	\$50,016
2019	UNIVERSITY OF CHICAGO	IL	R01AI127518	Novel antiviral activity of interferon-gamma against viral replication complex	\$405,000
2019	UNIVERSITY OF CHICAGO	IL	R37AI038339	Transcriptional Regulation of Innate-Like T Cells	\$525,030
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI142060	Targeting leukocyte traffic in intestinal inflammation	\$199,875
2019	NORTHWESTERN UNIVERSITY	IL	R21AI135827	Novel Proteoform Biomarkers of Acute Rejection in Liver Transplant Recipients	\$188,337
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI137865	Deciphering high resolution Igh chromatin topologies and impacts on Ig repertoire	\$195,289

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2019	NORTHWESTERN UNIVERSITY	IL	R21AI132848	T regulatory cell responses during viral infection	\$197,500
2019	NORTHWESTERN UNIVERSITY	IL	R01AI139054	Siderophores of Legionella pneumophila	\$447,861
2019	UNIVERSITY OF CHICAGO	IL	R01AI127775	ENDOTHELIAL CELL TROPISM IN THE PATHOGENESIS AND HOST RESPONSE AGAINST INFLUENZA VIRUSES - RESUBMISSION 01	\$0
2019	UNIVERSITY OF CHICAGO	IL	R01AI142844	A neonatal mouse model to study retrovirus-specific humoral responses	\$541,927
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI143641	Probing the role of commensal intestinal fungi during Salmonella pathogenesis	\$392,077
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI139337	Molecular Signatures of Early-Onset Neonatal Sepsis in Umbilical Cord Blood	\$189,432
2019	UNIVERSITY OF CHICAGO	IL	R01AI137514	Hepatitis C Virus Trafficking in Hepatocytes	\$399,048
2019	UNIVERSITY OF CHICAGO	IL	R01AI144094	Development of Intestinal Polyreactive IgA B Cells	\$498,426
2019	NORTHWESTERN UNIVERSITY	IL	R21AI148033	Metabolic and Immune Consequences of Antibiotic-Related Microbiome Alterations during TB Treatment	\$252,070
2019	UNIVERSITY OF CHICAGO	IL	R01AI147954	T cell recognition of the MR1 presented microbial metabolome	\$1,434,057
2019	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	\$450,000
2019	NORTHWESTERN UNIVERSITY	IL	U19AI135964	Successful Clinical Response In Pneumonia Therapy (SCRIPT) Systems Biology Center	\$2,400,000
2019	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$410,572
2019	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$389,432
2019	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,587,600
2019	UNIVERSITY OF CHICAGO	IL	R01AI115471	Gamma Delta T cell surveillance of metabolites as signals of cellular stress	\$389,432
2019	UNIVERSITY OF CHICAGO	IL	R01AI120700	Accelerating PrEP Diffusion through Network Change Agents	\$318,705
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K08AI123524	Investigating a Novel Co-regulation of Multi-Drug Efflux Pumps and Polysaccharide Capsule in E. coli	\$314,046
2019	NORTHWESTERN UNIVERSITY	IL	R01AI137174	Initiators, biomarkers and mechanisms of epithelial dysfunction and immune pathogenesis in chronic rhinosinusitis and aspirin exacerbated respiratory disease (AERD)	\$632,442
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI135849	Defining the biology and public health risk of HBV Genotype E	\$190,364
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133557	Innate and Adaptive Responses to HSV-2 Conjugated ZOTEN	\$199,875
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	\$19,856

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2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI130562	A fever diagnostic panel using multiplexed smartphone spectroscopy and a simplified platform for rapid sandwich immunoassays	\$165,550
2019	UNIVERSITY OF CHICAGO	IL	R21AI148082	EBV infection control by RNA surveillance	\$243,000
2019	UNIVERSITY OF CHICAGO	IL	R01AI149747	Longitudinal dynamics of protection after influenza infection and vaccination	\$497,337
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	U01AI138907	Intervention to Reduce Early (Peanut) Allergy in Children (iREACH)	\$1,597,100
2019	NORTHWESTERN UNIVERSITY	IL	R13AI147966	2019 CFAR Women and HIV Symposium	\$25,000
2019	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$345,275
2019	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$525,012
2019	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI123381	Characterizing the targets of phagocytic superoxide in Salmonella	\$375,170
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$399,750
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125401	Developmental regulation of HBV biosynthesis by FoxA and DNA methylation	\$399,750
2019	NORTHWESTERN UNIVERSITY	IL	R01AI125171	Harnessing MUC16-IgG Interactions to Enhance HIV Vaccine Function	\$570,632
2019	UNIVERSITY OF CHICAGO	IL	R03AI137605	Generation of a Tall fluorescent reporter allele for studies on hematopoiesis and leukemogenesis	\$81,000
2019	UNIVERSITY OF CHICAGO	IL	R01AI127411	Host's and microbiota's contribution to sexual dimorphism of autoimmunity	\$545,958
2019	NORTHWESTERN UNIVERSITY	IL	U19AI136443	Using siglecs and their ligands to treat allergic diseases SALTAD	\$1,517,513
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI134010	Elucidating Rgg-mediated quorum sensing networks in Streptococcus pneumoniae and their contributions in pathogenesis	\$39,909
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI140029	Identifying Kawasaki Disease-Specific Antibodies and Antigens	\$230,970
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI140254	Antigen-independent antibody diversification in GALT of young children	\$235,604
2019	NORTHWESTERN UNIVERSITY	IL	K22AI136691	The Influence of Early Integration Events on HIV Latency and Reactivation Potential	\$108,000
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI139768	A small molecule inhibitor of HSV genital infections	\$399,750
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI139401	Smartphone-linked system for diagnosis and epidemiological reporting of pathogens at the point of care	\$447,937
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI142528	Chromogranin A as a Regulator of Urothelial Antimicrobial Responses During Urinary Tract Infection	\$228,438

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	NORTHWESTERN UNIVERSITY	IL	R21AI139596	Stenotrophomonas Maltophilia Type IV Secretion: Modulator of Both Host-Cell Apoptosis and Interbacterial Killing	\$228,339
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120994	Staphylococcus aureus Survival During Nutrient Restriction and Suppression of Host Immunity	\$364,666
2019	UNIVERSITY OF CHICAGO	IL	R01AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$389,432
2019	NORTHWESTERN UNIVERSITY	IL	F30AI129237	Phenotypic and functional plasticity of mast cells in homeostasis and allergy	\$50,016
2019	UNIVERSITY OF CHICAGO	IL	U01AI125250	Specificity of Intestinal Immunoglobulin A	\$491,035
2019	NORTHWESTERN UNIVERSITY	IL	R21AI137458	Reassessing Legionella pneumophila Recognition during Intracellular Infection of Human Macrophages	\$226,900
2019	NORTHWESTERN UNIVERSITY	IL	P01AI145818	Chronic Rhinosinusitis Integrative Studies Program 2 (CRISP2)	\$1,933,411
2019	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$389,432
2019	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$453,498
2019	UNIVERSITY OF CHICAGO	IL	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$389,432
2019	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$2,093,731
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120956	Defining the microtubule motors which drive the uncoating and trafficking of HIV	\$310,504
2019	NORTHWESTERN UNIVERSITY	IL	R01AI127783	Hormones in allergic disease	\$392,487
2019	UNIVERSITY OF CHICAGO	IL	R01AI120715	Regulation of Ig-kappa recombination during B lymphopoiesis	\$461,851
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI114467	Understanding ERAP molecular mechanism of MHC I antigen processing	\$399,750
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI118880	Overcoming nutritional immunity: Staphylococcal adaptation to host-imposed manganese and zinc starvation	\$373,843
2019	UNIVERSITY OF CHICAGO	IL	F30AI136318	Role of post-transcriptional RNA modification 2'OMe in viral infection	\$29,304
2019	UNIVERSITY OF CHICAGO	IL	R21AI137776	Site-specific Proteolysis of the Legionella Type IV Secretion System	\$202,500
2019	NORTHWESTERN UNIVERSITY	IL	R21AI131087	A Master Role of Symmetric Arginine Dimethylation in Lupus Autoantibody Response	\$197,500
2019	NORTHWESTERN UNIVERSITY	IL	R01AI134952	Autoantibody mediated pathogenesis in chronic rhinosinusitis with nasal polyps: mechanisms and consequences	\$395,000
2019	UNIVERSITY OF CHICAGO	IL	R21AI140152	Macrophage m6A mRNA Methylation in Sepsis	\$243,000
2019	NORTHWESTERN UNIVERSITY	IL	R21AI142059	Combining Immune Tolerance and Myelin Repair Therapy in T cell-driven MS Models	\$237,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI145727	Development of group 2 influenza A virus entry inhibitors	\$299,999
2019	NORTHWESTERN UNIVERSITY	IL	R01AI146087	Characterizing Mucosal Changes in the FRT Leading to Increased HIV Acquisition	\$707,472
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R03AI147112	Urinary Proadrenomedullin to Improve Risk Stratification of Children with Community-Acquired Pneumonia	\$96,567
2019	UNIVERSITY OF CHICAGO	IL	R21AI142360	Microbial effects on Acute Lung Injury	\$243,000
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI146900	Study the role of hnRNP I in regulating IRAK1-dependent TLR signaling in intestinal crypt cells	\$79,300
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F32AI143207	Development of a Novel Class of Gram-Negative Antibiotics that Target Bacterial RNA	\$61,610
2019	NORTHWESTERN UNIVERSITY	IL	R01AI148190	Mitochondria regulate adaptive immunity	\$395,000
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$170,943
2019	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$457,664
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$399,750
2019	NORTHWESTERN UNIVERSITY	IL	R01AI127456	Poxvirus manipulation of the host cell protein synthesis machinery	\$470,119
2019	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$105,452
2019	UNIVERSITY OF CHICAGO	IL	F32AI143120	BRWD1 and the molecular regulation of humoral immunity	\$61,610
2019	NORTHWESTERN UNIVERSITY	IL	UM1AI120184	Sustained Long Acting Prevention Against HIV Program Operation	\$3,346,920
2019	UNIVERSITY OF CHICAGO	IL	R01AI123396	Mechanisms of E protein transcription factor-dependent iNKT cell expansion and differentiation	\$399,048
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$189,049
2019	UNIVERSITY OF CHICAGO	IL	R01AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$389,432
2019	NORTHWESTERN UNIVERSITY	IL	R37AI094595	Identification of the Initial Targets of Transmission	\$793,398
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121275	Role of DNA sensors in host anti-retroviral defense	\$392,454
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125518	Context-specific action of antibiotics targeting the catalytic center of the bacterial ribosome	\$399,750
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associated diarrhea	\$1,021,947
2019	UNIVERSITY OF CHICAGO	IL	R01AI127774	Flavivirus NS3-mediated Innate Immune Escape	\$530,964
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI137584	Structural basis of Erm-mediated macrolide resistance	\$199,875

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2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI138138	Study the role of hnRNP I in downregulating TLR signaling and inducing intestinal epithelial immune tolerance	\$75,087
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI140132	Microbe-driven Development of GALT	\$457,090
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI135812	Development of non-toxic amphotericin B derivatives targeting invasive fungal infections	\$757,553
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI136359	A quorum-sensing-regulated protein controls cell surface alteration in <i>S. pyogenes</i>	\$50,016
2019	ILLINOIS STATE UNIVERSITY	IL	R21AI135351	Impact of unsaturated fatty acids on <i>S. aureus</i> membrane properties.	\$214,519
2019	MIDWESTERN UNIVERSITY	IL	R03AI144661	GENETIC REGULATION OF THE TWIN ARGININE TRANSLOCATION SYSTEM IN SALMONELLA ENTERICA SEROVAR TYPHIMURIUM	\$75,000
2019	UNIVERSITY OF CHICAGO	IL	R01AI143778	The epigenetic reader BRWD1 in peripheral adaptive immunity	\$487,845
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI144549	<i>Clostridium innocuum</i> as an emerging multidrug-resistant antibiotic-associated diarrheal pathogen	\$245,586
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI144967	A Scalable Platform to Discover Antimicrobials of Ribosomal Origin	\$746,060
2019	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI110783	Role of neutrophils and elastase in melioidosis	\$387,158
2019	NORTHWESTERN UNIVERSITY	IL	R01AI145345	Design and characterization of biomimetic nanobiomaterials to elicit CD1-restricted T cell responses during sub-unit vaccination	\$685,339
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI147429	<i>Streptococcus pyogenes</i> manipulates host immunity via the Rgg2/3 quorum sensing system	\$50,016
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI135060	A Regulatory Cascade that Controls Pneumococcal Capsule Biosynthesis	\$504,594
2019	UNIVERSITY OF CHICAGO	IL	R01AI042135	Innate Immune Responses to Microbial Flora	\$220,369
2019	UNIVERSITY OF CHICAGO	IL	R01AI136056	Next-Generation Phylodynamics-targeted Partner Service Models for Combined HIV Prevention	\$790,057
2019	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI114688	Genomic Epidemiology of Methicillin-Resistant <i>Staphylococcus aureus</i> in Jail	\$376,658
2019	NORTHWESTERN UNIVERSITY	IL	F31AI140589	NRSA in Support of Meg Nas: Discovering the Novel Type IV Secretion System of <i>Stenotrophomonas Maltophilia</i> .	\$40,229
2019	UNIVERSITY OF CHICAGO	IL	F30AI124476	Specificity of Intestinal Immunoglobulin A	\$50,016
2019	NORTHWESTERN UNIVERSITY	IL	P01AI131346	Pathogenesis of Rebound SIV/HIV Viremia after Antiretroviral Therapy	\$1,679,330
2019	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T35AI125220	Summer Research Experience for Medical Students in Inflammation and Infectious Diseases	\$62,675
2019	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI135702	US Prevalence, Distribution and Determinants of Adult and Childhood Food Allergy	\$229,457

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2019	NORTHWESTERN UNIVERSITY	IL	R03AI137674	Clinical Evaluation of a New Highly Sensitive Multiplex qPCR for Detecting tuberculosis and Non-tuberculous Mycobacteria	\$67,816
2019	NORTHWESTERN UNIVERSITY	IL	R01AI141083	The role of non-classical MHC class I molecules in immune responses to Mycobacterium tuberculosis infection	\$617,464
2019	NORTHWESTERN UNIVERSITY	IL	R21AI140029	Identifying Kawasaki Disease-Specific Antibodies and Antigens	\$0
2019	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI139246	The effects of influenza virus genomic heterogeneity on replication dynamics and the host response	\$391,035
2019	UNIVERSITY OF CHICAGO	IL	R21AI144136	Rickettsia conorii transposon mutagenesis and Spotted Fever pathogenesis	\$243,000
2019	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI144500	Applying Ribo-Seq and RNA-Seq to identify quorum sensing pheromones and their regulons	\$234,693
2019	NORTHWESTERN UNIVERSITY	IL	K23AI141694	Cellular and Molecular Mechanisms of the Pathogenesis of Aspirin Exacerbated Respiratory Disease	\$189,664
2019	UNIVERSITY OF CHICAGO	IL	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$1,000,000
2019	UNIVERSITY OF CHICAGO	IL	F32AI145177	Identifying determinants of human immunity against influenza: a multiscale approach	\$65,304
2019	NORTHWESTERN UNIVERSITY	IL	R01AI118257	Accessory Virulence Factors of Pseudomonas aeruginosa	\$447,652
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI051390	Immunology of factor IX gene transfer to liver	\$393,750
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI143254	Subtractive assembly approaches for inferring disease-associated microbial genes and pathways from microbiome sequencing data	\$264,518
2019	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$481,534
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$463,320
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI144430	Identifying Wolbachia effectors that facilitate host infection	\$335,082
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$391,045
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$509,546
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI124723	Translational control during stage conversion of Toxoplasma, an opportunistic infection of HIV/AIDS	\$393,534
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI116548	The quinazolinone class of antibacterial agents	\$602,009
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI142383	Topological Heterogeneity as an Evolved Source of Structural Diversity in Viral Polyproteins	\$226,334
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI1131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	\$503,625
2019	UNIVERSITY OF NOTRE DAME	IN	R37AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$466,899

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123271	Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors	\$392,250
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132463	Cytoskeletal machinery driving invasion by the human pathogen, <i>Toxoplasma gondii</i> .	\$399,100
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	K23AI135094	Upper Airway Microbial Development During the First Year of Life	\$182,967
2019	PURDUE UNIVERSITY	IN	R01AI130186	Repurposing auranofin and ebselen for treatment of multidrug resistant pathogens	\$446,984
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI144256	Functional assessment of the regulation of mosquito sexual dimorphism by non-coding RNAs	\$236,250
2019	PURDUE UNIVERSITY	IN	R01AI146160	Advancing innovative therapies against pandrug-resistant Gram-negative superbugs	\$673,485
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i>	\$518,582
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$377,619
2019	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$638,825
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123486	Role of the gut microbiota in shaping severity of malaria	\$351,464
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI138283	Extending the scope of PLX-R18 for H-ARS: efficacy in special populations and DEARE	\$628,096
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI137918	Type IV Secretion in an Obligate Symbiont	\$233,769
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI138430	Investigation of the essential, conserved RodZ protein in peptidoglycan synthesis in the ovococcal pathogen, <i>Streptococcus pneumoniae</i>	\$44,524
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134818	The Role of HBeAg in HBV Persistence	\$409,190
2019	UNIVERSITY OF NOTRE DAME	IN	R21AI144095	Identification of candidate genes conditioning mosquito immune response to arboviruses	\$245,500
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI145239	Epitranscriptomics in the AIDS-opportunistic pathogen <i>Toxoplasma gondii</i>	\$193,487
2019	PURDUE UNIVERSITY	IN	R01AI148523	Repurposing novel selective drugs for treatment and decolonization of vancomycin resistant enterococci	\$751,315
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI114668	Resistance to Carbapenem Antibiotics in <i>Acinetobacter baumannii</i>	\$540,927
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120962	Antibacterial activity of peptidoglycan recognition proteins	\$390,000
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI125682	Defining clinical and sterile immunity to <i>Plasmodium falciparum</i> infection using systems biology approaches	\$185,224
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$344,200
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132771	The control of allergic immune responses by follicular regulatory T cells	\$534,200
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI138255	Prostate pathogenesis during <i>Toxoplasma gondii</i> infection	\$199,838

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2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI139176	Coxiella manipulation of cholesterol in the intracellular niche	\$429,099
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI135155	Cellular RNA binding and regulation by NFX1-123 and its perturbation by high risk human papillomavirus E6	\$196,875
2019	PURDUE UNIVERSITY	IN	R61AI140474	Smartphone-based diagnostic for HIV self-testing	\$378,111
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI129241	Th9 cells in immediate hypersensitivity	\$393,750
2019	PURDUE UNIVERSITY	IN	R01AI095366	Rapid Generation of Vaccine Candidates Against Novel Wuhan Coronavirus (SARS-CoV-2) Using the Bacteriophage T4 Nanoparticle Platform	\$646,229
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116496	The GCN5b acetylation complex in the AIDS pathogen Toxoplasma	\$385,800
2019	PURDUE UNIVERSITY	IN	R01AI123037	Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline	\$715,936
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI145662	Estimating the cascade of HIV care under incomplete outcome ascertainment	\$236,250
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI146278	Role of Interferon-gamma in Clearance of Chlamydia trachomatis Infection in Women	\$183,863
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$3,729,014
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI125360	Empowering functional genomics of An. gambiae through inversion genotyping	\$486,262
2019	PURDUE UNIVERSITY	IN	R01AI127465	Effector-mediated Ubiquitin Manipulation in Legionella Pneumophila Pathogenesis	\$392,206
2019	PURDUE UNIVERSITY	IN	R01AI132681	Combating Deadly Gram-negative Lung Infections: An Inhalation and Systems Approach	\$565,399
2019	PURDUE UNIVERSITY	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$709,414
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI144022	The Structural Biology of HBV	\$375,353
2019	PURDUE UNIVERSITY	IN	R03AI130609	Investigation of VP40 mutations found in previous outbreaks on the assembly and budding of filoviruses	\$78,178
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI142013	Identification of a New RIPK3-Dependent Cell Death Pathway	\$78,750
2019	PURDUE UNIVERSITY	IN	R01AI128364	Antiviral Lead Identification to Treat Filovirus Infections	\$639,566
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$390,000
2019	PURDUE UNIVERSITY	IN	R01AI114814	Emerging virus-host cell protein interaction networks	\$711,675
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$477,223
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI144881	Rotavirus Vaccines Engineered as Vectors Against Other Enteric Diseases	\$223,582
2019	UNIVERSITY OF NOTRE DAME	IN	R21AI137891	A Novel Droplet Digital PCR Method for Population-based Plasmodium falciparum hrp2 Deletion Diagnosis	\$231,750

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2019	UNIVERSITY OF NOTRE DAME	IN	R21AI139881	Exosomes as carriers of mycobacterial RNA: Novel mechanism of immune regulation	\$193,125
2019	PURDUE UNIVERSITY	IN	R21AI139950	A New Targeting Approach to Inhibit Budding of the Ebola Virus	\$226,408
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH3AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	\$148,496
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI142471	RNA Selection in the Packaging of Segmented dsRNA Viruses	\$223,889
2019	UNIVERSITY OF NOTRE DAME	IN	R21AI146699	Light Triggered Controls of Mosquito Diapause	\$231,750
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI117835	Targeting latently infected Tfh cells to achieving a functional cure of HIV-1	\$385,841
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI129543	Building better T cell receptors for targeted immunotherapy	\$828,987
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	\$393,750
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134727	The Role of the Skin Microbiome in Cutaneous Ulcers in Children in the Tropics	\$618,675
2019	PURDUE UNIVERSITY	IN	R01AI136995	SET Domain Epigenetic Factors Govern Antifungal Drug Efficacy and Fungal Pathogenesis	\$380,246
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	\$665,655
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$196,656
2019	PURDUE UNIVERSITY	IN	R01AI111095	HBGA receptors in host cell entry and infection of norovirus	\$481,337
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	\$429,173
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123457	Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	\$540,813
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI118933	Multimode Observation of Virus Capsid Assembly	\$382,886
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI135356	Identification of regulatory elements in the II9 gene	\$78,750
2019	UNIVERSITY OF NOTRE DAME	IN	P01AI127338	Harnessing the power of experimental genetic crosses and systems genetics to probe drug resistance in malaria	\$2,366,515
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI139992	Coxiella survival mechanisms in the acidic intracellular niche	\$194,063
2019	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116706	The role of the urethral microbiome in idiopathic urethritis in men	\$700,004
2019	UNIVERSITY OF NOTRE DAME	IN	R01AI136904	Development of Antibiotic Adjuvants for Gram-Negative Bacteria	\$735,159
2019	UNIVERSITY OF NOTRE DAME	IN	R21AI142127	Exploration of the genetic interaction between secreted virulence determinants from pathogenic mycobacteria	\$231,750
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI136525	Development of a next generation vaccine to prevent pertussis	\$189,375
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R03AI135762	Regulatory mechanisms controlling TcdE production in Clostridium difficile	\$76,000

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2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI130613	Molecular bases of human parvovirus B19 entry	\$229,500
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI139154	The causes of balancing selection on immunity genes: from populations to molecular interactions.	\$369,800
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI141586	Discovery of Hsp100-selective inhibitors for targeting multiple microbial pathogens	\$514,035
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI143709	Mechanisms regulating poxvirus post-replicative protein synthesis	\$375,906
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI142028	HBV RNAs produced by viral replication and derived from integrated HBV DNA as potential biomarkers predicting the efficiency of clinical response to nucleos (t)ide analogs	\$191,250
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI139572	Human bocavirus 1 (HBoV1) capsid entry and intracellular trafficking of polarized human airway epithelium	\$191,025
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI130092	Small Molecule Protease Inhibitors against MERS-CoV	\$734,924
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI135457	Discovery of GPCR-targeted insecticides for malaria mosquito control	\$189,760
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI134768	Biology and infection of bats with novel bat influenza viruses	\$409,517
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI139198	Identification of CYP5122A1 inhibitors as chemical probes for Leishmania biology	\$648,204
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI146517	Identification of small molecule probes for dissecting the roles of sorting platform components within the type III secretion system	\$227,250
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI135701	Improved Informatics for Epitope Mapping by Hydrogen Exchange-Mass Spectrometry	\$192,392
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI140760	The protease network that regulates innate immunity in mosquitoes	\$555,337
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI143407	Comprehensive molecular and functional analyses of anti-HIV-1 broadly neutralizing antibody repertoires	\$242,775
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144698	Normalizing Pathogen Exposure and Pregnancy	\$191,250
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144624	Chaperone-Mediated Secretion of Borrelia Lipoproteins	\$225,591
2019	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	\$536,311
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI123351	Assembly/function of the sorting platform of the Shigella type III secretion apparatus	\$452,820
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI121073	Mechanistic control of metabolism and virulence by fatty acid kinase in MRSA	\$382,500
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	U01AI138323	Progenitor cell based therapy to mitigate radiation induced gastro intestinal syndrome	\$530,183

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2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144923	Regulation of HDV infection in humans	\$191,250
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	F32AI145158	Contribution of YjbIH to Virulence Factor Regulation and Host Colonization in Staphylococcus Aureus	\$67,730
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125093	Generating Native Env Glycosylation in HIV Vaccine Candidates	\$671,763
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI144408	Probing antigen specificity and response of autoimmune B cells in Neuromyelitis Optica	\$227,250
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI142361	CryoEM Structures of LF-Anthrax pore translocon at pH 5.5	\$76,500
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K22AI134993	Investigating How ADP-ribosylation Impacts Innate Immunity During Coronavirus Infection	\$162,000
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI138970	Vaccines to counter emerging antibiotic resistance	\$1,114,852
2019	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI140701	Development of a broadly protective subunit vaccine against Pseudomonas aeruginosa	\$237,875
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI144564	Parvovirus B19 NS1 nickase-based high-throughput screening and structure study of the nickase	\$229,500
2019	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI147276	Mechanisms for generating cargo specificity in inflammasome-mediated exosome secretion	\$422,829
2019	NECTAGEN INC	KS	R43AI142839	Development of Enzyme Replacement Therapy for Complement C2-Deficiency	\$150,000
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$450,070
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI135345	HDAC6 regulation of beta-catenin and endothelial adherens junctions in sepsis	\$191,250
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI142576	Endothelial JAK3 expression and inflammatory lung injury in sepsis	\$229,500
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI118814	Lead Optimization of ML336, a Potent VEEV Inhibitor	\$594,463
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI129959	Enhanced diagnostic assessment in lupus using differential scanning calorimetry	\$347,599
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI135225	Zinc acquisition in Yersinia pestis	\$188,896
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI121281	A novel immunomodulatory approach to overcome innate and adaptive immune barriers to islet transplantation	\$376,360
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI144648	Conditional Null Mutants in the Study Essential Gene Products of Chlamydia	\$214,766
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI139671	Understanding the Host-Microbiome-Therapeutic Triad: Implications for Designing Alternative Intravaginal Delivery Platforms to Treat Bacterial Vaginosis	\$498,301
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$459,000

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2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI119022	Structure and mechanism of the ESX secretion system from pathogenic mycobacteria	\$376,250
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	T32AI132146	Inflammation and Pathogenesis Training Program	\$139,813
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI140195	Innate immunity and inflammatory response of macrophages to Legionella infection	\$382,727
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI142063	Inhibition of GSDMD as a new treatment for infection	\$221,550
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$338,626
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$549,255
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R24AI138963	An ethnically diverse genomic reference resource for the human heavy and light chain immunoglobulin loci	\$394,002
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI145335	Quantitative Approaches for Drug Testing in Chronic Toxoplasmosis: Leveraging New Insights Into Bradyzoite Biology Within Tissue Cysts In Vivo	\$368,720
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI146016	Role of the Trophic Forms of Pneumocystis in Lung Response to Infection	\$222,610
2019	THERAPYX INC	KY	R43AI147718	Encapsulated anti-IL-10 for the immune therapy of gonorrhea infection	\$239,162
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI120244	Molecular and Cellular Pathogenesis of Legionella	\$375,000
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI123486	Role of the gut microbiota in shaping severity of malaria	\$148,030
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$373,220
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI128862	Biosynthesis and medicinal chemistry of the capuramycin antimycobacterial antibiotics	\$200,000
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI136821	Gender-dependent innate IL-10 production as a key pathogenic factor to promote toxoplasmic encephalitis	\$229,500
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI140758	Mechanisms of actin cytoskeleton modulation by Pneumoviruses	\$614,210
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI139956	Post-transcriptional regulation in Borrelia burgdorferi by the BpuR RNA-binding protein	\$188,791
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI142590	Population level characterization of human immunoglobulin heavy chain germline variants with impacts on variability in the Ab repertoire of healthy adults	\$357,431
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI137324	Immunomodulatory mechanisms of E-FABP in psoriasis pathogenesis	\$385,000
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	F31AI147404	Identification of a novel zinc acquisition system in Yersinia pestis	\$31,468

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2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$438,459
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI128818	Regulation of dermal gammadelta T cells by microbial pathogens/commensals in health and psoriasis	\$194,902
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI127970	Mechanisms of successful vaccine adjuvants	\$385,000
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI135592	Function and Stability of Expanded Regulatory T cells in Obese Renal Transplant Candidates	\$76,500
2019	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F31AI147417	Chlamydia trachomatis Secreted Effector Proteins: Infection Properties and Identification of Host Targets	\$33,115
2019	THERAPYX INC	KY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2019	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U01AI132817	Targeted delivery of immunomodulatory biologics for induction of immune privilege to allogeneic pancreatic islet grafts	\$388,154
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$370,000
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123029	Effect of immunization route and prior immunity for a live attenuated varicella AIDS vaccine	\$770,726
2019	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI114697	Development of Novel Adjuvants LTA and LTA1	\$746,439
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI113720	Neutrophil Function in Bacterial Pneumonia	\$369,629
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$468,288
2019	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$380,675
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI145642	Genetically Modified NKT Cells to Target Viral Reservoirs	\$297,500
2019	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,500
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$366,228
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	\$370,000
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132244	Structure-based design of novel Lassa virus glycoproteins for vaccine development	\$1,198,010
2019	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI139288	Whole body to single cell analysis of the HIV reservoir	\$739,281
2019	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI143839	Regulation of Legionella pneumophila pathogenesis by the central eukaryotic metabolic checkpoint kinase Mechanistic Target of Rapamycin (MTOR)	\$365,000
2019	Louisiana State University System	LA	R01AI134807	CTFC Mediated HSV-1 Gene Expression in Latency and Reactivation	\$28,662
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI147372	Early Immune Development and Function in Neonates Exposed to Maternal HIV Infection	\$508,514

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2019	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI118904	ThThe Role of Epithelial-Stromal Communication in the Human Papillomavirus Type 16 Life Cycle	\$362,500
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	\$322,777
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$316,280
2019	LOUISIANA ST UNIV, PENNINGTON BIOMEDICAL RES CTR	LA	R21AI138136	A Unique Receptor Agonist Approach for Type 1 Diabetes Prevention	\$193,101
2019	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$4,400,187
2019	Louisiana State University System	LA	R01AI118860	Consequences of vaginal microbiota on IFN γ -mediated clearance of Chlamydia trachomatis	\$608,392
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI138701	Focused characterization of non-canonical T cells against SIV	\$212,500
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI133681	Role of Lung Mesenchymal Stem Cells in Pneumonia-induced Sepsis	\$185,000
2019	Louisiana State University System	LA	R21AI140088	Myeloid CFTR Defect and CF Pathogen Selection	\$220,500
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI145096	Candida mediated protection against polymicrobial sepsis	\$570,000
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132223	Preclinical evaluation of a potent Lassa fever immunotherapeutic antibody cocktail	\$1,111,574
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$457,733
2019	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$0
2019	Louisiana State University System	LA	K23AI137121	mHealth Peer Support to Reduce Rates of STIs in Black MSM PrEP Users	\$146,664
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI141968	How HSV repurposes host transcriptional machinery for viral gene expression	\$365,940
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI125542	The Role of STa in ETEC Pathogenesis	\$376,250
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134245	Host-Directed Therapy to Augment anti-M. tuberculosis Responses in the Setting of HIV Co-infection and to Sterilize the Tuberculoma	\$916,047
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI140840	Role of Lipid Antigen-Specific T Cells in the Anti-mycobacterial Immune Response of BCG/SIV Infected Macaques	\$212,500
2019	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI116851	Roles of the UL148 glycoprotein in human cytomegalovirus cell tropism	\$362,500
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI146199	Mechanistic regulation of ammonia metabolism in Aedes aegypti mosquitoes	\$391,779

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2019	TULANE UNIVERSITY OF LOUISIANA	LA	U19AI115589	International Collaboration in Infectious Disease Research on Lassa fever	\$668,295
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI136100	Genetically Modified Gamma Delta T Cells to Target SIV Reservoirs	\$229,238
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R15AI140226	Synthesis of Lipooligosaccharide-Capsular Polysaccharide Conjugates for the Prevention and Treatment of Infections Caused by Acinetobacter baumannii	\$430,960
2019	Louisiana State University System	LA	R21AI146454	Probing mechanism and outcome of Chlamydia trachomatis response to antimicrobial insults	\$220,500
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI139307	Determinants of Enteric Calicivirus Infection.	\$370,000
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI137822	GCN2 signaling in pathogenic and regulatory T cell development in allergic airway inflammation	\$185,000
2019	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$452,750
2019	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI131433	Testing novel microbicide candidates in sustained release formulations	\$643,131
2019	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI140500	Innate Immunity in Lung Infection-induced Sepsis	\$585,488
2019	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI132149	Late trafficking of incoming HPV16	\$365,000
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042006	Cost-Effectiveness of Preventing HIV Complications	\$855,309
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI042347	Molecular Biology and Virulence of CTX Phage	\$518,377
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$480,607
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$499,455
2019	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$600,696
2019	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$326,503
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$4,894,199
2019	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$211,256
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$560,972
2019	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,033,774
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$442,500
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$621,120
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$531,000
2019	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$428,450
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$535,507
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI116979	Novel mechanisms of T cell costimulation: the role of LRRC8A in T cell activation	\$191,970

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2019	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$4,400,000
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$530,998
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$3,054,327
2019	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$492,924
2019	MICROBIOTIX, INC	MA	R44AI100332	Optimization of novel pyranopyridine efflux pump inhibitors	\$987,681
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI121421	The Role of Innate Immune Cell Trafficking in Th2 Differentiation	\$200,880
2019	TUFTS UNIVERSITY	MA	R01AI110684	Mammalian cell collaboration with bacterial type III secretion	\$412,500
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI124982	Conformational Landscape of the HIV-1 Envelope Glycoproteins	\$683,064
2019	BETH ISRAEL HOSPITAL	MA	R01AI116596	Ultrasensitive C.difficile toxin measurement for diagnosis and outcome prediction	\$809,845
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI125631	The Clinical and Economic Impact of Penicillin Allergy	\$136,892
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI143480	Characterization of CD8+ T cell killer activity and the mechanisms responsible for detachment from dead target cells	\$63,746
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI142872	Induction of food allergen-specific neonatal tolerance through breast milk	\$531,000
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI135520	Characterization of a novel interaction between intracellular T. cruzi amastigotes and host mitochondria	\$199,375
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI130934	Immune progression and plasticity in relation to child age	\$234,997
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$69,211
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI132387	Molecular basis of action and pathogenesis of Clostridium difficile toxin B	\$727,954
2019	Lyndra Therapeutics, Inc.	MA	R01AI131416	Development of Ultra Long-Acting Oral HIV Therapies	\$1,323,542
2019	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$1,582,260
2019	BETH ISRAEL HOSPITAL	MA	F32AI124590	Identification and Characterization of Novel Antimicrobial Adjunctives to Restore Susceptibility to Carbapenem Resistant Enterobacteriaceae	\$65,606
2019	ABCAM INC	MA	R21AI135900	Isolation of Antibody-based Steric Inhibitors	\$131,382
2019	Trustees Of Boston University	MA	R33AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	\$469,041
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	Regulation of the follicular T-cell response to autoimmunity	\$431,448

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2019	BRANDEIS UNIVERSITY	MA	R03AI136720	The Effect of Extended Antigen Release on Carbohydrate Specificity of the Antibody Response	\$81,250
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131452	Characterization of 3.47, a NPC1-targeting inhibitor of Ebola GP-mediated entry	\$32,641
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI133041	Defining the role of let-7 miRNAs in the differentiation of exhausted and memory T cells	\$196,104
2019	BETH ISRAEL HOSPITAL	MA	R03AI138083	Role of the Tie2-Angpt axis in the regulation of endothelial cell immunogenicity	\$87,500
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI137485	The Aspergillus fumigatus Genetic Variant and Isolate Repository (FumigatusGVIR): A community resource to facilitate association mapping of pathogenicity associated traits	\$195,515
2019	KARYOPHARM THERAPEUTICS INC.	MA	R44AI124949	Evaluating the impact of novel inhibitors of nuclear pore export in SLE	\$982,411
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136253	Innate Immune activation of Cutaneous Lupus	\$209,375
2019	BOSTON COLLEGE	MA	R21AI136074	Simple Retroviruses and Resistance to Tetherin	\$195,625
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136532	Mechanisms of CD36-mediated parasitophorous vacuole maturation in macrophages infected with Leishmania amazonensis	\$209,375
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI139363	Disruption of gene function in Naegleria	\$199,375
2019	BRANDEIS UNIVERSITY	MA	R21AI140030	Directed Evolution of Zika EDE Glycoantigens	\$124,644
2019	TUFTS UNIVERSITY	MA	R01AI137358	Molecular Mechanism of Action of the Influenza PA-X Host Shutoff Protein	\$410,462
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139095	Differential roles for type I interferon and inflammatory pathways in autoimmune diabetes	\$592,406
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K22AI132937	Control of antibody responses in vaccination and allergic inflammation by follicular regulatory T cells	\$106,918
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138369	Disentangling the Death Decision: How Living Cells Release Interleukin-1	\$32,704
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127654	Generation of Robust Resident Memory T cells in Barrier Tissues through Skin Vaccination	\$1,025,901
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI138790	Optimizing HIV-specific T-cell responses by therapeutic vaccination	\$638,664
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134989	Type 2 Immunity Elicited Through an LTE4/GPR99-Dependent Pathway	\$639,365
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI112823	Structure and Function Studies of LL-37 Binding to CsrS of Group A Streptococcus	\$190,294
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI139083	Cell surface biogenesis in Streptococcus pneumoniae	\$430,086
2019	NORTHEASTERN UNIVERSITY	MA	R21AI141227	Lead optimization of hits identified from virtual and experimental screens of multiple industrial libraries DNDi	\$197,029
2019	ENRICH THERAPEUTICS INC.	MA	R43AI147734	Single clone discovery using an image-based cell isolation platform	\$187,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	TUFTS UNIVERSITY	MA	R21AI147658	Mechanisms of Phage Predation on Environmental Vibrio cholerae	\$205,275
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI145941	Molecular mechanisms of schizogony in malaria parasites	\$617,178
2019	TUFTS UNIVERSITY	MA	R01AI147625	Biophysical and structural analysis of the herpesviral nuclear budding machinery	\$616,501
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$515,835
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI134116	Theranostic approach to transplant rejection using engineered cell biosensors	\$210,625
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI145509	Approaches to inducing broadly neutralizing antibodies with immunogens mimicking steric occlusion of the MPER as configured on the HIV-1 virion surface	\$445,000
2019	PhAST Corp.	MA	R43AI145769	Using combinations of single-cell phenotypes for rapid antibiotic susceptibility testing	\$300,000
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138368	A genetic template for generating universally protective responses to influenza	\$32,723
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI141885	Staphylococcus aureus extracellular vesicles: host-pathogen interactions	\$493,947
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI142415	High Quality Long Term Preservation of Sporozoites via Deep Supercooling	\$252,000
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI136041	Eicosanoid Networks in Aspirin Hypersensitivity	\$549,828
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI040618	Lung-Resident Memory Th2 cells in Asthma - New Therapeutic Targets	\$482,845
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI143225	Innate T cells learn to find their activating ligands in the skin during their thymic education using cholesterol byproducts	\$251,250
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$487,080
2019	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$432,500
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$10,912,576
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$418,750
2019	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$11,500,000
2019	BROAD INSTITUTE INC	MA	R01AI114855	Elucidating Genetic Determinants of Resistance to Lassa Hemorrhagic Fever	\$751,833
2019	BRANDEIS UNIVERSITY	MA	R01AI122802	Unraveling the polymodal behavior of sensory transduction receptors	\$452,320
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI121491	Humoral mechanisms of tolerance in peanut oral immunotherapy	\$197,208
2019	DANA-FARBER CANCER INSTITUTE	MA	P01AI126901	Targeting Immunogenicity to the MPER Hinge and C-helix for BNAb Elicitation	\$1,744,691

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	BETH ISRAEL HOSPITAL	MA	UM1AI126603	Combined Immunologic Approaches to Cure HIV-1	\$5,042,075
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	K24AI116925	Determining the genetic and diagnostic markers of acute renal allograft rejection	\$187,626
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$789,780
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI118502	Sensitive and quantitative point-of-care viral load testing on paper	\$443,750
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	K24AI131928	Addressing Major HIV Prevention and Health Outcomes Questions in an Era of Universal ART: Mentoring in a Community-Randomized Trial	\$188,858
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI114557	Neutralizing Antibodies in Acute and Persistent Epstein-Barr Virus Infection	\$593,287
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132963	Novel humanized mouse model developed from cord blood CD34 positive HSC and autologous iPS cell derived thymus	\$1,212,059
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI132606	Genomics approaches to elucidating pathways to antibiotic resistance in Neisseria gonorrhoeae	\$398,750
2019	BETH ISRAEL HOSPITAL	MA	R01AI120828	Antigen-Specific NK Cell Memory Against SIV and HIV Vaccines	\$876,592
2019	BETH ISRAEL HOSPITAL	MA	R01AI129797	Optimization of Broadly Neutralizing Antibodies for HIV Eradication	\$700,581
2019	BETH ISRAEL HOSPITAL	MA	P01AI131365	Viral dynamics of rebound and control following early treatment of HIV/SIV	\$1,515,070
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124718	Resistance testing versus adherence support for management of patients with virologic failure on first-line antiretroviral therapy in sub-Saharan Africa: An open-label randomized controlled trial	\$656,150
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI132898	The microbiota and allograft rejection: novel investigations into the consequences of obesity	\$642,745
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127768	MMP13 expression and function in allergic inflammation	\$407,286
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132296	Novel immunotherapeutics against multidrug-resistant Neisseria gonorrhoea	\$1,118,405
2019	BROAD INSTITUTE INC	MA	R01AI132300	New targets against tuberculosis	\$1,083,404
2019	Trustees Of Boston University	MA	U19AI117892	Modeling affinity maturation at molecular resolution	\$1,900,400
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI143470	Virologic and pharmacologic determinants of dolutegravir failure in East Africa	\$198,871
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI130005	Proteomics and phosphoproteomics analysis in HIV-1 infection	\$625,344
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134857	Molecular and Metabolic inter-kingdom actions of a bacterial quorum sensing signal in promotion of host tolerance/resilience.	\$691,129
2019	ARC BIO, LLC	MA	R44AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	\$998,921

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2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI136527	Generation and Characterization of Mice with Tissue Specific Expression of Lupus Risk ITGAM SNPs	\$243,220
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI133309	Targeting type I interferon production in TB infection.	\$248,545
2019	BROAD INSTITUTE INC	MA	F32AI138458	Mapping epigenetic regulatory circuits of Th17 pathogenicity in autoimmune disease	\$63,746
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21DA045231	Safer, Non-addicting Pain Management: Identification and Expression of Cyclic Peptides with Analgesic and Breathing Stimulant Properties	\$124,000
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI135940	A clinical trial to evaluate the impact of broadly neutralizing antibody VRC01 on HIV viral reservoir and maintenance of suppression in a cohort of early-treated children in Botswana	\$2,158,015
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI135052	The Role of Canonical and Non-canonical Autophagy in B Cell Immunity	\$456,076
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI136816	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$2,569,903
2019	UNIVERSITY OF MASSACHUSETTS	MA	R03AI140259	Membrane domain dynamics in Mycobacterium tuberculosis	\$79,750
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI131757	HIV-1 translation efficiency during latency reversal	\$274,500
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI133689	Functional regulation of an arenavirus polymerase by the viral matrix protein and RNA ligands	\$32,779
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139914	Elucidating the structural mechanism of pore formation by the (GSDM) Gasdermin family	\$514,489
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI139339	Mycobacterial determinants of escape from pathogen-specific immunity	\$201,160
2019	Trustees Of Boston University	MA	R21AI135517	Genetic probing of residues involved in ebolavirus glycoprotein entry	\$206,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	T32AI132152	Training in the Molecular Basis of Autoimmunity and Autoinflammation	\$141,469
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI133989	Solid-state NMR studies of the dynamic interactions of the influenza A M2 membrane protein with water, antiviral drugs, and the M1 protein	\$45,016
2019	TUFTS UNIVERSITY	MA	R21AI136711	Structural dynamics of the HIV-1 genomic 5' UTR	\$202,350
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI130408	Endophenotypes of food allergy in response to oral immunotherapy	\$200,720
2019	TUFTS UNIVERSITY	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	\$158,491
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI145547	Enrichment of the State-1 Conformation of the HIV-1 Envelope Glycoprotein	\$681,068
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI141181	A novel vaccine against multidrug-resistant gonorrhea	\$967,287
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI143449	Identification of novel HIV-derived antigens	\$252,000
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI144139	iNKT cells hyperactivate DCs	\$256,650
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI139538	Elucidating Germinal Center-Mediated Antibody Evolution	\$610,560

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2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI143887	Role of Siglec-E in Regulating Alloimmunity	\$442,187
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI145537	A urine tenofovir immunoassay to distinguish adherence versus resistance-based HIV treatment failure	\$270,448
2019	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI136137	Preclinical development of Novo29, a new antibiotic	\$999,992
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI145181	Quadruplet Decoding for Multiplexed Non-Canonical Amino Acid Incorporation	\$45,016
2019	Trustees Of Boston University	MA	R01AI110638	Structure and Development of Oocyst and Sporocyst Walls	\$408,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI145932	Mechanisms of cross-presenting antigens in phagosomes on MHC I molecules to stimulate CD8 T lymphocyte responses	\$418,750
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI139352	The Role of IL-5 and Local Nasal Polyp Immunoglobulin Production in Aspirin-Exacerbated Respiratory Disease	\$197,640
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI124284	Dissecting the mechanism of age-specific adjuvant synergy in vitro and in vivo	\$556,516
2019	BETH ISRAEL HOSPITAL	MA	UG3AI150551	Delivery Technologies for In Vivo Genome Editing	\$796,846
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI141843	Malaria Genomic Epidemiology for Identifying Sources of Malaria Infection and Transmission	\$239,250
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134842	The novel role of the immunoproteasome subunit LMP7 in allo-immunity and T cell exhaustion	\$373,910
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$508,916
2019	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$385,184
2019	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$653,222
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI018045	Genetic analysis of toxinogenesis of Vibrio cholerae	\$847,498
2019	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$391,250
2019	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2019	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$6,259,351
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$589,086
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$430,190
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$522,076
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$434,750
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI117839	Next generation hybrid nucleases for precise excision of latent HIV-1 provirus	\$937,745

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2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI118692	Training Program in Immunological Tolerance and Autoimmunity	\$193,669
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114790	Immune defenses against Neisseria gonorrhoeae	\$629,859
2019	Trustees Of Boston University	MA	F31AI140656	Investigating the pathogenicity of ebolavirus in human iPSC-derived hepatocytes	\$45,016
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI123265	Granulysin, Granzymes and Perforin in Bacterial Immune Defense	\$442,500
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114495	Elucidation of the role of 2 novel cross presentation genes	\$418,750
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126596	Protection of organ transplant from ischemia reperfusion injuries	\$514,147
2019	TUFTS UNIVERSITY	MA	R01AI118898	C ALBICANS IN THE GI TRACT ENVIRONMENT	\$505,101
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131469	Detecting Infection at Its Onset: The Site of RIG-I Signaling	\$32,614
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI123086	Mechanisms of Kidney-Induced Cardiac Allograft Tolerance	\$2,058,639
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI133524	Defining regulators of immunity to acute infection using CRISPR screens	\$2,309,197
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI125816	Distinct Function and Control of Regulatory T Cell Subsets During Influenza	\$199,840
2019	TUFTS UNIVERSITY	MA	R01AI130946	The Gonococcal Fur Regulon Link to Pathogenesis	\$504,265
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$423,750
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	\$417,876
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128606	Protective function of virus-induced age-associated B cells	\$209,375
2019	BETH ISRAEL HOSPITAL	MA	U19AI128751	Development of Ad26/Env Vaccines for HIV	\$2,799,999
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI136789	Genetically-encoded fluorescent RNA sensors for measuring transport of antibiotics into the cytoplasm of Gram-negative pathogens and development of efflux pump inhibitors	\$842,084
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI131632	Killing of P. vivax infected reticulocytes by cytotoxic T cells	\$212,778
2019	Trustees Of Boston University	MA	K23AI137183	Role of B cell activating factor in non-infectious complications of common variable immunodeficiency	\$210,280
2019	BETH ISRAEL HOSPITAL	MA	K23AI132648	Optimizing Diagnostic Strategies for TB Transmission Control in Health-Care Facilities	\$188,439
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI130258	Regulation of antiviral immunity at barrier surfaces by interleukin-1 family cytokines	\$130,478
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139087	Structure and Function of C. Difficile Toxins	\$816,888
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI137940	Exploring the Role of IgA in Human Immune Homeostasis	\$223,750
2019	Trustees Of Boston University	MA	R01AI133486	Mechanisms of Marburg virus gene expression	\$529,282

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2019	TUFTS UNIVERSITY	MA	R21AI140711	Dissection of HSV-1 entry mechanisms using VSV pseudotype platform	\$206,250
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI128976	Mechanisms of Combined Immunodeficiency due to DOCK8 Deficiency	\$354,000
2019	MICROBIOTIX, INC	MA	R43AI138739	Novel Small Molecule Therapeutics Inhibiting Zika Virus Infection	\$297,627
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137164	Antibody mediated protective immunity against cholera	\$772,046
2019	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI136947	Network modeling and robust estimation of the intraclass correlation coefficient to inform the design and analysis of cluster randomized trials for infectious diseases	\$247,413
2019	HELIXBIND INC	MA	R44AI136064	An automated platform for direct-from-specimen identification of pathogens common in endocarditis	\$1,000,000
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI138800	Microchip for HBV testing using HIV-infected blood samples	\$571,090
2019	BETH ISRAEL HOSPITAL	MA	R01AI143457	Mechanisms of Natural Killer Cell Clearance of SIV from Lymphoid Follicles	\$659,902
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI137840	Zika Virus in Pregnancy in Nigeria	\$236,100
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI141189	Compounds that block a novel Candida albicans target	\$260,110
2019	Trustees Of Boston University	MA	R03AI144335	Tracking drug-resistant tuberculosis patients through time in South Africa	\$82,500
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K08AI139361	Social Epidemiology of Ebola Virus Disease	\$187,477
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144103	Laser-based non-invasive immunotherapy for food allergy	\$232,960
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI145095	Geospatial Signals in Pediatric Tuberculosis Epidemiology	\$63,822
2019	TUFTS UNIVERSITY	MA	R01AI142005	Intracellular nucleic acid sensing and age-related chronic inflammation	\$481,840
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI143612	Molecular Imaging to Identify Neutrophil Activation in ANCA Vasculitis	\$284,158
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI145097	Mechanisms by which TLR9-deficiency and FasL Promote Cutaneous Lupus	\$251,250
2019	SELUX DIAGNOSTICS, INC.	MA	R44AI136125	Next-generation phenotypic antimicrobial susceptibility test platform: rapid results and comprehensive menus	\$760,449
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136922	Focusing the vaccine-elicited T cell response on the recognition of Mtb-infected cells	\$251,250
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123312	Antimicrobial blue light inactivation of pathogenic microbes	\$515,127
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$582,513
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI146871	Role of integrin CD11b in delayed graft function and allojection	\$242,269

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2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI147685	Identification and single cell analysis of embryonic lymphoid progenitors that generate neonatal innate T cells	\$512,625
2019	Day Zero Diagnostics, Inc.	MA	R43AI148172	Automated algorithm for rapid, scalable determination of hospital acquired bacterial infections using whole genome sequencing	\$224,444
2019	BETH ISRAEL HOSPITAL	MA	R33AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$521,998
2019	NORTHEASTERN UNIVERSITY	MA	R01AI124046	Hit-to-lead optimization for sleeping sickness drug discovery	\$690,774
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI142642	Regulation of IL-1 β bioactivity by Cysteine S-glutathionylation	\$442,500
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$418,750
2019	BOSTON MEDICAL CENTER	MA	R01AI147316	Transmission Of Tuberculosis Among illicit drug use Linkages (TOTAL)	\$723,314
2019	BROAD INSTITUTE INC	MA	U19AI142780	Innovative technologies to transform antibiotic discovery.	\$7,082,911
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116550	Characterization of the myddosome, a protein complex that controls TLR signaling	\$442,500
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	\$178,549
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$598,508
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$499,291
2019	NORTHEASTERN UNIVERSITY	MA	R01AI141966	A general mechanism of persister formation	\$857,014
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI123286	Tuberculosis and T cell Recognition	\$690,876
2019	TUFTS UNIVERSITY	MA	R01AI121337	SIGNALING MECHANISMS IN VIBRIO CHOLERAE PARALLEL QUORUM SENSING PATHWAYS	\$408,634
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$189,266
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$551,046
2019	BROAD INSTITUTE INC	MA	U24AI118672	An integrated multiplexed genomic assay for low input clinical samples1	\$412,001
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI120633	Contact-Dependent Antagonism in Gut Bacteroidales	\$428,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$418,750
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123001	Cardiovascular Disease Risk in HIV-infected Women: Sex-Specific Mechanisms of Risk and Risk Reduction among REPRIEVE Trial Participants	\$743,401
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI125122	Pharmacokinetic and Programmatic Evaluations to Optimize HIV/TB Co-Treatment Regimens in Children	\$198,504

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2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI123420	Targeting Epstein-Barr Virus super-enhancers	\$443,750
2019	BOSTON MEDICAL CENTER	MA	R01AI119037	The impact of alcohol consumption on TB treatment outcomes	\$646,900
2019	HARVARD PILGRIM HEALTH CARE, INC	MA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	\$143,868
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI116920	Innate mechanisms for virus-induced diabetes	\$502,500
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126880	Regulation of CNS Autoimmunity	\$412,750
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U19AI131135	3D Models of Engineered Human iPS Cells to Investigate Neurotropic Virus Infections	\$1,731,012
2019	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$552,296
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$418,750
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI129207	The Role of the Nuclear Envelope in Antiviral Signaling and HSV-1 Restriction	\$32,596
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI117929	Immune control mechanisms of TB latency in the setting of HIV co-infection	\$442,500
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI132723	The Cysteinyl Leukotriene E4 Receptor, GPR99, Orchestrates Airway Epithelial Cell Differentiation and Type 2 Pulmonary Inflammation	\$199,800
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI130019	Pain and Neuro-immune Signaling in S. pyogenes pathogenesis	\$638,737
2019	BOSTON MEDICAL CENTER	MA	R01AI130199	The Role of Interferon Regulatory Factor 5 in the Pathogenesis of SLE	\$519,976
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127507	Nasal microRNA during bronchiolitis and age 6y asthma phenotypes: MARC-35 cohort	\$1,572,951
2019	TUFTS UNIVERSITY	MA	R21AI131004	Gonococcal In-vivo Expressed Factors (IVEFs) as novel vaccine antigens against N. gonorrhoeae infection	\$247,500
2019	TUFTS UNIVERSITY	MA	R21AI135369	DNA-RESPONSES IN WILD-DERIVED MICE	\$247,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136939	Function of CD1a on Langerhans cells in skin inflammation	\$442,500
2019	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$1,000,000
2019	Trustees Of Boston University	MA	R21AI137843	Efflux pumps and the emergence of antibiotic resistance in single cells	\$206,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132419	Dissecting the pathways controlling tunable responses to TCR signaling	\$5,718
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136529	The Functional Role of the Tetraspanin CD82/Kai1 in Fungal Innate Immunity	\$560,479
2019	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$996,881
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138353	Identification of Adipose Tissue Factors that Induce Regulatory iNKT Cells	\$32,704
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI135613	Development of a vesicle-based vaccine platform against Staphylococcus aureus	\$256,650
2019	BETH ISRAEL HOSPITAL	MA	R03AI135346	mtDAMPs and nosocomial pneumonia after injury	\$87,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI139011	Release of Extracellular DNA during Biofilm Formation in Staphylococcus aureus	\$630,172
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI139973	Forward genetic overexpression screens to identify parasite determinants of antimalarial susceptibility	\$239,250
2019	Trustees Of Boston University	MA	R21AI140258	Diagnostic and Prognostic Biomarkers for Childhood Bacterial Pneumonia in Sub-Saharan Africa	\$169,715
2019	VOLATYLIX, INC.	MA	R44AI141264	A Rapid Breath Test for Invasive Aspergillosis	\$1,000,000
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI134770	Crosslinked Nanosponges for the Topical Treatment of Wound Biofilms	\$397,710
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI136579	Improving the Care Cascade for HIV-associated Kaposi's Sarcoma in sub-Saharan Africa	\$199,862
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$653,009
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134861	Immunometabolic and epigenetic effects of obesity on innate immune surveillance in cancer	\$408,532
2019	BETH ISRAEL HOSPITAL	MA	R01AI136924	Phosphatases in Systemic Autoimmunity	\$437,500
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI142231	Suppression of the type I IFN gene signature by the long non-coding RNA-Lucif-1	\$251,250
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI138019	Regulation of HLA-C in Human Trophoblasts and its Impact on Preterm Birth	\$253,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121386	Targeting Innate Immunity in Staphylococcal Infection	\$442,500
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI131659	Bioenergetic control in immune cell function	\$199,375
2019	TUFTS UNIVERSITY	MA	R01AI142628	Microbial Disruption of Dendritic Cell Maturation and Function	\$622,687
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI136960	NMR-based dynamic assessment of TCR transmembrane conformational states linked to T cell function	\$441,250
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI141544	Exploring the roles of acquired immunity and functional constraint in sculpting malaria antigenic diversity in a longitudinal cohort	\$657,223
2019	Trustees Of Boston University	MA	R01AI141439	Metabolic Assessment of Anti-Microbial Susceptibility within One Cell Cycle	\$563,680
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI141740	Safety and tolerability of new and repurposed drugs for MDR-TB treatment	\$196,478
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K24AI141036	Mentoring in patient-oriented research on HIV and global health	\$135,900
2019	KEPHERA DIAGNOSTICS, LLC	MA	R43AI142903	Hybrid ELISA: Simple and specific one-tier assay for Lyme disease	\$299,829
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI142793	Bacterial Determinants of Treatment Response in Mycobacteria Tuberculosis	\$2,903,390
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI146855	Caspase-8 as a focal hub in effector-triggered immunity	\$584,061

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2019	BETH ISRAEL HOSPITAL	MA	R21AI142040	Apramycin scaffold exploration using novel glycochemistry and SAR studies to enhance activity against Acinetobacter baumannii and other multidrug-resistant Gram-negative pathogens	\$266,324
2019	TUFTS UNIVERSITY	MA	R21AI147176	Regulation of human papillomavirus pathogenesis by long non-coding RNAs	\$243,600
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI143160	Defining Features of Bacterial Control in M. tuberculosis Granulomas Using Single-cell mRNA Sequencing	\$36,506
2019	TUFTS UNIVERSITY	MA	R21AI145357	Understanding the mechanism of host responses to pathogen-derived DNA	\$243,600
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$441,589
2019	UNIVERSITY OF MASSACHUSETTS	MA	R37AI147868	The HUSH complex in HIV-1 latency	\$800,162
2019	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R03AI142273	Role of Interleukin-22 in the Salivary Gland Disorder in Autoimmune Sjögren's Syndrome	\$99,500
2019	HARVARD PILGRIM HEALTH CARE, INC	MA	R21AI143386	Population-Level Effects of Increasing PrEP Uptake on HIV and Bacterial STIs	\$261,623
2019	DANA-FARBER CANCER INSTITUTE	MA	R21AI142502	The role of Ig Polymorphism in shaping the Broadly Neutralizing Antibody Response to Hemagglutinin HA stem domain(s) of Influenza A, Group 1 and 2 Viruses	\$267,000
2019	TUFTS UNIVERSITY	MA	F30AI143006	Th17 Cells in Transplant Rejection	\$40,762
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI145157	Acquisition, maintenance, and transmission of antibiotic resistance in Neisseria gonorrhoeae	\$61,610
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI141940	Structural studies of herpesvirus DNA polymerases	\$211,875
2019	TUFTS UNIVERSITY	MA	R01AI121401	Multiple B. burgdorferi Factors Collaborate to Evade Complement-Mediated Defenses	\$622,935
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$533,176
2019	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$412,500
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$784,976
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$426,342
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$2,043,956
2019	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$562,169
2019	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,620,844
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$2,702,555
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI114552	Infant specific-IgE, rhinovirus-C bronchiolitis, and incident asthma in MARC-35	\$812,392
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$503,943

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2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$704,580
2019	UNIVERSITY OF MASSACHUSETTS	MA	F32AI147508	The role of immunity in shaping Mycobacterium tuberculosis metabolism	\$61,226
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114622	Role of host fatty acid metabolism in Trypanosoma cruzi amastigote growth	\$403,750
2019	TUFTS UNIVERSITY	MA	R01AI109048	Role of Listeria CodY in Integrating Metabolism and Virulence	\$573,134
2019	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$400,000
2019	BOSTON MEDICAL CENTER	MA	R01AI122209	CD1a Vaginal Dendritic Cells and HIV-1 Acquisition in the Female Genital Tract	\$426,516
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI119065	Role of SCARF1 in apoptotic cell clearance and prevention of autoimmunity	\$412,800
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI127193	Structure-function studies of the membrane-interacting domains of HIV-1 Env spike	\$811,866
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI130392	Carbohydrate Public Good Interactions in Healthy and Dysbiotic Bacteroidales Communities	\$191,970
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI121285	Studies of IGHV Germline Gene Polymorphism, Utilization & Shifting for Seasonal Influenza Vaccine Induced Broadly Neutralizing Antibody Responses	\$917,070
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI123516	CLEC-2/Pdpr Mediated Regulation of Airway Inflammation	\$11,449
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127236	Evaluating Portfolio Interventions for HIV Incidence Reduction in the United States: Development of a Novel Agent-Based Decision-Analytic Model for Dynamic Evaluations of Interventions	\$349,474
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI132120	Bacteriology PhD Training Program	\$350,358
2019	Trustees Of Boston University	MA	R01AI134430	Predictors of Resistance Emergence Evaluation in MDR-TB Patients on Treatment (PREEMPT)	\$884,552
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI130307	FDC regulation of self-reactive B cells	\$531,000
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI142343	Novel Nutrient-sensing Pathway Suppresses Pathologic Tissue Remodeling	\$254,250
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112748	Finding and Treating Unsuspected and Resistant TB to Reduce Hospital Transmission	\$691,924
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI136750	Interrogating mechanisms of HIV pathogenesis in the humanized BLT mouse model	\$65,606
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI137337	Metabolic Network Remodeling in Epstein-Barr Virus Lymphomagenesis	\$447,500
2019	BETH ISRAEL HOSPITAL	MA	K08AI132716	Antimicrobial Synergy for Carbapenem-Resistant Enterobacteriaceae	\$191,376
2019	TUFTS UNIVERSITY	MA	R21AI137667	Tegumental acetylcholinesterase as a therapeutic target for schistosomiasis	\$206,250

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2019	BRANDEIS UNIVERSITY	MA	R21AI140018	Developing Homology-Independent Targeted Insertion (HITI) toolkits for molecular genetic manipulation of <i>Drosophila melanogaster</i> and <i>Anopheles gambiae</i>	\$201,925
2019	BETH ISRAEL HOSPITAL	MA	R21AI130434	Microscopy-Based Antimicrobial Susceptibility Testing (MAST)	\$223,354
2019	BOSTON MEDICAL CENTER	MA	R01AI138960	Signals that establish and maintain HIV latency	\$437,042
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI135423	CRISPR/Cas9 based antivirals for treatment of latent and lytic Herpesvirus-1 and -2 infection in vivo	\$253,500
2019	TUFTS UNIVERSITY	MA	R21AI136022	Alterations in virtual memory induced by hyperlipidemia	\$202,350
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI132843	Metabolomic Pathways in Food Allergy	\$217,031
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI138999	Rapid, Breath Volatile Metabolite-Based Diagnostic for In Vivo Identification and Antibiotic Resistance Profiling of Bacterial Pathogens in Ventilator-Associated Pneumonia	\$1,126,926
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI102634	Dynamic Strategies for the clinical management of HIV disease	\$567,056
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138356	Role of regulatory T cell-derived Tgf-beta1 in oral tolerance	\$32,658
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137057	Innate-like BCR activity as a template for universal vaccination against influenza virus	\$543,444
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131314	Immune Control and Evadion during Acute HCV Infection	\$276,000
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI141386	Cell-based high-throughput chemical genetic screening for GSDMD inhibitors	\$442,500
2019	ARIETIS CORPORATION	MA	R01AI141193	Development of ureadepsipetides for drug-resistant infections	\$1,456,372
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144877	Distinguishing immunomodulatory intestinal viruses through examination of viruses attached to RIG-I and MDA-5	\$257,027
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI143962	Evaluating the Impact of School Nut-Free Policies	\$193,394
2019	BRANDEIS UNIVERSITY	MA	R21AI138048	Opportunities for multi-target drug discovery in tuberculosis	\$202,145
2019	BETH ISRAEL HOSPITAL	MA	R03AI144196	Targeted modification of the apramycin 2-deoxystreptamine ring to block aminoglycoside modifying enzyme-based inactivation and enhance potency against multidrug-resistant Gram-negative pathogens	\$100,867
2019	NORTHEASTERN UNIVERSITY	MA	R21AI140212	Development of Streptothricin Class Antimicrobials as Novel Therapeutics	\$219,329
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI144295	Targeting T cell Subsets in Autoimmune Disease	\$134,000
2019	VAXESS TECHNOLOGIES INC	MA	R44AI142948	Improved Influenza Vaccine Efficacy Through Infection Mimicry	\$299,698

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2019	VERSATOPE THERAPEUTICS	MA	R43AI141055	Multivalent influenza vaccine using recombinant outer membrane vesicles	\$224,974
2019	Trustees Of Boston University	MA	R21AI133264	A Rapid and Sensitive Antibiotic Susceptibility Test for Urinary Tract Infections	\$247,500
2019	DANA-FARBER CANCER INSTITUTE	MA	R33AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$567,382
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI146815	Exploring metabolic resistance to small molecule inhibitors in Trypanosoma cruzi	\$239,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI147208	Inc'ing RNA to anti-viral defense	\$251,250
2019	BETH ISRAEL HOSPITAL	MA	R21AI146485	Fusidic acid derivatization to enhance entry into Gram-negative pathogens	\$266,130
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI141543	Target-specific antimalarial compound identification using phenotypic assays	\$377,417
2019	BRANDEIS UNIVERSITY	MA	R01AI090745	Glycoantigen evolution targeting antibodies of the PGT 128 lineage	\$563,422
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$507,772
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI134025	Mesenchymal Stem Cell Regulation by Syndecan-1 in Lung Injury	\$221,250
2019	TUFTS UNIVERSITY	MA	F31AI141023	Regulation of HIV Genome Fate by 5'UTR Structural Dynamics	\$40,762
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI145062	Incorporation of a histone variant into viral chromatin to promote herpes simplex virus replication	\$38,306
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI141755	Innate Immune Response to Aspergillus fumigatus Cell Wall Carbohydrates	\$199,763
2019	TUFTS UNIVERSITY	MA	R01AI143768	Mycobacterium tuberculosis environmental signal integration: single cell in vivo understanding of its influence on infection heterogeneity and treatment efficacy	\$620,485
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$349,217
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$541,740
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$491,802
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$482,553
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$745,684
2019	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$494,409
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$408,647
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$2,164,748
2019	TUFTS UNIVERSITY	MA	R01AI122232	Spore Assembly in Clostridium Difficile	\$408,675

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2019	BROAD INSTITUTE INC	MA	R01AI117043	RNA based diagnostics for rapid pathogen identification and drug resistance	\$1,300,873
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI116834	Specification of Treg cells: FOXP3 functional facets	\$423,750
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$522,000
2019	Trustees Of Boston University	MA	R01AI116829	Gene Regulation in the Immune System	\$371,250
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI118955	Programmed cell death in P. aeruginosa	\$534,715
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI124165	Targeting steroid hormone signaling in Anopheles mosquitoes for malaria control	\$671,727
2019	BETH ISRAEL HOSPITAL	MA	R01AI127089	TLR Immunotherapy to Eradicate Anatomic SIV Reservoirs	\$579,143
2019	BETH ISRAEL HOSPITAL	MA	K08AI114958	Demographics Causes and Consequences of B Cell Repertoire Diversity	\$191,376
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI126687	The Role of PI3K in the Maintenance and Function of T Follicular Regulatory Cells	\$32,614
2019	TUFTS UNIVERSITY	MA	R01AI131656	Coping with Stress: Next Generation Approaches to Borrelia burgdorferi Host Adaptation	\$661,519
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131470	Mixed chimerism induced tolerance in heart recipients requires donor kidney cotransplantation	\$1,020,315
2019	UNIVERSITY OF MASSACHUSETTS	MA	F31AI122761	Cross-reactive CD8 T-cell responses in human viral infections	\$29,696
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136715	HIV, HCV, Hippo, and Liver Disease Progression	\$714,134
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI136431	Elucidating novel mechanisms controlling cell envelope biogenesis in Streptococcus Pneumoniae	\$63,746
2019	Trustees Of Boston University	MA	R21AI137793	Deciphering the pathogenic potential of Lloviu virus, a novel filovirus	\$247,500
2019	TUFTS UNIVERSITY	MA	F32AI138366	The genetic basis of bacterial predation by Bdellovibrio bacteriovorus	\$0
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138448	A Non-Canonical Translation Mechanism for Vesicular Stomatitis Virus	\$37,947
2019	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	K99AI137218	Understanding the highly divergent mitochondrial ATP synthase in T. gondii	\$137,160
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI138318	Therapy of acute radiation syndrome and its complications by mesenchymal stromal cells conditioned with Toll-like receptor 9 agonists	\$682,200
2019	Trustees Of Boston University	MA	R21AI135912	The role of TLR4 signaling in the pathogenesis of filovirus infection	\$206,250
2019	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R21AI140418	Glycosylated Atomically-Precise Gold Clusters: Design, Synthesis and Antimicrobial Activity	\$229,100
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI137921	Targeting scramblase TMEM16F to break T cell exhaustion	\$177,000
2019	BETH ISRAEL HOSPITAL	MA	R21AI137835	Influenza-specific memory responses mediated by human NK cells	\$221,221

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2019	ABCAM INC	MA	R01AI135151	Recombinational biopanning method for multiplex antibody:antigen screening	\$461,250
2019	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$532,744
2019	BOSTON COLLEGE	MA	R03AI135737	CRISPRi-Tn-Seq: A genome-wide high throughput tool for bacterial essential and nonessential genetic-interaction mapping.	\$78,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139615	The contribution of eosinophils and the IL-23/IL-17 axis to host responses to Aspergillus	\$418,750
2019	BRANDEIS UNIVERSITY	MA	F31AI133945	Ionotropic Receptor Function in Anopheles gambiae	\$30,916
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI141030	Novel Statistical Methods for Cluster-Randomized HIV Prevention Trials	\$30,913
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI121394	Decrypting IgE B Cell Immunobiology	\$628,572
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI144365	Cellular and humoral immunity in Lyme arthritis	\$582,807
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI139348	Clinical and viral genomic approaches to evaluate the emergence of Powassan virus	\$199,013
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI138856	HIV Infection, Placental Inflammation, and Early Childhood Outcomes in HIV-exposed, Uninfected Infants in Uganda	\$201,298
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI139735	Role of innate immune recognition in adaptive T cell development in early life	\$243,972
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI128360	Dissecting the means by which type 3 substrates are defined & secreted	\$510,186
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI143365	Accompanying HIV-positive adolescents through the transition into adult care: a feasibility study	\$246,571
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI144916	Defining host genetic factors in adverse clinical outcomes in Lyme disease	\$230,068
2019	GEL4MED, INC.	MA	R43AI143079	Novel dermal templates for prevention and treatment of biofilms in cutaneous wounds	\$300,000
2019	ALDATU BIOSCIENCES	MA	R43AI145704	PANDAA for universal, pan-lineage molecular detection of Lassa fever infection	\$299,704
2019	UNIVERSITY OF MASSACHUSETTS	MA	U01AI134585	Trial of Metformin for TB/HIV Host-directed Therapy	\$571,971
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116577	Granzyme and Granulysin Mediated Death of Trypanosoma cruzi	\$626,473
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI116604	Role of Tuberculosinyl Metabolites in M. Tuberculosis Virulence	\$443,750
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI147099	Defining the molecular mechanism of Aire in T-cell tolerance	\$265,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI145862	Decidual NK response to infection	\$815,116
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI138901	Bridging Statistical Inference and Mechanistic Network Models for HIV/AIDS	\$334,891
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI129966	Role of Clec2d-DAMP interactions in the pathophysiology of tissue injury and sepsis	\$480,896

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2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI146779	Epitope focusing by molecular grafting of subdominant epitopes to achieve a universal-influenza vaccine	\$408,458
2019	E25Bio Inc.	MA	R43AI147744	Integrated point-of-care diagnostic and data reporting platform for emerging arboviruses	\$150,781
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI144890	Mutagenesis screen to functionally characterize essential genes in Plasmodium falciparum	\$265,500
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI141717	Biomimetic nanoparticles for augmenting influenza vaccines in elderly	\$558,202
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI128068	TIM-1 and AhR: Key regulators of B-cell mediated Transplant Tolerance	\$185,140
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134940	Airway metagenome & metabolome in bronchiolitis and risk of asthma: MARC-35 cohort	\$1,044,092
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$491,731
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114968	The role of DOCK8 in autoimmunity	\$197,640
2019	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$687,504
2019	NORTHEASTERN UNIVERSITY	MA	R01AI122286	Persister cells of Borrelia burgdorferi	\$572,380
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$259,639
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,724,467
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$1,673,172
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$442,500
2019	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$435,000
2019	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$500,175
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,543,357
2019	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$139,549
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$1,072,308
2019	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$547,145
2019	UNIVERSITY OF MASSACHUSETTS	MA	P01AI132130	Systems Genetics of Tuberculosis	\$2,236,542
2019	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$409,250
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI119918	Mast cell regulation of Th2 induction and tolerance breakdown in food allergy	\$577,162
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121066	Innate control of the inflammatory process during fungal infections	\$442,500
2019	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillan	\$1,895,142

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	BETH ISRAEL HOSPITAL	MA	UM1AI124377	Consortia for Innovative AIDS Research in Nonhuman Primates	\$8,756,867
2019	NORTHEASTERN UNIVERSITY	MA	P01AI118687	Resolving the bottleneck in antibiotic discovery	\$1,726,091
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI125322	MR1 and MAIT Cell Function in Intestinal Infection	\$621,741
2019	UNIVERSITY OF MASSACHUSETTS	MA	U24AI126683	Nonhuman Primate Reagent Resource	\$2,155,998
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI113294	Mechanisms of food allergy elicited by cutaneous sensitization	\$442,500
2019	TUFTS UNIVERSITY	MA	R01AI116969	Global Transcriptome Analysis of Mucosal Gonoccal Infection	\$618,131
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U19AI118608	Systems Biology to Identify Biomarkers of Neonatal Vaccine Immunogenicity	\$1,984,196
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI126592	The Chemistry and Biology of Galactofuranose-Containing Glycans	\$460,884
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124378	CDRH3-independent B cell stimulation to selectively expand VRC01 lineages from a fully humanized immunoglobulin repertoire	\$530,570
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$413,899
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$442,500
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI131998	A Trial of Same-Day Testing and Treatment to Improve Outcomes among Symptomatic Patients Newly Diagnosed with HIV	\$553,489
2019	UNIVERSITY OF MASSACHUSETTS	MA	R33AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$465,374
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI118538	Studies of Mucosal Associated Invariant T (MAIT) cells in people with HIV, TB and HIV/TB co-infection in South Africa	\$193,482
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI128344	Deep sequencing of pathogens to precisely define transmission networks using rare variants	\$710,065
2019	MICROBIOTIX, INC	MA	R01AI132276	Oxadiazole Inhibitors of Non-Stop Ribosome Rescue to treat MDR Neisseria gonorrhoeae	\$1,100,543
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$1,625,189
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI130289	An Immune Surveillance Network in C. elegans	\$418,750
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123349	Cellular mechanisms by which exhausted T cell responses are restored	\$409,750
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI125535	Molecular mechanisms of the RAG recombinase in V (D)J recombination and disease	\$634,401
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI134494	Prevention of HIV-1 transmission by small-molecule CD4-mimetic entry inhibitors	\$635,553
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI128358	Regulation of Lupus by Cytosolic DNA Sensors	\$535,551

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2019	ALDATU BIOSCIENCES	MA	R44AI128974	PANDAA for rapid genotyping of HIV-1 infected patients failing protease inhibitor ART in resource-limited settings	\$966,696
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI1135720	Optimization and preclinical development of a TB Multiple Antigen Presenting System (MAPS) vaccine	\$1,076,287
2019	TUFTS UNIVERSITY	MA	R21AI1137759	An imaging approach to understanding the impact of heterogeneity in microenvironments and lesion properties during Mycobacterium tuberculosis infection	\$246,200
2019	Trustees Of Boston University	MA	R01AI1132111	GM3 Nanoparticles for Sustained Delivery of Anti-Retrovirals to Lymphatic Tissues	\$401,724
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI1127869	HLA-DO / H2-O: modulation of MHC-II peptide diversity and Treg population control	\$541,182
2019	MICROBIOTIX, INC	MA	R43AI1134598	Synergistic panfiloviral entry inhibiting antibody drug conjugates	\$300,000
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI1137716	Role of Candida albicans phosphate transport in cell wall maintenance and echinocandin tolerance	\$221,250
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI1138551	Functional analysis of epigenetic regulators of malaria blood-stage proliferation and transmission	\$398,750
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI1138863	Using agent-based modeling to estimate the effectiveness of the Miami Getting to Zero HIV campaign	\$127,683
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI1141002	Structural Basis of Coreceptor Recognition by HIV-1 Envelope Spike	\$526,352
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI1140914	Macrophage lineage SIV persistence and latency during suppressive ART in Macaques	\$221,250
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI1139443	The role of alveolar macrophages during tuberculosis: detrimental or beneficial	\$209,375
2019	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R21AI1146715	New understanding of LTA as a determinant of daptomycin susceptibility in VRE E. faecium	\$255,000
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI1138801	Novel virologic and pharmacologic assays to predict clinical outcomes after first-line ART failure in sub-Saharan Africa	\$798,732
2019	TUFTS UNIVERSITY	MA	R01AI1130105	Retrotransposon assay for tick host bloodmeal identification	\$407,800
2019	MICROBIOTIX, INC	MA	R43AI1141132	EF-Tu binding Tetrazoles targeting MDR Neisseria gonorrhoeae	\$299,659
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI058736	Optimizing HIV Care in Less Developed Countries	\$816,590
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI1132638	The role of spleen tyrosine kinase (syk) in neutrophil responses to pathogenic fungi.	\$400,700
2019	Trustees Of Boston University	MA	R21AI1137229	A paperfluidic molecular diagnostic for Trichomonas vaginalis	\$209,295
2019	BETH ISRAEL HOSPITAL	MA	R21AI1137751	Potential role of heterochromatin protein 1? in the control of FOXP3 stability and expression in induced CD4+ regulatory T cells	\$218,750

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2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138384	Mechanisms of itch and neural regulation of inflammation in <i>S. aureus</i> infection	\$38,088
2019	TUFTS UNIVERSITY	MA	R01AI137424	Emergence of tick borne encephalitis in North America	\$631,991
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI144119	The school microbiome and asthma morbidity in inner-city children	\$804,587
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI139669	Novel Roles of IgE Glycosylation in Anaphylaxis	\$497,200
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R13AI143109	Photonic Diagnosis and Treatment of Infections and Inflammatory Diseases	\$5,000
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R03AI140048	Repair of Incorporated Ganciclovir During Drug-Resistant Human Cytomegalovirus Replication	\$84,750
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI142670	Immune correlates of tuberculosis and non-tuberculosis infectious morbidity in Southern African HIV-exposed, uninfected infants.	\$724,699
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI144748	Spatial organization of mycobacterial cell wall biosynthesis	\$191,655
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI143514	Effect of IL-4R α R576 variant on response to Dupilumab in children with Asthma	\$1,458,175
2019	BOSTON COLLEGE	MA	R01AI122923	The Ca ²⁺ -sensing machinery operating on exocytosis in <i>Toxoplasma</i>	\$391,250
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI146515	A signaling pathway governing growth and antibiotic sensitivity in <i>Pseudomonas aeruginosa</i>	\$265,500
2019	BOSTON COLLEGE	MA	R21AI144856	The <i>Toxoplasma gondii</i> apical annuli	\$234,750
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI137558	Cryogenic purification of <i>Plasmodium</i> parasites from blood	\$252,000
2019	BOSTON MEDICAL CENTER	MA	R21AI137119	Identification and characterization of individuals with elite anti-HIV-1 ADCC	\$222,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI077595	Mechanisms that Regulate Antibody Class Switch Recombination and Somatic Hypermutation	\$553,634
2019	KEPHERA DIAGNOSTICS, LLC	MA	R43AI147973	Biomarker-Based Test of Cure for Chagas Disease	\$300,000
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136503	Role of DEPTOR in T Cell Activation and Alloimmunity	\$708,000
2019	BOSTON COLLEGE	MA	R01AI110724	The bacterial response to antibiotics and the evolution of antibiotic resistance	\$391,250
2019	NORTHEASTERN UNIVERSITY	MA	R13AI147353	11th International Retroviral Nucleocapsid and Assembly Symposium	\$10,000
2019	TUFTS UNIVERSITY	MA	R21AI142037	How <i>Trypanosoma cruzi</i> Transmigrates Through the Vascular Endothelium	\$204,300
2019	TUFTS UNIVERSITY	MA	R21AI146841	Understanding Human Immunological Responses to Ixodes Tick Bites	\$206,250
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R61AI140489	A mobile health diagnostic device for HIV self-testing	\$537,000
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131747	The role of Fc function in broadly neutralizing antibody efficacy against HIV	\$32,668

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2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI147745	Biostatistical Methods for Infectious Diseases Study Design	\$36,506
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI145274	Regulation of neutrophil death by GSDMD in Candida albicans infection	\$442,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$597,511
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,582,651
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$455,466
2019	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$557,149
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$17,038,975
2019	TUFTS UNIVERSITY	MA	R01AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$487,177
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	\$674,214
2019	MICROBIOTIX, INC	MA	R44AI098271	Novel Spectinamide Antibiotics for the Treatment of MDR/XDR Tuberculosis	\$999,559
2019	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$709,735
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI126915	Immunological and Microbial Mechanisms in Food Allergy	\$542,500
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	U24AI118656	Monitoring peripheral blood leukocyte and immune responses in health and disease	\$370,149
2019	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$844,621
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127263	SERINCs and Nef Function	\$418,750
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI125051	Gene therapy for SCID-X1 with low dose busulfan and a SIN-lentiviral vector	\$1,404,772
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$503,415
2019	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$2,743,595
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127853	MICRORNA CONTROL OF INFLAMMATORY AND REGULATORY T CELLS IN CENTRAL NERVOUS SYSTEM AUTOIMMUNITY	\$439,410
2019	BROAD INSTITUTE INC	MA	F32AI129249	Systematic Mapping of the Functional Common Noncoding Variants in the TNFAIP3 Locus	\$65,606
2019	TUFTS UNIVERSITY	MA	R01AI055058	Impact of Bacteriophages on Virulence and Transmission of Vibrio cholerae	\$412,500

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2019	DETECTOGEN INC	MA	R44AI113992	Novel non-invasive antigen detection assay for the diagnosis of active visceral leishmaniasis and to monitor the therapy efficacy of this disease	\$651,346
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137325	Functional characterization of CARD9 genetic variants in fungal immunity	\$707,549
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$588,464
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$693,674
2019	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$475,385
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI124491	Mechanistic Elucidation of Inflammasome Assembly and Regulation	\$442,500
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121546	Mechanisms of CD49a Expression and Resident Memory T Cell Formation in Skin.	\$416,850
2019	TUFTS UNIVERSITY	MA	R21AI137641	Role of DdIR-regulated D-Ala-D-Ala biosynthesis in peptidoglycan synthesis and virulence	\$247,500
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI118544	Molecular networks of HIV-specific CD4 T cell help to B cells	\$435,869
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121248	Modulation of Chronic Th2 inflammation by the CCR8 Receptor-Ligand Pathway	\$416,850
2019	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$410,665
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$2,147,412
2019	Trustees Of Boston University	MA	R01AI133080	SAMIPS-NPC: Southern Africa Mother Infant Pertussis Study, Nasopharyngeal Carriage	\$725,494
2019	BRIGHAM & WOMEN`S HOSPITAL	MA	R03AI131066	Spatial and temporal profiling to unravel the host cell responses to hepatitis B virus infection	\$89,710
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI131044	Identification of key cellular mechanisms that instruct macrophage polarization and therapeutic applications of specific inhibition of M2-type macrophage polarization	\$184,622
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI135233	Delivery of Peanut Allergen Powder into Epidermis for Safe Immunotherapy	\$206,173
2019	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI136459	Characterizing spatio-temporal changes in immune cell landscapes of multiple sclerosis patients in response to B cell depletion with Ocrelizumab	\$60,854
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137091	Airway dual-transcriptomics in bronchiolitis and risk of asthma: MARC-35 cohort	\$843,082
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K24AI131924	Expansion of research and mentoring to improve birth outcomes and treatment outcomes among HIV-affected children in Botswana	\$179,078
2019	MICROBIOTIX, INC	MA	R43AI136188	Inhibitors of virus glycoprotein-LAMP1 receptor binding for Lassa virus therapy	\$296,161
2019	Trustees Of Boston University	MA	R03AI133228	Defining programs of gene expression regulated by Ikaros in T cells	\$82,500

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2019	UNIVERSITY OF MASSACHUSETTS	MA	R61AI136007	Gonorrhea and HIV prevention with intravaginal ring drug delivery	\$495,740
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI132445	Molecular biology of trichomonasviruses	\$418,544
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI137300	Structural and Mechanistic Elucidation of NAIP/NLRC4 Inflammasomes in Innate Immunity	\$134,017
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139633	Mechanisms of a Novel Combined Immunodeficiency Caused by a Homozygous Mutation in COPG1	\$442,500
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI139536	Neuroimmune interactions regulate development of allergic inflammation	\$582,345
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI135092	Mechanism of methicillin-resistant Staphylococcus aureus induced lymphatic dysfunction	\$209,255
2019	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI140751	Elucidating ligand-receptor interactions required for Plasmodium vivax blood-stage infection	\$398,750
2019	KEPHERA DIAGNOSTICS, LLC	MA	R43AI136172	Point-of-care diagnostic test for T. cruzi (Chagas) infection	\$299,317
2019	MICROBIOTIX, INC	MA	R41AI136126	Discovery of Zika virus therapeutics using a replicon assay	\$284,970
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134814	Detection of asymptomatic Salmonella enterica serotype Typhi and Paratyphi A carriage by serum antibodies targeting YncE	\$669,518
2019	MICROBIOTIX, INC	MA	R44AI100339	Novel Plasmodial Surface Anion Channel Inhibitors as Antimalarial Drugs	\$999,986
2019	PHAGEPRO, INC.	MA	R41AI142960	Developing a Scalable Manufacturing Process for an Oral Bacteriophage Product that Prevents Cholera	\$300,000
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI144637	Structural mechanism of a DNA polymerase critical for developing antibiotic-resistance	\$244,500
2019	BROAD INSTITUTE INC	MA	R21AI141080	Discovering novel antifungal agents via multi-species profiling of a structurally and stereochemically diverse, well-validated compound library	\$239,354
2019	BOSTON MEDICAL CENTER	MA	K24AI145661	HIV-1 mucosal transmission and persistence	\$181,673
2019	SQZ BIOTECHNOLOGIES COMPANY	MA	R43AI145758	Tolerance Induction to Prevent Immunity to Viral Gene Therapies	\$253,055
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI140960	Leveraging CTLs targeting highly networked epitopes to suppress the latent HIV-1 reservoir	\$199,800
2019	NORTHEASTERN UNIVERSITY	MA	R01AI144464	Orally Bioavailable 4(1H)-Quinolones with Multi-Stage Antimalarial Activity	\$725,226
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$409,360
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI125603	T regulatory cell subsets at the microbial interface: determinism and function	\$423,750
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$492,500
2019	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$442,500

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2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$600,446
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI121288	Interferon-induced IFITM recruitment of ZMPSTE24 blocks viral endocytic entry	\$517,905
2019	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R01AI146168	The teleost melano-macrophage center response to immunization and helminth-mediated immunosuppression	\$370,854
2019	Trustees Of Boston University	MA	R21AI147285	Deep characterization of the biogenesis and function of Ebola virus microRNAs	\$248,186
2019	UNIVERSITY OF MASSACHUSETTS	MA	R21AI146532	Maintaining Robust T Cell Immunity For Broad Protection Against Influenza	\$251,250
2019	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI146102	Mechanisms regulating vimentin-dependent invasion of the brain by Listeria monocytogenes	\$402,688
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R25AI147393	Pathways to Mentorship and Research: Training the Next Generation Physician-Scientists	\$351,000
2019	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI146279	Intrinsic modulators of Treg lineage commitment and immunoregulation post-transplantation	\$132,754
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI141529	Functional Redundancy of Human Microbiome and its Implication in Fecal Microbiota Transplantation	\$919,386
2019	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI146813	Targeting MT1-MMP to inhibit pathologic inflammation in TB	\$235,464
2019	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI150295	Clinical Informatics to Advance Epidemiology and Pharmacogenetics of Serious Cutaneous Adverse Drug Reactions	\$689,571
2019	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$518,372
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$462,241
2019	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,422,998
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$736,006
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$386,250
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116799	Longitudinal Study of the Vaginal Microbiome Prior To Incident STI	\$669,225
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI116787	Comparative Effectiveness/Implementation of TB Case Finding in Rural South Africa	\$624,971
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI108695	Natural infection of norovirus and sapovirus in a birth cohort in a Peruvian periurban community	\$1,056,841
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	\$389,992
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI121072	Biosynthesis of Beta Lactam Antibiotics	\$483,822

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2019	JOHNS HOPKINS UNIVERSITY	MD	K23AI125715	Dysbiosis, Recurrent Bacterial Vaginosis and the Vaginal Microbiome	\$197,017
2019	UNIVERSITY OF MARYLAND	MD	T32AI125186	Graduate Training in Virology	\$264,252
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI120733	The Impact of HCV Infection on Bone Turnover, Density, and Strength	\$718,442
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI124912	Durable Antibody Mediated Protection Against HIV	\$3,389,755
2019	JOHNS HOPKINS UNIVERSITY	MD	UH3AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$1,463,317
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132257	Good Manufacturing Practices Master Cell and Working Cell Banks and GMP Pilot Lot of Prototype Shigella flexneri 2a live vector expressing enterotoxigenic E. coli antigens, CVD 1208S 122	\$445,597
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI129769	Unlocking Envelope: A New Strategy for a Functional Cure Through Antibody-Dependent Cell-Mediated Cytotoxicity	\$880,724
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125215	Targeting TLR Signaling Pathways to Blunt Pathogen-mediated Acute Lung Injury	\$533,933
2019	JOHNS HOPKINS UNIVERSITY	MD	UM2AI130836	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY	\$5,854,959
2019	JOHNS HOPKINS UNIVERSITY	MD	UM1AI130838	Clinical Research Unit: Johns Hopkins University	\$235,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123371	Macrophage differentiation and disease outcome in influenza infection	\$542,926
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135561	Novel Vaccine For Multidrug-Resistant Gram-negative Bacterial Infections	\$193,125
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI125534	Determinants of apicoplast maintenance in malaria parasites	\$405,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137547	Regulation of allergen-induced mast cell activation and allergic inflammation through DCIR	\$204,688
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI135186	Characterization of a dendritic cell specific receptor critical for SJS	\$409,375
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI138810	Characterization of silently HBV-infected hepatocytes in HIV co-infection	\$799,884
2019	JOHNS HOPKINS UNIVERSITY	MD	U01AI138897	HOPE in Action: A Clinical Trial of HIV-to-HIV Liver Transplantation	\$1,686,376
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141900	Genome-wide sieve analysis and immunological validation to identify targets of protective efficacy in field trials of a whole-organism malaria vaccine	\$848,727
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI141576	Mathematical modeling to optimize rotavirus vaccination in sub-Saharan Africa	\$129,891
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI144497	MUC1 Biotherapeutics for Pseudomonas aeruginosa Infections	\$193,125
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI139808	ARCHAEAL-DERIVED SELF ADJUVANTING NANOPARTICLE MALARIA VACCINE	\$254,625

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI136143	ISTAb- A novel therapy to target staphylococcal toxins at the site of infections	\$300,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,716,632
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI143333	Hard-to-Reach Populations: Implications for Ending the AIDS Epidemic	\$623,206
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	\$519,993
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI146853	Host and Parasite Transcriptional Changes Associated with Immunity to Clinical Malaria in Malian Children	\$231,750
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI146450	Molecular Architecture of the Mosquito Carbon Dioxide Receptor Complex	\$195,444
2019	JOHNS HOPKINS UNIVERSITY	MD	R56AI137264	Role of the nsP3 macrodomain in alphavirus virulence	\$818,095
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI052733	Biology of Fungal Melanin	\$533,349
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$242,086
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$727,681
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$711,657
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$434,832
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$761,776
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI119012	Lubricant Use and the Vaginal Microbiome	\$704,193
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI114996	Mentoring and patient-oriented research in malaria	\$161,503
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI141532	Aedes antiviral RNAi pathway	\$778,707
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI125720	Protein microarray antibody responses to P. falciparum in a human challenge model	\$183,004
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI123422	Epidemiology and Ecology of Cholera in Africa	\$679,595
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110259	HIV-1 acidic epitope discovery from broadly neutralizing seroantibodies	\$383,750
2019	SANARIA INC	MD	R44AI131806	Immune Deficient Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$966,108
2019	UNIVERSITY OF MARYLAND	MD	R01AI129893	Structure and Activation of a Multiprotein Signaling Complex	\$701,777
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI141859	Comprehensive Characterization of Intestinal Parasites in Infants and Their Impact on Diarrhea	\$231,750

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2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI136456	Zika and dengue virus agonists for transmission-blocking	\$245,625
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137272	A "Culture" Shift: Integrated Bacterial Screening and Antibacterial Susceptibility Test on Microfluidic Digital Array for Bloodstream Infections	\$726,380
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI140854	Statistical methods for characterizing patients who highly-benefit from treatments and programs in Alzheimers, HIV, and other heterogeneous diseases	\$444,542
2019	UNIVERSITY OF MARYLAND	MD	R01AI135015	A Comprehensive approach to bacterial osmotolerance	\$428,041
2019	J CRAIG VENTER INSTITUTE INC	MD	UH2AI132342	Reproducible Analytics for Secondary Analyses of ImmPort Vaccination-Related Cytometry Data	\$292,500
2019	SANARIA INC	MD	R43AI138943	A Unique Automated Bioreactor for Rearing Aseptic Mosquitoes from Larvae to Adults to Support Manufacture of Sanaria PfSPZ Products.	\$299,999
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI140789	Optimization of high throughput viral outgrowth assays for the detection of HIV-1 reservoirs	\$409,375
2019	JOHNS HOPKINS UNIVERSITY	MD	K23AI135102	Whole Genome Sequencing of Drug Resistant Tuberculosis in India: Genotype-Phenotype Correlation, Clinical Impact of Resistance, and Sequencing Directly from Sputum	\$193,789
2019	AKONNI BIOSYSTEMS INC	MD	R44AI138903	TB Diagnostics at the Point of Care	\$999,998
2019	JOHNS HOPKINS UNIVERSITY	MD	K24AI141580	Mentoring in prevention of hospital-acquired infections and antibiotic resistance	\$175,448
2019	UNIVERSITY OF MARYLAND	MD	R01AI139492	Molecular mechanisms of host cell escape by Mycobacterium tuberculosis	\$574,452
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI141961	Role of the enterococcal site 2 protease in biofilm formation, adaptation, and host-pathogen interactions	\$371,937
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI144997	Next-generation extracellular vesicle biologics to target central nervous system and peripheral reservoirs of HIV	\$830,593
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI142501	Novel mechanism of mecA expression in Staphylococcus aureus	\$231,750
2019	BIOLOGICAL MIMETICS, INC	MD	R43AI145457	Whole-Cell Vaccine Development for MRSA	\$224,957
2019	UNIVERSITY OF MARYLAND	MD	R01AI146063	FcRn-Targeted Mucosal Vaccination Against Influenza Infections	\$554,124
2019	JOHNS HOPKINS UNIVERSITY	MD	K08AI139371	Novel Imaging and host-directed therapy in pediatric CNS TB	\$198,720
2019	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI145229	FASEB SRC on Molecular Mechanisms of Immune Cell Development and Function	\$23,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R13AI147874	21st International Workshop on Co-morbidities and Adverse Drug Reactions in HIV	\$25,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI122631	Role of Semaphorin 4A in Allergic Inflammation	\$386,250
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI140038	A Novel Helicobacter pylori Strain to Study Gastric Cancer Development	\$185,005

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2019	JOHNS HOPKINS UNIVERSITY	MD	UH3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	\$1,704,550
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141359	Enterovirus manipulation of autophagic trafficking pathways	\$386,250
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K08AI143923	Human Cellular Immune Programming Against Invasive Salmonella	\$189,864
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI142419	Investigating platelets in the innate immune response to tuberculosis	\$225,758
2019	UNIVERSITY OF MARYLAND	MD	R01AI110740	Catheter associated urinary tract infection by Pseudomonas aeruginosa	\$339,964
2019	JOHNS HOPKINS UNIVERSITY	MD	K24AI120834	Mentoring in Endocrine and Metabolic Abnormalities in HIV and Aging	\$161,637
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$893,309
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI136756	Next Generation Broadly Neutralizing Antibodies to Clear HIV-1 Reservoir	\$805,652
2019	JOHNS HOPKINS UNIVERSITY	MD	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$197,017
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI121146	Epidemiology of CRE and MRSA transmission: patient and organism factors	\$693,608
2019	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$380,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114496	Lymph Node Structure and Function in Tolerance: Role of Laminins	\$383,750
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI126587	Evolution of anti-filovirus B cell responses and mechanisms of protection	\$742,509
2019	UNIVERSITY OF MARYLAND	MD	R01AI131905	In vivo mechanisms of brain invasion by Cryptococcus neoformans	\$377,994
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI127644	Dysregulated sensing of invertebrate tropomyosin through dectin-1 confers susceptibility to type-2-mediated allergic diseases	\$409,375
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI132359	The Skin Phase of Malaria Infection	\$577,620
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	\$543,021
2019	JOHNS HOPKINS UNIVERSITY	MD	U01AI134591	HOPE in Action: A clinical trial of HIV-to-HIV deceased donor kidney transplantation	\$1,544,393
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI125181	Pathogenesis of E. coli and Shigella infections in human enteroid models	\$1,581,962
2019	UNIVERSITY OF MARYLAND	MD	R01AI132213	Structure-Based Vaccine Design for Hepatitis C Virus	\$1,136,335
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137814	Exploiting a robust drug discovery portfolio to develop effective regimens to treat Mycobacterium abscessus lung infection	\$204,688
2019	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI135252	Hybrid Nucleoside Scaffolds Targeting Filoviruses	\$170,911

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2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI139358	Identification and characterization of mosquito sensory neurons detecting human-related cues	\$245,625
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI133492	The effects of a housing mobility program on home environmental and host airway microbiota and asthma morbidity among low-income minority children	\$198,964
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI120938	Unlocking the Potential of HIV-Infected Deceased Donors for Organ Transplantation	\$764,731
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141372	Age-dependent role of type I interferon in Bordetella pertussis pathogenesis	\$386,250
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI143845	IL-4-activated macrophages: Contribution to allergic lung inflammation linked to viral infection	\$610,630
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI144983	Sustained HIV Remission via Sequence-Specific Epigenetic Silencing of Latent Proviruses	\$841,926
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI145480	Mining natively paired macque antibodies for Marburg virus protective antibodies	\$300,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R56AI143668	RhoA signaling controls mesenchymal stem cell lineage commitment via Lef-1 in asthma	\$450,000
2019	PROFECTUS BIOSCIENCES INC	MD	R44AI122371	DNA prime / rVSV boost Multi-Antigen Universal Influenza Vaccine	\$0
2019	J CRAIG VENTER INSTITUTE INC	MD	R21AI146703	Synthetic Genomics to Improve a Phage-Based Diagnostic for Multi-Drug Resistant Bacteria	\$248,114
2019	UNIVERSITY OF MARYLAND	MD	R01AI144667	Improving multiple sclerosis patient quality of life using microneedle patches to simplify delivery of MS drugs	\$418,385
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI134091	Long acting NRTI therapies for HIV	\$670,898
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI147929	Monoclonal antibodies targeting novel sites of vulnerability in marburg virus glycoprotein	\$300,000
2019	PROFECTUS BIOSCIENCES INC	MD	R03AI141031	Sonoporation as a novel delivery platform for an HIV DNA vaccine	\$69,538
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$521,301
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$355,788
2019	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$3,109,247
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$247,789
2019	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$20,283,274
2019	JOHNS HOPKINS UNIVERSITY	MD	U01AI125290	Early Peanut Introduction: Translation to Clinical Practice	\$851,162
2019	JOHNS HOPKINS UNIVERSITY	MD	K23AI127935	The Use of MALDI TOF for the Rapid Detection of Carbapenemases from Clinical Isolates	\$183,430
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI117032	A Droplet-based single cell platform for pathogen identification and AST	\$972,239

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2019	JOHNS HOPKINS UNIVERSITY	MD	F31AI124794	Disparities in the HIV Care Continuum among Hispanics in the United States	\$9,711
2019	JOHNS HOPKINS UNIVERSITY	MD	K08AI143391	The HIV Latent Reservoir, Suboptimal Immune Response on Antiretroviral Therapy, and Exogenous Cytokine Therapies	\$198,720
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI124777	Fate of Invisible U/A Base Pairs Within HIV DNA in Myeloid Phagocytic Cells	\$403,325
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125579	Identification and validation of molecular markers of piperazine resistance	\$326,753
2019	JOHNS HOPKINS UNIVERSITY	MD	P01AI131306	Modeling HIV Rebound: Role of SIVmac251 Functional Reservoirs and Biomarkers of Reactivation	\$1,672,200
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI128779	Penile Microbiome, Inflammation and HIV Susceptibility During Sexual Debut and Maturation Among Male Adolescents	\$523,479
2019	FZATA INC	MD	R01AI132207	A Novel Humanized Tetra-specific Antibody against Clostridium difficile Infection	\$1,909,432
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI126853	Rickettsia-host interface and multiple paths to invasion	\$560,764
2019	PATHOVAX, LLC	MD	R44AI136236	Papillomavirus-like Particles (VLP) as Broad Spectrum Human Papillomavirus (HPV) Vaccines	\$873,677
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI135941	Targeting HIV reservoirs in children with HIVIS DNA and MVA-CMDR vaccines	\$680,090
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI130548	Developing Tolerization Therapies from a New T-cell Based Mouse Model of Neuromyelitis Optica	\$409,375
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI135076	Impact of P. falciparum diversity on transmission reducing immunity	\$183,498
2019	J CRAIG VENTER INSTITUTE INC	MD	R01AI137418	Interplay between the heat shock response and histidine kinase pathways in the thermally dimorphic fungal pathogen Histoplasma capsulatum	\$487,500
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137078	Olfactory receptors and neurons regulating odor-guided behaviors in mosquitoes	\$528,354
2019	JOHNS HOPKINS UNIVERSITY	MD	K01AI138853	Projecting the Epidemiologic and Economic Impact of HIV Prevention Efforts in the Context of Other Sexually Transmitted Infections	\$118,138
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137365	Elucidation of genetic networks of HSV-1 virion proteins and discovery of their functions in the morphogenesis of the infectious virus particle	\$662,644
2019	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$3,745,637
2019	UNIVERSITY OF MARYLAND	MD	F31AI143204	Intra-Lymph Node Delivery of Tolerogenic Microparticles for Modulating Disease in a Model of Multiple Sclerosis	\$34,274
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI140855	USP7 targeting by HHV-8 vIRFs	\$409,375

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2019	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI144964	FASEB SRC on Signal Transduction in the Immune System	\$10,000
2019	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI144965	FASEB SRC on IgE and Allergy: From Mechanisms to Therapy	\$10,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137720	A strategy to treat M. abscessus infections	\$204,688
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI144180	The Gonorrhea Vaccine Cooperative Research Center	\$2,184,973
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI138953	Malaria and Mosquito-borne Diseases	\$285,103
2019	JOHNS HOPKINS UNIVERSITY	MD	K24AI143447	Mentoring in Immunometabolic Dysregulation in TB and TB/HIV	\$191,195
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI146123	Household Transmission of Cryptosporidium	\$766,095
2019	UNIVERSITY OF MARYLAND	MD	R01AI125622	Genetic basis for host preference in Culex pipiens	\$396,475
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI141642	Environmental Pollutants Potentiate Allergic Inflammation via Functional Axis of Aryl hydrocarbon Receptor, ROS, and CaMKII in Asthma	\$589,409
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI147681	Innovative contact tracing strategies for detecting TB in mobile rural and urban South African populations	\$653,812
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI148563	A Chemical Vaccine for Malaria	\$481,402
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$383,750
2019	IMMUNE DEFIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$697,747
2019	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$3,352,002
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123320	Role of PrrF and PrrH regulation in Pseudomonas aeruginosa pathogenesis	\$425,197
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI116269	Immune correlates of acute HBV recovery with and without HIV	\$611,631
2019	JOHNS HOPKINS UNIVERSITY	MD	K01AI125086	Revealing women's hidden role as critical components of HIV transmission networks in Rakai, Uganda: an interdisciplinary approach	\$127,614
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137719	Site-specific DNA recombinase and A/E pathogen virulence	\$245,625
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110719	Role of sub-activation-threshold TCR interactions in maintaining T cell memory	\$383,750
2019	JOHNS HOPKINS UNIVERSITY	MD	K24AI118591	Patient-Oriented Research and Mentorship in HIV and Non-Communicable Diseases	\$154,155
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$364,500
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$416,712
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI125552	T cell receptor-activated autophagy as a regulator of T cell effector responses	\$612,897

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2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI143932	Are all sporozoites equal? Analyses of transcriptomes from individual Plasmodium sporozoites using single cell RNA-seq	\$248,150
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$609,334
2019	UNIVERSITY OF MARYLAND	MD	R01AI125561	Role of host protein GBF1 in organizing enterovirus replication complexes	\$373,750
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$405,000
2019	UNIVERSITY OF MARYLAND	MD	R21AI130712	Viral Immune Evasion of FcRn Functions	\$190,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137046	E3 ligase mediated control of Foxp3 expression and immune suppression-mechanisms and potential as immunotherapeutic target	\$413,515
2019	ZALGEN LABS	MD	R43AI138836	Glycoprotein Immunoassay to Measure Protective Response to Lassa Vaccine	\$299,050
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134886	Mechanistic characterization and regulation of the non-redundant phu and heme uptake systems of Pseudomonas aeruginosa	\$383,276
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI138714	Neutral lipid metabolism during Toxoplasma infection	\$409,375
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI139698	ENGINEERING A SELF-TARGETING ENTRY INHIBITOR FOR VECTORED MALARIA PROPHYLAXIS	\$245,625
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI135179	Association of the evolving nasal microbiome and neonatal acquisition of Staphylococcus aureus colonization	\$202,897
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI136377	Lung inflammation and type I interferons in Bordetella pertussis infection	\$38,305
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136390	The role of diabetes in Middle East Respiratory Syndrome Coronavirus pathogenesis	\$61,226
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137804	A novel diagnostic tool to aid vaccine evaluation and surveillance of enterotoxigenic E. coli and Shigella	\$163,750
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI140035	PGLYRP4 in S1P receptor agonist-mediated attenuation of pertussis disease	\$231,750
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI145675	Improving PrEP protection of transgender women through mechanistic pharmacokinetic understanding	\$586,620
2019	SANARIA INC	MD	R43AI143077	Genetically Modified Conditional Sexing A. stephensi Line for PfSPZ Manufacture	\$295,891
2019	JOHNS HOPKINS UNIVERSITY	MD	R56AI145435	Preclinical modeling to study Tuberculous Meningitis	\$838,739
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI142725	Active Vaccination and Passive Antibody Strategies to Prevent Disease Caused by Multidrug-Resistant Bacterial Pathogens	\$2,500,000
2019	SIGMOVIR BIOSYSTEMS INC	MD	R44AI109926	Development of VLP vaccine for RSV	\$1,000,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI146773	Rickettsia cell envelope glycoconjugates are derived from the host cell amino sugar biosynthesis pathway	\$193,125

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI147893	Genetic imprints of therapeutic Ad26/MVA mosaic vaccine in rebound HIV-1 genome from acutely treated individuals	\$231,458
2019	JOHNS HOPKINS UNIVERSITY	MD	K23AI139394	Functional Characterization of Prostaglandin D2 in Chronic Spontaneous Urticaria	\$198,267
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI116274	Structural Targeting of Potentially Protective gp120 Epitopes in the C1/C2 Region	\$741,717
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$311,544
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$30,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI064350	Checkpoints in the cellular response to tissue injury	\$427,019
2019	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$3,833,330
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI115703	Human DC Subtypes in Regulating T-Helper-2 Responses	\$405,000
2019	JOHNS HOPKINS UNIVERSITY	MD	U24AI118633	Development of Highly Multiplex Antigen Specificity Assays	\$382,333
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120008	Quantification of the HIV-1 Reservoir by Immuno-PCR	\$410,625
2019	UNIVERSITY OF MARYLAND	MD	F31AI140592	Functional analysis of a Group A streptococcal locus important for fitness in soft tissue	\$37,119
2019	UNIVERSITY OF MARYLAND	MD	R21AI142050	Novel Biomolecular and Biophysical Mechanisms of Influenza Virus Infection	\$225,794
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI123931	Characterizing the Spatial Temporal Dynamics and Human Health Risks of Vibrio parahaemolyticus Bacteria in Estuarine Environments	\$545,940
2019	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,696,110
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI130210	Immune Surveillance of Antigen Processing Pathway	\$558,198
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132766	Molecular mechanisms of IL-33 cytokine signaling	\$541,208
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI130646	Omics-based identification of novel vaccine targets against Neisseria gonorrhoeae	\$231,750
2019	ACCELEVIR DIAGNOSTICS, LLC	MD	R44AI124996	A Novel Test to Measure Latent Virus in HIV-1 Infected Patients	\$1,000,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134696	Tick Saliva and Pathogen Transmission	\$555,415
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI135527	TB goes viral: Interplay between mycobacteria RNA and host cytosolic surveillance pathways	\$204,688
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI131228	Physiological and immunological responses to measles vaccine	\$661,557

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI140049	Role of Circular RNAs in Innate Immunity and Neuro-development	\$409,375
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI138978	Technology development for point-of-care detection and antimicrobial susceptibility testing of Neisseria gonorrhoeae	\$1,267,227
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI113266	Closing the Gaps on Buruli Ulcer Diagnosis, Treatment, and Prevention	\$866,149
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$602,190
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI140326	Evolution of Adaptive Immunity	\$425,570
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R44AI140932	Development of a Universal Immunotherapeutic for Influenza Viruses	\$290,038
2019	JOHNS HOPKINS UNIVERSITY	MD	R03AI146632	Synthetic Genomics Approach to Assemble Infectious Clones of KSHV	\$105,563
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI147532	The evolution of B cell selection and affinity maturation in ectotherms	\$33,636
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI141486	Galectins in Modulating Immune Responsiveness of IgE-bearing Cells	\$522,254
2019	UNIVERSITY OF MARYLAND	MD	R01AI141894	Cellular mechanisms by which Neisseria gonorrhoeae infects the female reproductive tract	\$615,289
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI130170	C. albicans and S. aureus Catheter Infections: Clinical Implications and Therapy	\$355,471
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI136722	Novel nanoparticulate diagnostics for cerebral toxoplasmosis and Chagas in HIV patients living in Latin America	\$658,567
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$300,463
2019	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$382,761
2019	JOHNS HOPKINS UNIVERSITY	MD	R37AI060040	Antigen Processing in the Secretory Pathway	\$803,885
2019	JOHNS HOPKINS UNIVERSITY	MD	R24AI118397	Long-Acting/Extended Release Antiretroviral Resource Program (LEAP)	\$485,255
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$633,334
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI125402	Defining redundant strategies central to Legionella replication vacuole formation	\$405,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI117734	Vaccines and maternally acquired immunity to prevent shigellosis in children	\$467,512
2019	SCANOGEN INC	MD	R44AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$999,998
2019	UNIVERSITY OF MARYLAND	MD	R01AI123340	Role of bacterial aggregation and biofilms in gonococcal pathogenesis	\$471,394
2019	SANARIA INC	MD	R44AI134500	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$975,729

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2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$687,931
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI128781	Developmental Pharmacology of Antiretroviral Metabolism in Mucosal Tissues	\$342,560
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI143610	PpiA, a multitasking mycobacterial virulence protein	\$245,625
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI116324	Implementation strategies for a new point-of-care test for early infant diagnosis	\$561,035
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI120634	Understanding the Impacts of HLA-DO in vivo	\$405,000
2019	BIOLOGICAL MIMETICS, INC	MD	R43AI142830	Development of a cross-protective HRV vaccine	\$224,958
2019	AMERICAN GASTROENTEROLOGICAL ASSOCIATION INSTITUTE INC	MD	R24AI118629	Fecal Microbiome Transplant National Registry	\$601,165
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI137813	A Recombinant Cedar Virus-based Henipavirus Replication Platform for High-throughput Inhibitor Screening	\$193,928
2019	UNIVERSITY OF MARYLAND	MD	R03AI135751	Comparative genomic analysis of specificity to mosquitoes in Metarhizium pingshaense basis for improved biological control	\$76,000
2019	UNIVERSITY OF MARYLAND	MD	R33AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$443,961
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136400	Host-Microbe Interactions and Incident Infection	\$63,746
2019	JOHNS HOPKINS UNIVERSITY	MD	K08AI127908	Translational modeling of individual- and population-level outcomes of novel tuberculosis drug regimens	\$194,681
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI136229	Remodeled glycoprotein for broad protection against ebolaviruses	\$299,186
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI137778	Repurposing S1P receptor drugs as therapeutics for pertussis in the baboon model	\$115,875
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI132590	Innate Immune Regulation of the Epithelium in Chronic Rhinosinusitis with Nasal Polyps	\$583,392
2019	MEDIGEN INC	MD	R43AI136220	Multivalent emergency vaccine against pandemic influenza	\$95,379
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI139784	Multiplex oral fluid antibody assay for arbovirus diagnosis, surveillance and prevention	\$120,874
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132733	Influence of polysialic acid on leukocyte migration	\$510,786
2019	UNIVERSITY OF MARYLAND	MD	P01AI138949	Tick Immune Signaling, Microbiota, and Acquisition of Borrelia burgdorferi and Anaplasma phagocytophilum	\$1,537,478
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135465	Type I Interferon signaling in Bordetella pertussis pathogenesis	\$190,400
2019	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI145226	FASEB SRC on Autoimmunity	\$5,000
2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI142764	Advancement of Vaccines and Therapies for Henipaviruses	\$4,260,825

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2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI135280	Targeting host immune cells and DAMP molecules to improve outcome in tuberculosis	\$204,687
2019	UNIVERSITY OF MARYLAND	MD	R01AI142400	Oligoribonuclease regulation of cyclic-di-GMP signaling and chronic biofilm infections	\$589,157
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R42AI122666	Infection Site Targeted Antitoxin Antibody (ISTAb) against Bacillus anthracis	\$999,997
2019	JOHNS HOPKINS UNIVERSITY	MD	F32AI150561	Mechanism of Transcriptional Downregulation of HIV Gene Expression by U/A Base Pairs in Proviral DNA	\$61,226
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141360	Therapeutic targeting of growth factor receptors to treat Mucormycosis	\$527,986
2019	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-containing Virulence Regulators of Pathogenic Streptococci	\$383,905
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$567,403
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$726,758
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$386,250
2019	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$142,099
2019	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$5,668,821
2019	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$1,135,370
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI117065	Incentives for Suppression of HIV-1 RNA in People Living with HIV	\$743,817
2019	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$370,683
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI119949	Copper as a nutrient for Candida albicans at the host-pathogen interface	\$464,629
2019	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$365,689
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI127405	Molecular mechanisms of Plasmodium fertilization	\$409,375
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125841	Serological assays to predict Shigella vaccine efficacy	\$570,568
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123820	Protection Against Gram-Negative Sepsis Conferred by Lipid A-Based Structural Variants	\$386,250
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI127469	Molecular and structural characterization of broadly neutralizing anti-HCV antibodies	\$719,568
2019	SANARIA INC	MD	SB1AI077262	Marketing Strategic Plan and Distribution Logistics for Sanaria PfSPZ Vaccine against Malaria.	\$977,597
2019	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI132204	Rationally Designed Pan-Ebolavirus Vaccine	\$1,246,581
2019	JOHNS HOPKINS UNIVERSITY	MD	R00AI127932	Human genetic determinants of mycobacterial immunity	\$249,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI137329	Development of novel penems for drug-resistant tuberculosis	\$792,429

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2019	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R03AI137615	Metabolic Advantage of the Wood-Ljungdahl Pathway in Growth and Survival of C. difficile	\$75,002
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI143053	Exploratory Studies of SPPL3	\$245,625
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI138440	Characterization of an E3 Ubiquitin Ligase Substrate in the Tick Immune Deficiency Pathway	\$11,619
2019	SANARIA INC	MD	R43AI136219	Development, GMP manufacture, and quality control release of a triple knock out genetically attenuated Plasmodium falciparum sporozoite vaccine	\$299,999
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI137659	Evaluation of PARP-1 as a target of host-directed therapy in tuberculosis	\$204,687
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI140860	Immunotherapy Targeting MTB Persisters in the DC-impaired Setting of HIV and TB	\$204,688
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI131796	PREVINE-TB: PREvent: EVALuating the implementation of NEW strategies for preventive TB among people living with HIV in Brazil	\$574,554
2019	JOHNS HOPKINS UNIVERSITY	MD	F30AI136704	Analyzing Non-Classical Antigen Presentation in HIV-infected CD4+ T cells	\$50,016
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI130627	The interaction between vaginal microbiota, immunogenetics and C. trachomatis susceptibility	\$192,946
2019	JOHNS HOPKINS UNIVERSITY	MD	R21AI130722	Hermes Insertion Profiling of the Candida Glabrata Genome	\$238,840
2019	ZALGEN LABS	MD	R01AI141251	Structure-Guided Design of Broadly Neutralizing Lassa Virus BiSpecific Antibodies	\$1,498,398
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI143731	The Role of Nrf2 in Stabilizing the Epithelial Barrier in Particulate Matter Induced Rhinosinusitis	\$409,375
2019	NANOSCIENCE SOLUTIONS LLC	MD	R41AI142890	Star-dots fluorescent nanoparticles for flow cytometry and biomedical imaging	\$149,787
2019	RISE THERAPEUTICS, LLC	MD	R43AI142975	A Novel Probiotic Engineered for Enhanced Immunological Function for Treating Inflammatory Bowel Disease	\$299,931
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI127142	Macrophage Ontogeny and Polarization in HIV/SIV Infection	\$767,649
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI128925	Role of prion protein sialylation in prion diseases	\$1,083,491
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI145555	Integrating HCV services into HIV programs for PWID in India	\$899,435
2019	UNIVERSITY OF MARYLAND	MD	R13AI147570	20th Conference on Bacilli and Gram-Positive Bacteria (CBGPB)	\$5,000
2019	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,000
2019	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116523	Ubiquitylation and Rickettsial Colonization of a Tick Vector	\$540,750
2019	JACKSON LABORATORY (THE)	ME	U19AI142733	Modulation of Lung Immune Responses to Viral Infection	\$2,200,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	JACKSON LABORATORY (THE)	ME	R21AI135221	The Role of the lncRNA MORRBID in Controlling Dendritic Cell Lifespan and Adaptive Immunity	\$236,250
2019	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI144686	Characterization of Viral Receptors and Signaling Networks in JC Polyomavirus Infection	\$435,438
2019	JACKSON LABORATORY (THE)	ME	U01AI124297	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	\$1,088,630
2019	JACKSON LABORATORY (THE)	ME	R01AI121920	Decoding Immunological perturbations during Chronic Fatigue Syndrome	\$657,784
2019	JACKSON LABORATORY (THE)	ME	R01AI142086	High-resolution single cell profiling of vaccine responsiveness in the elderly	\$600,281
2019	BATES COLLEGE	ME	R21AI141935	Using Fluorescence Nanoscopy to Study RNA Localization in Borrelia burgdorferi, the Spirochete that Causes Lyme Disease	\$233,739
2019	JACKSON LABORATORY (THE)	ME	R01AI141609	lncRNA Control of Airway Epithelial Cell Responses to Type 2 Inflammation	\$597,025
2019	JACKSON LABORATORY (THE)	ME	R21AI145383	Using the Collaborative Cross to Understand the Impact of a High-Fat Diet on the Adipose Tissue Invariant Natural Killer T Cell Compartment	\$255,000
2019	JACKSON LABORATORY (THE)	ME	R21AI133440	The Function of lncRNAs in Airway Epithelial Cells	\$236,250
2019	Regents of the University of Michigan	MI	R01AI116791	Vaccine to prevent E. coli urinary tract infection	\$418,312
2019	Regents of the University of Michigan	MI	R01AI138347	Novel mechanisms of age-enhanced vasculopathy after heart transplantation	\$530,422
2019	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$653,316
2019	Regents of the University of Michigan	MI	K23AI123595	Targeting antigen cross-presentation to enhance anti-leukemic responses after allogeneic transplantation	\$196,560
2019	Regents of the University of Michigan	MI	R01AI125307	Integrated modeling of Klebsiella pneumoniae infections based on bacterial genotype, patient factors and colonization status	\$717,327
2019	Regents of the University of Michigan	MI	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$390,000
2019	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,636,893
2019	Regents of the University of Michigan	MI	U19AI116482	Engineered human intestinal organoids: a modular system to model enteric disease	\$1,287,262
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI142517	Examining host-derived glutathione as a sulfur source for Staphylococcus aureus during infection	\$232,500
2019	Regents of the University of Michigan	MI	F31AI140618	Epistasis Within and Between Genomic Segments in Influenza Virus	\$36,959
2019	Regents of the University of Michigan	MI	K01AI141579	Hospital-Associated Respiratory Virus Infections: Molecular Epidemiology, Clinical Outcomes, and Cost-Effectiveness of Interventions	\$106,212
2019	Western Michigan University School of Medicine	MI	R01AI142004	Human B1-like Cells and Pneumococcal Defense in the Elderly	\$377,500

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2019	TSRL, INC	MI	R44AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza	\$998,654
2019	Regents of the University of Michigan	MI	R21AI147677	Establishing immunoprivileged scaffolds for transplantation of immature beta cells	\$246,500
2019	Regents of the University of Michigan	MI	F30AI145113	Role of COPII Vesicles in T cell immunity	\$37,016
2019	Regents of the University of Michigan	MI	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$454,894
2019	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$390,000
2019	Regents of the University of Michigan	MI	U01AI124255	Systems biology of Clostridium difficile infection	\$1,847,297
2019	Regents of the University of Michigan	MI	R01AI121302	Homing of Functionally Distinct ILC Subsets	\$369,989
2019	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$399,610
2019	Regents of the University of Michigan	MI	K01AI137123	Characterizing parental beliefs to support optimization of vaccine introduction	\$100,732
2019	Regents of the University of Michigan	MI	F30AI136315	The role of secondary lymphoid organ fibroblastic cells in alloimmunity	\$37,082
2019	Regents of the University of Michigan	MI	R21AI137535	Transthyretin as a generic inhibitor of amyloid and amyloid-associated biofilm infections	\$213,359
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI139039	DNA Structure Directed AID Deamination During Immunoglobulin Isotype Switching	\$380,433
2019	Regents of the University of Michigan	MI	R01AI138348	Neonatal RSV infection and alteration of allergic immune responses	\$448,066
2019	WAYNE STATE UNIVERSITY	MI	R21AI144708	Mapping and Visualizing Uracils Created by AID/APOBEC Enzymes using UdgX	\$218,405
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI144395	Uncovering the first 5'-pGpG signaling system	\$218,638
2019	Regents of the University of Michigan	MI	R21AI140106	Exploiting Novel Human Hemato-Lymphoid System Mice to Characterize the Ontogeny of Circulatory and Tissue-Resident Human NK cells	\$195,000
2019	Regents of the University of Michigan	MI	R21AI142073	Modulation of T Cell Function by Adenovirus Persistence	\$234,000
2019	Regents of the University of Michigan	MI	R03AI130610	Ultra-high-resolution expression profiling of bacterial genomes	\$71,280
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI145504	The role of SERINC5 in HIV-1 replication	\$391,250
2019	Regents of the University of Michigan	MI	F32AI147527	Characterization of pathogen nutrient acquisition and transport systems required during UTI	\$61,226
2019	Regents of the University of Michigan	MI	F31AI134287	The Molecular Mechanisms Contributing to the Specific Localization of HIV-1 Gag to the Plasma Membrane	\$36,655
2019	Regents of the University of Michigan	MI	R01AI134999	CELL BIOLOGY AND MOLECULAR MECHANISMS OF HUMAN GAMMA/DELTA T CELL ACTIVATION	\$383,280
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI146210	Synthetic glycan conjugates with bacteriophage Qbeta for broad spectrum anti-salmonella vaccines	\$300,000
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI144504	Isoprenoid synthesis and allocation in Staphylococcus aureus	\$232,500
2019	Regents of the University of Michigan	MI	R21AI143276	Cell-specific restriction of influenza A virus assembly	\$188,631

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2019	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$359,536
2019	WAYNE STATE UNIVERSITY	MI	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$55,835
2019	WAYNE STATE UNIVERSITY	MI	R01AI121400	A Pharmacologic Approach to Prevent Daptomycin Resistance in VRE	\$385,000
2019	Regents of the University of Michigan	MI	R01AI123093	Predicting protective T-cell responses in Tuberculosis using a systems biology approach	\$711,246
2019	Regents of the University of Michigan	MI	K08AI128006	Antimicrobial mechanisms of action zinc oxide nanoparticles	\$194,400
2019	Regents of the University of Michigan	MI	R01AI136941	Stage-specific roles for Zmiz1 in Notch-dependent steps of early T-cell development	\$497,710
2019	Regents of the University of Michigan	MI	R01AI132372	Zika and Dengue Co-circulation Under Environmental Change and Urbanization	\$753,238
2019	Regents of the University of Michigan	MI	R21AI130328	Interaction of human norovirus with B cells	\$227,519
2019	HENRY FORD HEALTH SYSTEM	MI	R01AI144004	Novel Regulation and Targeting of Macrophages Metabolism in Neuroinflammatory Disorders	\$376,250
2019	Regents of the University of Michigan	MI	R21AI140449	Hijacking a unique subcellular structure during viral entry to cause infection	\$234,000
2019	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$376,093
2019	Regents of the University of Michigan	MI	R01AI141591	Precision immunoprofiling to reveal diagnostic biomarkers of latent TB infection	\$754,111
2019	Regents of the University of Michigan	MI	R01AI148084	Cellular Reservoirs of HIV	\$665,609
2019	Regents of the University of Michigan	MI	R01AI120997	Dynamics of Influenza Transmission in Nicaraguan Households	\$705,095
2019	WAYNE STATE UNIVERSITY	MI	R01AI118992	Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1	\$376,564
2019	HENRY FORD HEALTH SYSTEM	MI	R01AI110450	EPIDEMIOLOGY OF ALLERGIC DISEASE ENDOTYPES	\$364,655
2019	Regents of the University of Michigan	MI	R01AI118886	Fidelity, robustness, and diversity in RNA virus evolution and pathogenesis	\$402,284
2019	Regents of the University of Michigan	MI	R37AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$387,500
2019	UNIVERSITY OF DETROIT MERCY	MI	R21AI133570	Ail-mediated serum resistance in Yersinia pestis and its contribution to plague virulence	\$203,387
2019	Regents of the University of Michigan	MI	F32AI134016	Uncovering the Mechanisms Driving Seasonal Polio Incidence: A Modeling Approach Towards Endgame Strategies	\$61,226
2019	WAYNE STATE UNIVERSITY	MI	R21AI135583	Role of ABCG1 in Zika virus induced chorioretinal atrophy	\$231,000
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI140413	Origins of Sex Differences in Mast Cell Associated Immune Diseases	\$225,229
2019	Regents of the University of Michigan	MI	R21AI135403	Control of Neutrophil Effector Mechanisms by the IRE1-Caspase2 signaling axis	\$234,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Regents of the University of Michigan	MI	R21AI135559	B cell responses to particulate antigens	\$228,026
2019	TSRL, INC	MI	R03AI135760	New Prodrug Strategies for Cidofovir Designed for Mitigating First-Pass Metabolism	\$101,522
2019	Regents of the University of Michigan	MI	UH3AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$147,673
2019	Regents of the University of Michigan	MI	R21AI142047	Periodontitis and extra-oral mucosal inflammation	\$234,000
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI139074	Elucidating strategies of Staphylococcus aureus nutrient sulfur acquisition during infection	\$447,725
2019	Regents of the University of Michigan	MI	R01AI136977	Understanding and Improving the Effectiveness of Public Health Laboratory Networks for Infectious Diseases in Ghana	\$698,829
2019	Regents of the University of Michigan	MI	UM1AI144298	University of Michigan Clinical Autoimmunity Center of Excellence	\$234,000
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI147634	Defining the mechanistic basis of ATM's impact on VDJ recombination	\$387,500
2019	Regents of the University of Michigan	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$381,175
2019	Regents of the University of Michigan	MI	K08AI119182	Population Dynamics of Rotavirus: A Combined Theoretical, Bioinformatic and Laboratory Based Approach	\$195,156
2019	Regents of the University of Michigan	MI	R01AI123957	Calreticulin-mediated protein folding in health and disease	\$387,500
2019	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$641,007
2019	Regents of the University of Michigan	MI	R01AI129958	Sputum Microbial Markers of Type 2-Low Asthma	\$720,619
2019	TSRL, INC	MI	R44AI134190	Development of methionyl-tRNA synthetase inhibitors for Gram positive bacterial infections	\$971,090
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI121178	Improved Method for Identifying Causative Antigen in Hypersensitivity Pneumonitis	\$740,475
2019	Regents of the University of Michigan	MI	R01AI117229	miR-29b and autophagy regulate alveolar macrophage function post-BMT	\$426,373
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI133094	Identifying high risk malaria infections using improved estimates of total body parasite load and new metrics for infection dynamics	\$170,629
2019	Regents of the University of Michigan	MI	R21AI137222	HuR in antigen-specific T cell activation and proliferation	\$195,000
2019	TSRL, INC	MI	R41AI143098	A Novel Combination Therapy to Treat Biofilm-based Pneumonia Infections	\$299,733
2019	Regents of the University of Michigan	MI	R21AI141832	Mutation rates and transmission dynamics of influenza B virus	\$234,000
2019	Regents of the University of Michigan	MI	R21AI148381	Effects of virion-incorporated CD43, CD44, and PSGL-1 on HIV-1 infection	\$195,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Regents of the University of Michigan	MI	R21AI142144	Cellular and molecular characterization of LIG1 mutations causing a spectrum of primary immune deficiencies	\$253,607
2019	Regents of the University of Michigan	MI	K22AI137299	Global analysis of circuitry governing fungal activation of host inflammation	\$160,931
2019	Regents of the University of Michigan	MI	R21AI147155	Cellular Targets of the BKPyV miRNA	\$195,000
2019	WAYNE STATE UNIVERSITY	MI	R21AI140033	Genomic evidences based novel therapy for Staphylococcal infections	\$211,613
2019	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$390,000
2019	Regents of the University of Michigan	MI	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$12,000
2019	Western Michigan University School of Medicine	MI	R01AI029690	Aberrant Signaling in B1 Cells	\$377,500
2019	MICHIGAN STATE UNIVERSITY	MI	U01AI126610	Treating Brain Swelling in Pediatric Cerebral Malaria	\$1,454,260
2019	Regents of the University of Michigan	MI	R01AI130025	Role of the gender biased transcription factor VGLL3 in promoting autoimmune responses in SLE	\$407,979
2019	Regents of the University of Michigan	MI	R21AI137669	Rapid pathogen identification in pneumonia using real-time metagenomics and ultrasensitive PCR	\$195,000
2019	Regents of the University of Michigan	MI	R01AI134678	Structure-based functional annotation of microbial genomes	\$722,354
2019	Regents of the University of Michigan	MI	R01AI137085	Molecular Mechanisms of Protein Sorting by the Type II Secretion System	\$402,121
2019	Regents of the University of Michigan	MI	R21AI138180	Relationship between the ontogeny of immunosuppression and increased susceptibility to infection during infancy	\$195,000
2019	WAYNE STATE UNIVERSITY	MI	R21AI138089	Understanding and harnessing the functions of B cells to prevent preterm labor	\$231,000
2019	Regents of the University of Michigan	MI	R01AI140133	SLC9A3 regulation of esophageal dilated intercellular spaces in EoE Subtypes	\$652,468
2019	Regents of the University of Michigan	MI	R01AI148076	Nanoparticle-mediated reprogramming of circulating monocytes and neutrophils to decrease inflammation-mediated damage after trauma	\$704,971
2019	MICHIGAN STATE UNIVERSITY	MI	R01AI145925	Determining How a Dynamic Microbiome Contributes to Cystic Fibrosis Lung Disease	\$561,335
2019	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	\$573,003
2019	Regents of the University of Michigan	MI	R01AI120607	ENDOLYSOSOMAL FUNCTION IN CHRONIC TOXOPLASMA INFECTION	\$360,475
2019	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$2,859,652
2019	Regents of the University of Michigan	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$1,019,318
2019	Regents of the University of Michigan	MI	R01AI121156	Innate T cell metabolism and immune diseases	\$387,500

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2019	MICHIGAN STATE UNIVERSITY	MI	R01AI116605	Mechanisms of Mycobacterium Tuberculosis pH-driven Adaptation	\$380,231
2019	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$475,000
2019	Regents of the University of Michigan	MI	R03AI137658	Indirect Effects of Influenza Vaccine in Households With Children	\$78,000
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI138707	Mechanistic understanding of HIV-1 broad neutralizing antibody evolution	\$193,750
2019	Regents of the University of Michigan	MI	K08AI130362	Host-Pathogen Interactions Influencing Streptococcus pyogenes Mucosal Carriage	\$165,455
2019	Regents of the University of Michigan	MI	R21AI132379	HIV evasion of the innate immune response	\$188,354
2019	Regents of the University of Michigan	MI	R37AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$537,774
2019	Regents of the University of Michigan	MI	UH2AI132931	Ontology-supported Integrative Analysis and Visualization of Vaccine-induced Pathways and Networks	\$206,252
2019	MICHIGAN STATE UNIVERSITY	MI	R21AI138345	A novel mouse model to study DNA ligase 3 function in vivo	\$229,592
2019	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$376,250
2019	Regents of the University of Michigan	MI	R01AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$447,443
2019	WAYNE STATE UNIVERSITY	MI	R01AI127390	Mechanisms for Vibrio cholerae colonization and pathogenesis in zebrafish	\$386,000
2019	Regents of the University of Michigan	MI	F31AI131957	Mechanisms of HIV-1 persistence and strategies to elicit Cytotoxic T Lymphocyte-mediated clearance of infected cells	\$36,028
2019	Regents of the University of Michigan	MI	R33AI127492	Rational design of CNS-permeable cathepsin L inhibitors for treatment of chronic toxoplasmosis	\$525,026
2019	Regents of the University of Michigan	MI	R21AI136657	Acceptability and feasibility of self-collecting biological specimens among high-risk populations	\$196,757
2019	Regents of the University of Michigan	MI	R01AI133935	Viral interaction with host eIF2alpha kinases	\$608,217
2019	Regents of the University of Michigan	MI	R21AI142032	Studying cognate interactions of follicular Tregs and germinal center B cells	\$234,000
2019	Regents of the University of Michigan	MI	R21AI141835	Human astrovirus infection of human intestinal enteroids	\$206,950
2019	Regents of the University of Michigan	MI	R01AI143852	Dynamical modeling of hospital transmission and antibiotic resistance evolution in a multidrug resistant nosocomial pathogen	\$580,264
2019	Regents of the University of Michigan	MI	R21AI138177	Intestinal epithelial immunological responses and food allergen sampling	\$195,000
2019	Regents of the University of Michigan	MI	R01AI148383	Development of natural product inhibitors of Nef for clearance of HIV reservoirs	\$739,671
2019	Regents of the University of Michigan	MI	R01AI134731	Fitness of gram-negative pathogens during bacteremia	\$720,974

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2019	WAYNE STATE UNIVERSITY	MI	R01AI145829	Mechanisms of trophoblast-induced immune modulation	\$385,000
2019	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$233,665
2019	UNIVERSITY OF MINNESOTA	MN	R01AI103760	Protective CD4+ T Cells	\$467,388
2019	MAYO CLINIC	MN	R01AI120949	Mechanisms Regulating Human NK Cell Cytotoxicity	\$397,500
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132496	Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccines	\$718,641
2019	UNIVERSITY OF MINNESOTA	MN	R01AI136445	Siderophore Inhibitors for Tuberculosis that Block Mycobactin Biosynthesis	\$770,507
2019	UNIVERSITY OF MINNESOTA	MN	R21AI138061	Discovery of a novel target for giardiasis	\$190,700
2019	UNIVERSITY OF MINNESOTA	MN	R01AI143784	Targeting Biotin Metabolism in Mycobacterium Tuberculosis	\$820,039
2019	UNIVERSITY OF MINNESOTA	MN	R01AI143828	Regulation of the Immune Response to Plasmodium by IL-10 Producing Natural Killer Cells	\$464,317
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI136780	Extended follow-up of randomized participants in the INSIGHT START trial	\$1,299,165
2019	MAYO CLINIC	MN	R56AI145407	BCL2 family proteins promote HIV-1 persistence	\$397,500
2019	MAYO CLINIC	MN	R01AI091594	Novel Electrochemical Bandage for Treatment of Wound Infections	\$479,443
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T35AI118620	Medical Student Summer Research Program in Infection and Immunity	\$40,752
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI122742	Functional genomics analysis of colonization and persistence of Enterococcus faecalis in the gastrointestinal tract.	\$411,999
2019	MAYO CLINIC	MN	R01AI128729	Mechanisms of IL-33 secretion in allergic diseases	\$510,759
2019	UNIVERSITY OF MINNESOTA	MN	R01AI131586	Mechanism of Lassa fever virus Z protein in immune suppression and viral virulence	\$749,142
2019	UNIVERSITY OF MINNESOTA	MN	R01AI140631	Making and breaking CD8+ T cell self-tolerance	\$155,005
2019	MINNETRONIX INC	MN	R42AI120751	Validation of a Novel Fungicidal Approach for Cryptococcal Meningitis	\$970,147
2019	MAYO CLINIC	MN	R37AI071106	Mechanisms of Allergen-induced Type 2 Immunity	\$485,991
2019	UNIVERSITY OF MINNESOTA	MN	R21AI144311	Targeted Genetic Therapy for Artemis-Deficient SCID	\$190,726
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI124512	Development of Immune tolerance	\$385,000
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038903	T cell homeostasis	\$694,309
2019	UNIVERSITY OF MINNESOTA	MN	K99AI139381	Defining the function of extracellular ATP sensing for memory CD8+ T cell generation and longevity	\$99,705
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$618,086
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	Development of Paratransgenic Ticks for Disease Control	\$553,352

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2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$300,005
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U24AI118635	Multiplex immune analysis of antigen specific CD4+ T cells in autoimmune diabetes	\$399,999
2019	MAYO CLINIC	MN	R01AI127365	Genetic Markers of Long-Term Mumps Vaccine Immunity	\$729,502
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI135475	Identifying M. tuberculosis ESX-5 Secreted Substrates Required for Virulence.	\$189,120
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F30AI131483	Contribution of antigen presenting cells to thymic negative selection	\$48,094
2019	UNIVERSITY OF MINNESOTA	MN	R21AI136731	Direct Approach to Identifying Sources of Rebound in Lymphatic Tissue after Treatment Interruption	\$231,000
2019	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	K01AI130409	Genetic Variants Associated with Tacrolimus Metabolism in Kidney Transplant Recipients	\$222,767
2019	MAYO CLINIC	MN	T32AI132165	PhD Training Program in Virology and Gene Therapy	\$145,252
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI123146	The impact of pyrazinamide on metabolism in Mycobacterium tuberculosis.	\$385,000
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI141981	The effect of inflammation and damage to lymph node structures on durable protective immunity following vaccination	\$616,774
2019	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$465,711
2019	MAYO CLINIC	MN	R21AI142702	Secondary use of EMR for residency training in asthma care and documentation	\$238,500
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$462,000
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$258,606
2019	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R37AI039560	TCR signal strength in thymic selection	\$372,106
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$1,002,980
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K25AI118476	Mathematical modeling and analysis of HIV care trajectories and retention in care challenges	\$129,591
2019	MAYO CLINIC	MN	R01AI121054	Understanding measles vaccine failure (and success) in Southern India	\$757,506
2019	MAYO CLINIC	MN	R01AI132348	Transcriptomic Signatures of Influenza Vaccine Responses	\$775,707
2019	UNIVERSITY OF MINNESOTA	MN	R01AI134636	Impact of Cryptococcus Titan Cells on Pathogenesis.	\$502,026
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI138793	Molecular Determinants of HIV hypermutation	\$17,500
2019	UNIVERSITY OF MINNESOTA	MN	R01AI139420	Protein O-GlcNAcylation in Regulatory T Cell Function	\$445,829
2019	MAYO CLINIC	MN	R21AI135858	ST8Sia6 protects against the immune response	\$238,500

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2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI144932	Protein engineered inhibitors of TNF Receptor activation: new therapeutics and new technology	\$214,842
2019	UNIVERSITY OF MINNESOTA	MN	R01AI136982	Discovery and development of novel anti-HCMV agents targeting the UL89 terminase protein	\$654,500
2019	MAYO CLINIC	MN	R13AI147671	3rd Conference on AIDS-related Mycoses	\$8,000
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI116678	Generation and function of "long-lived effector" memory CD8 T cells	\$378,113
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$74,584
2019	MAYO CLINIC	MN	R01AI136718	Vaccine Synergy through Synchronous Delivery	\$798,766
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI118511	Phased Implementation of a Public Health Programme: Cryptococcal Screening and Treatment in South Africa	\$564,174
2019	UNIVERSITY OF MINNESOTA	MN	R37AI034495	In Vivo Prevention of Murine GVHD	\$486,999
2019	UNIVERSITY OF MINNESOTA	MN	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	\$629,055
2019	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R01AI140303	Gut Microbiota and Effect on Immune Suppressants in Transplantation	\$738,472
2019	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$866,796
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K99AI147811	The Vif-APOBEC Nexus	\$135,702
2019	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	K08AI141761	Memory T follicular helper cell kinetics and localization during recall immune responses to tetanus vaccination	\$199,260
2019	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$510,764
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$380,000
2019	MAYO CLINIC	MN	K08AI122838	Engineering an HIV-resistant immune system for HIV cure	\$196,128
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI143380	Targeting virus-specific CAR T cells to lymphoid follicles to achieve durable HIV suppression	\$749,449
2019	UNIVERSITY OF MINNESOTA	MN	R01AI134406	A New Approach to Reactivating HIV from Latency	\$606,464
2019	UNIVERSITY OF MINNESOTA	MN	R01AI147540	Co-repressors in STAT5-dependent CD4+ T Cell Development and Function	\$484,777
2019	UNIVERSITY OF MINNESOTA	MN	R01AI145147	Regulation of T cell responses by P2RX7	\$550,688
2019	UNIVERSITY OF MINNESOTA	MN	F31AI148047	Single nucleotide variations account for strain specific virulence changes in Cryptococcus neoformans	\$30,940
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI147813	APOBEC PROTEINS AND RIBOVIRAL RESTRICTION	\$60,854
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI147805	Comparative human retroviral assembly in the context of cell polarization	\$30,649
2019	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$2,173,652
2019	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$397,500
2019	MAYO CLINIC	MN	R01AI112844	IRF4 and immunity to influenza infection	\$389,092

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2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$766,212
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI125127	Reservoir Dynamics in Patients Treated in Very Early Acute HIV Infection	\$627,240
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$362,712
2019	MAYO CLINIC	MN	R01AI120698	Evaluating the role of the novel apoptosis inhibitor TRAILshort, in maintaining HIV persistence.	\$505,728
2019	UNIVERSITY OF MINNESOTA	MN	R21AI140109	O-GlcNAc signaling enables the intestinal epithelial remodeling associated with type 2 immunity	\$231,000
2019	UNIVERSITY OF MINNESOTA	MN	R21AI139730	Fungal-Bacterial Microbiome Interactions in the Developing Infant Gut	\$199,300
2019	UNIVERSITY OF MINNESOTA	MN	R21AI137487	Role of TrkA in airway allergic inflammation	\$192,500
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI144840	Engineered Systems for Conditional and Temporal Gene Manipulation in Primary Lymphohematopoietic Cells	\$77,000
2019	UNIVERSITY OF MINNESOTA	MN	R01AI143826	Detection and Activation of CD4+ T cells with Low Affinity TCRs	\$383,226
2019	MAYO CLINIC	MN	R21AI146431	Studies of translational regulatory networks in macrophage-mediated inflammatory responses	\$247,694
2019	UNIVERSITY OF MINNESOTA	MN	F31AI145091	Identification of molecular target (s) of action of the anthelmintic praziquantel in the human host	\$41,016
2019	MAYO CLINIC	MN	K08AI141765	Gender-specific effects of puberty on airway epithelial differentiation in asthma	\$185,760
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$455,796
2019	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$542,206
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132962	Mechanisms and consequences of epithelial cell survival from influenza virus infection.	\$385,000
2019	UNIVERSITY OF MINNESOTA	MN	R01AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$466,620
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K23AI138851	Evaluation of CRAG screening with enhanced antifungal therapy for asymptomatic CRAG-positive persons	\$197,860
2019	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K08AI134262	Evaluating Antiretroviral Pharmacology in the Female Genital Tract to Optimize HIV Prevention	\$169,392
2019	MAYO CLINIC	MN	R03AI131011	Kruppel-like factor (KLF) 10 regulates intestinal macrophages and experimental colitis	\$79,500
2019	MAYO CLINIC	MN	R01AI138965	Systems Biology of Mumps Vaccine Response	\$777,489
2019	MAYO CLINIC	MN	R01AI134937	Mechanisms of Ebola virus-mediated inflammatory activation linked to pathogenesis	\$592,130
2019	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$437,480

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2019	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$392,654
2019	WASHINGTON UNIVERSITY	MO	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$407,340
2019	WASHINGTON UNIVERSITY	MO	F31AI138393	Defining and Modulating the Quality of a CD4+ T 'Helper' Cell Response	\$30,934
2019	WASHINGTON UNIVERSITY	MO	R01AI127554	Glycogen in Bacterial Vaginosis & How Carbohydrates Shape the Vaginal Microbiome	\$380,950
2019	WASHINGTON UNIVERSITY	MO	P01AI120943	Structural and Functional Characterization of the Ebola Virus Replication Complex	\$2,563,154
2019	WASHINGTON UNIVERSITY	MO	R01AI131680	NATURAL KILLER CELL CONTROL OF MURINE CYTOMEGALOVIRUS INFECTION	\$540,745
2019	WASHINGTON UNIVERSITY	MO	R21AI137188	PEPTIDOGLYCAN MODIFICATION AS AN IMMUNITY MECHANISM AGAINST TYPE 6 SECRETION ATTACK IN ACINETOBACTER	\$190,625
2019	WASHINGTON UNIVERSITY	MO	R21AI137450	A Genetic Locus that Regulates Susceptibility to Highly Pathogenic H5N1 Influenza Virus	\$195,937
2019	WASHINGTON UNIVERSITY	MO	R03AI139875	THE ROLE OF TH1 CD4 T CELLS IN CONTROL OF VIRAL INFECTION	\$78,375
2019	SOUTHEAST MISSOURI STATE UNIVERSITY	MO	R03AI144661	GENETIC REGULATION OF THE TWIN ARGININE TRANSLOCATION SYSTEM IN SALMONELLA ENTERICA SEROVAR TYPHIMURIUM	\$0
2019	WASHINGTON UNIVERSITY	MO	R01AI139314	Norovirus regulation via bacterial modulation of interferon-lambda	\$391,250
2019	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R15AI138116	Ribonuclease-mediated control of sepsis-induced systemic inflammation	\$465,000
2019	WASHINGTON UNIVERSITY	MO	R21AI144220	Role of T6SS in plasmid-mediated MDR dissemination in Acinetobacter	\$234,563
2019	VaxNewMO LLC	MO	R41AI142928	Development of a bioconjugate vaccine against Group B Streptococcus	\$300,000
2019	ZenVax LLC	MO	R41AI145611	Use of mimotope vaccine technology to develop vaccines against bacterial pathogens	\$230,244
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI147640	Use of Clinical Samples to Identify Influenza Virus Antigenic Variants	\$566,874
2019	WASHINGTON UNIVERSITY	MO	R01AI125618	ITACONATE AS METABOLIC REGULATOR OF INFLAMMATION	\$381,250
2019	WASHINGTON UNIVERSITY	MO	K99AI141683	A SECRETED VIRAL PROTEIN DETERMINES NOROVIRUS PERSISTENCE BY IMMUNE EVASION	\$125,817
2019	CHILDREN'S MERCY HOSPITAL	MO	R56AI147778	Natural killer cell regulation of the germinal center HIV neutralizing antibody response	\$725,421
2019	WASHINGTON UNIVERSITY	MO	U01AI131342	GUT SPECIFIC AND TIME-LIMITED EVENTS IN EARLY LIFE PROMOTING TOLERANCE	\$437,930

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$506,896
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134661	How Do Arboviruses Escape the Mosquito Midgut?- Analysis of a Novel Mechanism	\$383,106
2019	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$800,095
2019	WASHINGTON UNIVERSITY	MO	R01AI125045	Preclinical studies of a Cryptococcus vaccine for AIDS patients	\$644,346
2019	WASHINGTON UNIVERSITY	MO	K08AI121422	IMPROVED ANTIGEN DETECTION TESTS FOR FILARIAL INFECTIONS	\$173,179
2019	WASHINGTON UNIVERSITY	MO	R01AI129545	Natural Killer Cell Tolerance to Self	\$517,108
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI129996	Host Response and Immunity to Yersenia pestis Infection	\$366,176
2019	WASHINGTON UNIVERSITY	MO	R01AI134236	The Role of Group 3 Innate Lymphoid cells (ILC3) in Tuberculosis	\$674,402
2019	WASHINGTON UNIVERSITY	MO	R01AI126887	Molecular Microbiology of Enterotoxigenic E. coli Pathogen-Host Interactions	\$246,173
2019	WASHINGTON UNIVERSITY	MO	R01AI137162	Structural Vaccinology and Design of Novel Immunogens for Malaria Vaccine Development	\$732,800
2019	WASHINGTON UNIVERSITY	MO	K08AI132745	CHARACTERIZATION OF ASTROVIRUS VA1, A NOVEL NEUROTROPIC VIRUS	\$161,774
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI130347	ROLE OF DENDRITIC CELLS IN REGULATING VACCINE- INDUCED IMMUNITY AGAINST Q FEVER	\$191,000
2019	WASHINGTON UNIVERSITY	MO	R21AI142723	HUMAN VARIANT IN CoQ BIOSYNTHESIS IMPAIRS LUNG IMMUNITY IN ACUTE PNEUMONIA	\$234,000
2019	WASHINGTON UNIVERSITY	MO	R01AI132653	Regulation of Immune Responses to Mycobacterium tuberculosis Infection	\$592,674
2019	WASHINGTON UNIVERSITY	MO	R01AI118938	The Role of IFI35 in Innate Immunity and Influenza Pathogenesis	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$381,250
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI145960	Mechanism of botulinum neurotoxin transport across membranes	\$358,900
2019	WASHINGTON UNIVERSITY	MO	R01AI125743	HISTAMINE-INDEPENDENT MAST CELL NERVE INTERACTIONS IN ALLERGY	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF HOST RESPONSES TO RESPIRATORY VIRAL INFECTION BY ISG15	\$392,187
2019	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$370,125
2019	WASHINGTON UNIVERSITY	MO	K08AI120854	CONTROL OF HIV REPLICATION BY CYCLIN L2	\$132,907

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$508,535
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116595	The parvovirus-induced DNA damage response and cell cycle perturbations	\$379,283
2019	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$753,335
2019	WASHINGTON UNIVERSITY	MO	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	\$188,088
2019	WASHINGTON UNIVERSITY	MO	R01AI125363	INVESTIGATING TYPE VI SECRETION IN ACINETOBACTER BAUMANNII AND ITS INTERPLAY WITH ANTIBIOTIC RESISTA	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI130152	Regulation of Normal and Pathogenic B Cell Proliferation by a c-Myc-initiated Transcription Factor Cascade	\$486,196
2019	WASHINGTON UNIVERSITY	MO	R21AI132133	Immune Protection Against Sexually Transmitted Zika Virus Infection	\$228,750
2019	WASHINGTON UNIVERSITY	MO	R21AI140979	Cryptococcal factors in host cell interactions	\$195,937
2019	WASHINGTON UNIVERSITY	MO	R01AI135012	CRYPTOCOCCAL GLYCAN SYNTHESIS	\$554,268
2019	WASHINGTON UNIVERSITY	MO	R01AI134847	Chemical disarming of drug resistance in Mycobacterium tuberculosis	\$662,129
2019	WASHINGTON UNIVERSITY	MO	R01AI138565	Enterotoxigenic B. fragilis Acquisition in Disease Susceptibility	\$392,709
2019	PRECISION VIROLOGICS INC	MO	R41AI138964	Biologically Targeted Vaccine for Chikungunya	\$300,000
2019	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$959,574
2019	WASHINGTON UNIVERSITY	MO	R01AI142135	Metagenomic shotgun microbial sequencing in post-transplant lymphoproliferative disorders (PTLD-MSMS)	\$579,282
2019	WASHINGTON UNIVERSITY	MO	F30AI129110	Metabolic requirements of NK cell responses to viral infection	\$50,016
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI133450	Development of a Host Targeted Therapeutic for Pneumonic Plague	\$217,106
2019	WASHINGTON UNIVERSITY	MO	F32AI138373	Heat Shock Protein Prenylation in Malaria Parasites	\$61,610
2019	WASHINGTON UNIVERSITY	MO	K08AI113184	THE MICROBIOTA AND MUCOSAL IMMUNE RESPONSES IN THE DEVELOPMENT OF ASTHMA	\$160,850
2019	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	\$474,977
2019	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$524,416
2019	WASHINGTON UNIVERSITY	MO	R01AI130591	PARP9-DTX3L Control Of Viral Infection and Airway Disease	\$608,777
2019	WASHINGTON UNIVERSITY	MO	R01AI127752	METABOLIC REGULATION OF NATURAL KILLER CELL ACTIVATION	\$381,250
2019	WASHINGTON UNIVERSITY	MO	K08AI127714	VIRULENCE REGULATION AND PROTECTIVE IMMUNITY IN KLEBSIELLA PNEUMONIA	\$175,738

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WASHINGTON UNIVERSITY	MO	K23AI130389	Accelerating Translational Development of Novel Antigens for an Enterotoxigenic E. coli Vaccine	\$146,369
2019	WASHINGTON UNIVERSITY	MO	R21AI143413	In vitro and in vivo analysis of macrophage-mediated clearance of HIV-1 latent reservoir	\$195,156
2019	WASHINGTON UNIVERSITY	MO	R21AI135490	IDENTIFICATION OF MECHANISMS CONTRIBUTING TO CHIKUNGUNYA VIRUS INDUCED CHRONIC ARTHRITIS	\$228,750
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	\$4,125
2019	SAINT LOUIS UNIVERSITY	MO	R03AI139835	Enhanced Virome Sequencing in Human Blood	\$75,750
2019	SAINT LOUIS UNIVERSITY	MO	R21AI138096	Antenatal Inflammation and Infant Immunity	\$227,250
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134681	Mimetic Peptides-Mediated Protection Against Coxiella burnetii Infection	\$536,977
2019	SAINT LOUIS UNIVERSITY	MO	R01AI122669	Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	\$440,118
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI143363	Examining the role of IP6 in HIV-1 replication	\$189,394
2019	WASHINGTON UNIVERSITY	MO	R21AI144472	Towards noninvasive diagnosis of malaria	\$297,059
2019	WASHINGTON UNIVERSITY	MO	R21AI137223	TARGETING COMPLEMENT TO GRAM-NEGATIVE BACTERIA WITH ANTIBODY: PROPERDIN CONJUGATES	\$234,563
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI141945	IDENTIFY NOVEL NEUTRALIZATION-SENSITIVE EPITOPES OF COXIELLA BURNETII	\$192,100
2019	WASHINGTON UNIVERSITY	MO	R01AI146093	Structure-function analysis of type IVB secretion systems	\$517,416
2019	WASHINGTON UNIVERSITY	MO	R01AI123780	COMMON IMMUNE CORRELATES OF RISK OF TB DISEASE IN ANIMAL MODELS AND HUMANS	\$668,570
2019	WASHINGTON UNIVERSITY	MO	R01AI077600	Epithelial Responses to Bacterial Invasion	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI114551	AUTOIMMUNE DIABETES: EARLY EVENTS IN ISLETS OF LANGERHANS	\$455,659
2019	WASHINGTON UNIVERSITY	MO	R01AI126909	Pathogenesis of HRPII in Cerebral Malaria	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$651,846
2019	WASHINGTON UNIVERSITY	MO	R37AI049653	DIFFERENTIATION AND FUNCTION OF MONOCYTES AND MACROPHAGES	\$381,250
2019	WASHINGTON UNIVERSITY	MO	P01AI116501	Pathways Regulating Lung Transplant Tolerance	\$1,433,206
2019	WASHINGTON UNIVERSITY	MO	R01AI130454	Mechanisms of Innate Immune Evasion by Mycobacterium Tuberculosis	\$544,535
2019	WASHINGTON UNIVERSITY	MO	R21AI130584	SELECTIVE INHIBITION OF THE P. FALCIPARUM GLUCOSE TRANSPORTER PFHT	\$190,625
2019	WASHINGTON UNIVERSITY	MO	R21AI138385	Comparative Effectiveness and Safety of Influenza Immunization Strategies in the Dialysis Population	\$195,557

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WASHINGTON UNIVERSITY	MO	R01AI136515	The Role of Route of Entry by Bacterial Antigens on Colonic T Cell Responses	\$550,077
2019	WASHINGTON UNIVERSITY	MO	R01AI134967	DEFINING NOVEL, EVOLUTIONARILY CONSERVED HOST FACTORS CRITICAL FOR VIRUS INFECTION.	\$391,875
2019	WASHINGTON UNIVERSITY	MO	R21AI139813	DIVISION OF LABOR IN HUMAN B CELL RESPONSES TO INFLUENZA VIRUSES	\$190,625
2019	WASHINGTON UNIVERSITY	MO	R01AI140755	ROLE OF STRESS IN GUT IMMUNE INTERACTIONS WITH COMMENSAL BACTERIA	\$627,297
2019	WASHINGTON UNIVERSITY	MO	R01AI134962	THE ROLE OF NEUTROPHILS IN REGULATING DISEASE SEVERITY OF VIRAL SEXUALLY TRANSMITTED INFECTIONS	\$392,604
2019	INTACT GENOMICS INC	MO	R44AI140943	Rapid discovery of thousands of intact biosynthetic gene pathways for bioactive natural product compounds from un-sequenced filamentous fungi using a novel FAC-NGS tool	\$300,000
2019	WASHINGTON UNIVERSITY	MO	R21AI145012	The DKE-121 strain as a possible new Dengue virus serotype	\$195,469
2019	WASHINGTON UNIVERSITY	MO	R01AI144120	Molecular Insights into the Uropathogenesis of MDR Acinetobacter baumannii	\$621,666
2019	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$1,548,815
2019	WASHINGTON UNIVERSITY	MO	R56AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$696,640
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	F32AI131468	Interaction between parvovirus replication and the cellular DNA-damage response	\$63,746
2019	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$504,144
2019	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$392,709
2019	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$451,415
2019	WASHINGTON UNIVERSITY	MO	R01AI138447	Plasmepsin X function in Plasmodium	\$381,250
2019	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$661,304
2019	WASHINGTON UNIVERSITY	MO	R01AI128845	LIVER TISSUE-RESIDENT NATURAL KILLER CELLS	\$193,998
2019	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$699,874
2019	SAINT LOUIS UNIVERSITY	MO	R21AI135311	Nucleotidyl transferase antagonists as inhibitors of HSV replication	\$227,250
2019	WASHINGTON UNIVERSITY	MO	R01AI130222	Leishmania RNA viruses and pathogenesis	\$663,839
2019	WASHINGTON UNIVERSITY	MO	R01AI140397	ORIGINS AND FUNCTIONS OF UTERINE NATURAL KILLER CELLS IN PREGNANCY	\$547,182
2019	WASHINGTON UNIVERSITY	MO	R01AI139540	Strength of TCR:self-pMHC interactions in the periphery instructs CD4+ T help cell responses	\$467,048

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2019	WASHINGTON UNIVERSITY	MO	R21AI145669	Translational regulation of HIV-1 replication and host responses	\$234,563
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI136611	Characterization of novel small molecule inhibitors of Vpu as potential HIV therapeutics	\$228,014
2019	WASHINGTON UNIVERSITY	MO	R01AI150297	Function of Wdfy4 in cross-presentation and immunity	\$468,344
2019	WASHINGTON UNIVERSITY	MO	R56AI070759	Short Chain Fatty Acids and Streptococcus Pyogenes Virulence	\$353,344
2019	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$516,265
2019	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$174,260
2019	WASHINGTON UNIVERSITY	MO	R01AI132697	Autophagy proteins in the immune response to Mycobacterium tuberculosis infection	\$475,781
2019	WASHINGTON UNIVERSITY	MO	R21AI142257	Immune Regulation by Bacteroides Polysaccharide Capsules	\$277,680
2019	WASHINGTON UNIVERSITY	MO	R01AI123407	ROLE OF CELL WALL INTEGRITY IN ECHINOCANDIN RESISTANCE IN C. NEOFORMANS	\$380,000
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI135160	B cells in Pathogenesis of Brucellosis	\$184,406
2019	WASHINGTON UNIVERSITY	MO	R01AI130278	Immunomodulatory Effects of Heterochiral Biomaterials	\$441,010
2019	WASHINGTON UNIVERSITY	MO	K08AI135097	INTESTINAL MICROBIAL REGULATION OF ANTIVIRAL IMMUNITY	\$175,606
2019	WASHINGTON UNIVERSITY	MO	R21AI140957	DEVELOPING IN VITRO CULTURE SYSTEMS FOR CRYPTOSPORIDIUM HOMINIS CULTIVATION	\$195,937
2019	WASHINGTON UNIVERSITY	MO	U01AI141990	Programming Durable Immune Responses To Vaccination	\$719,857
2019	WASHINGTON UNIVERSITY	MO	R21AI139649	Role of dysbiotic commensal bacteria in modulating airway inflammation in a mouse model with human lung immune system	\$195,313
2019	WASHINGTON UNIVERSITY	MO	R01AI143292	Novel VP30-host Interactions that Negatively Regulate Ebola Virus Infection	\$832,743
2019	Auragent Bioscience, LLC	MO	R43AI145593	Inexpensive Add-on Plasmonic Patch to Enable Ultrasensitive and High-Dynamic Range Protein Microarrays	\$197,065
2019	WASHINGTON UNIVERSITY	MO	R01AI143673	Structure-Function Analysis of Mxra8 Interaction with Alphaviruses.	\$511,257
2019	WASHINGTON UNIVERSITY	MO	R01AI141716	Microbiota-dependent regulation of primitive hematopoieses	\$480,300
2019	SAINT LOUIS UNIVERSITY	MO	R21AI137533	Study of responses to CD44 targeted nanovectors to design a novel adjunctive anti-tuberculosis host-directed therapy	\$245,811

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WASHINGTON UNIVERSITY	MO	R21AI146999	New test for the diagnosis of acute respiratory infection that detects viruses and evaluates host gene expression in a nasal sample	\$235,313
2019	WASHINGTON UNIVERSITY	MO	R01AI143982	Mechanisms of STING-associated immunodeficiency	\$466,883
2019	WASHINGTON UNIVERSITY	MO	F31AI143389	Investigating the integration-independent role of HIV-1 integrase in the viral life cycle and virion morphogenesis	\$30,942
2019	WASHINGTON UNIVERSITY	MO	R21AI142554	Novel models for analysis of toxin synergy in Streptococcus pyogenes pathogenesis	\$234,000
2019	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$383,114
2019	WASHINGTON UNIVERSITY	MO	R01AI127513	IFN Dependent Control of Acute and Chronic Chikungunya Virus Induced Disease	\$530,526
2019	WASHINGTON UNIVERSITY	MO	R00AI125065	DEVELOPING HUMANIZED MOUSE MODELS FOR THE STUDY OF HIV-1 LATENCY AND VIRAL EDUCATION	\$249,000
2019	WASHINGTON UNIVERSITY	MO	R21AI136688	MITOCHONDRIAL REGULATION IN CRYPTOCOCCUS NEOFORMANS	\$196,093
2019	WASHINGTON UNIVERSITY	MO	R01AI139251	IDENTIFICATION AND CHARACTERIZATION OF RNA STRUCTURES IN THE GENOME OF INFLUENZA VIRUS	\$504,545
2019	WASHINGTON UNIVERSITY	MO	U01AI131349	Evaluation of Antigen-Specific Immune Interactions with Commensal Bacteria in Neonates	\$297,091
2019	WASHINGTON UNIVERSITY	MO	R01AI134035	CIS-REGULATORY CIRCUITS FOR ILC FUNCTION AND PLASTICITY	\$686,003
2019	WASHINGTON UNIVERSITY	MO	K23AI137321	Longitudinal Analysis of the Fecal Microbiome and Resistome of Patients with Multidrug-Resistant Urinary Tract Infections and Predictors of Recurrence	\$168,741
2019	NEWVENTUREIQ, LLC	MO	R41AI142919	Rapid high-resolution typing of Human Leukocyte Antigen genes by nanopore sequencing for transplantation	\$284,282
2019	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI110420	TCR signal transduction in the regulation of T cell memory	\$359,041
2019	WASHINGTON UNIVERSITY	MO	R01AI113118	UNDERSTANDING AUTOREACTIVE T CELL PATHOGENICITY	\$381,250
2019	UNIVERSITY OF MISSISSIPPI	MS	R15AI137996	Myxobacterial predatory antimicrobial production in response to quorum sensing signal interception	\$422,422
2019	UNIVERSITY OF MISSISSIPPI	MS	R21AI142210	Target-based chemotherapeutics development against Mycobacterium tuberculosis	\$192,954
2019	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$372,603
2019	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R01AI140985	New Inhibitors Targeting HIV-1 Integrase During Viral Maturation	\$367,835
2019	MISSISSIPPI STATE UNIVERSITY	MS	R21AI135820	Risk Assessment of Influenza A viruses	\$218,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	MISSISSIPPI STATE UNIVERSITY	MS	R01AI139479	Structure, Orientation, and Competitive Interactions of S. Epidermidis Biofilm Proteins on Surfaces	\$353,289
2019	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI135893	Interleukin-17A promotes CD8+ T cell responses in West Nile virus infection	\$444,000
2019	UNIVERSITY OF MONTANA	MT	R21AI133334	Metabolic regulation during the two-host lifecycle of Borrelia	\$181,250
2019	PROMILIAD BIOPHARMA INC	MT	R42AI118104	Novel antibacterial agents derived from natural products	\$746,516
2019	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$401,753
2019	UNIVERSITY OF MONTANA	MT	R03AI146927	Competency of sand flies as a vector for Bartonella ancashensis	\$72,500
2019	MONTANA STATE UNIVERSITY	MT	R01AI147441	Modeling and simulation tools for optimizing design of network-informed clinical trials of combination HIV prevention interventions	\$503,925
2019	MONTANA STATE UNIVERSITY	MT	R01AI136758	Cytotoxic immunoconjugates to deplete persistent HIV reservoirs	\$625,098
2019	MONTANA STATE UNIVERSITY	MT	R21AI144496	Optimized phage therapy for Brucella infection	\$180,000
2019	INIMMUNE CORP	MT	R44AI136081	Novel synthetic TLR4 agonists	\$437,073
2019	MONTANA STATE UNIVERSITY	MT	R21AI140163	Genetic and physiological analyses of P. aeruginosa dormancy factors	\$177,360
2019	MONTANA STATE UNIVERSITY	MT	R21AI130670	CRISPR generated human genome knockout library for understanding Chlamydial pathogenesis	\$218,369
2019	UNIVERSITY OF MONTANA	MT	K22AI125282	Understanding polymer-induced bacterial aggregation and antimicrobial tolerance	\$106,024
2019	UNIVERSITY OF MONTANA	MT	R56AI136467	Design and development of a safe recombinant Candid#1 vaccine	\$373,750
2019	UNIVERSITY OF MONTANA	MT	R01AI138981	Immunization against filamentous bacteriophages to prevent bacterial infection	\$1,084,093
2019	UNIVERSITY OF MONTANA	MT	R01AI137146	Fusion: Vaccine conjugate technology to advance vaccine safety and efficacy	\$714,601
2019	UNIVERSITY OF MONTANA	MT	R01AI130247	Regulation of glycerol utilization in Borrelia burgdorferi	\$438,748
2019	UNIVERSITY OF MONTANA	MT	R03AI137620	A role for snoRNAs in RVFV-induced enhancement of alternative splicing	\$72,500
2019	MONTANA STATE UNIVERSITY	MT	R21AI139935	Mechanism and effectors of early HSV-1 superinfection exclusion	\$180,000
2019	Duke University	NC	F32AI138372	Subversion of the host cell cytoskeleton and innate immunity by Chlamydia trachomatis	\$61,610
2019	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$352,781
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$242,086
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$378,114

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2019	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI118769	Structural and mechanistic studies of the IκB Kinase complex	\$371,904
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125097	Peripheral and tissue-resident γ/δ T cells in HIV latency	\$555,190
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131430	Development and pre-clinical evaluation of a novel Polymer-Based In-Situ Forming Implant (ISFI) for Long-Acting HIV PrEP	\$558,250
2019	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$53,045
2019	EAST CAROLINA UNIVERSITY	NC	R21AI133163	Activation of HMOX1 expression by an HBZ-small Maf complex as a potential therapeutic target for HTLV-1 associated diseases.	\$221,250
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI137887	Molecular Characterization of Functional RNA Structures in the ZIKV genome	\$192,793
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132547	RDT-undetectable Malaria in the DR Congo: Epidemiology and Development of Alternatives	\$710,593
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI137866	Development of IL6 Transsignaling Mouse as Shared Resource	\$77,500
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI138337	Obesity associated viral pathogenesis	\$388,750
2019	Duke University	NC	R01AI141444	Malaria diagnostic testing and conditional subsidies to target ACTs in the retail sector: the TESTsmART trial	\$782,485
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI142990	Inflammasomes and Gasdermins in the Pathogenesis of Bullous Pemphigoid	\$37,073
2019	EAST CAROLINA UNIVERSITY	NC	R21AI141438	MucR gene silencing and Brucella virulence	\$182,119
2019	Duke University	NC	R01AI145687	Structures of initial CD4 engagement with pre-fusion, closed HIV-1 Envelope trimer and early CD4-induced conformational changes required for infection	\$758,709
2019	Duke University	NC	R01AI145656	Antigen recognition and activation of B-cell receptors of HIV-1 broadly neutralizing antibodies	\$917,944
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI110700	Mechanisms of MERS-CoV Entry, Cross-species Transmission and Pathogenesis	\$721,207
2019	Duke University	NC	R01AI117780	Disruption of latent HIV-1 proviruses using CRISPR/Cas endonucleases	\$732,425
2019	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R21AI146876	Mechanism and Architecture of EndoMS/NucS Mutation Avoidance in Mycobacteria	\$145,500
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI146872	How MERS-CoV Regulates Innate Immunity in Primary Human Lung Cells	\$194,375
2019	Duke University	NC	UM1AI144371	Induction of protective antibodies for HIV vaccine development	\$21,000,000
2019	Duke University	NC	F30AI143282	Deciphering the principles of selective recognition of complex RNAs by small molecules	\$37,140
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI029564	Molecular and Functional Analysis of NLR Family Members	\$502,378

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$415,344
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$380,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$415,492
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123193	Functional protein networks underlying T cell growth, proliferation and differentiation	\$377,975
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119032	Dissecting Bubonic Plague	\$376,547
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$6,064,003
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI121516	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$199,568
2019	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$696,137
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI120796	Mentoring new investigators in PMTCT implementation research	\$184,005
2019	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	\$397,500
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129541	PlrSR-dependent Signal Transduction in Bordetella Virulence	\$498,560
2019	Duke University	NC	P01AI131276	The origin, predictors, and immune correlates of viral rebound in orally SHIV infected infant monkeys	\$1,646,529
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132178	Broad-spectrum antiviral GS-5734 to treat MERS-CoV and related emerging CoV	\$1,166,670
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI131310	Phase I therapeutic testing of viral-vectored vaccines that shift CD8+ T cell immunodominance to conserved regions of HIV-1	\$1,205,048
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129731	Leveraging Big Data to understand and improve continuity of care among HIV-positive jail inmates	\$653,092
2019	Duke University	NC	K23AI116869	Viral Zoonoses and Severe Febrile Illness in Northern Tanzania	\$189,432
2019	Duke University	NC	R01AI139425	Human GBPs in cell-autonomous immunity to intracellular bacterial pathogens	\$467,220
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135556	AIM2 Function in Beta Cells and Type 1 Diabetes	\$194,375
2019	REDBUD LABS INC	NC	R44AI124930	Device for rapid extraction of rare pathogens from raw samples	\$994,953
2019	Duke University	NC	R21AI135999	Mechanism to evade host immunity by Mucorales fungi	\$237,308
2019	Duke University	NC	R01AI136891	Small Molecule HIV-1 Entry Inhibitor with Novel Mechanisms of Action	\$418,639
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138058	Dual mechanism thiopeptide analogs for TB drug development	\$225,800

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI139126	Early life factors, gene-environment interaction and eosinophilic esophagitis	\$265,882
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI140520	INTERSPECIES INTERACTION AND ANTIBIOTIC EFFICACY AGAINST STAPHYLOCOCCUS AUREUS	\$33,188
2019	Duke University	NC	R21AI133013	Quantifying parasite importation in an epidemic-prone zone of northern Kenya	\$168,924
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI140161	Therapeutic DNA Vaccine for Shellfish Allergies	\$85,122
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI140970	HIV Evolution Defines Virus-Host/Drug Interactions In Viremic and Aviremic People	\$658,797
2019	Duke University	NC	R01AI140897	Neonatal Immunity to novel TF SHIVs	\$797,005
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137525	Biomaterials to study tolerance immune induction kinetics	\$376,558
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI144758	Developing effective adjuvants for native polysaccharide antigen-based vaccines	\$190,145
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI137902	Implications of Congenital Zika Virus Infection	\$205,653
2019	NIRVANA SCIENCES, INC.	NC	R44AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cytometry	\$1,000,000
2019	Duke University	NC	R01AI139207	Dynamic Control of Innate Antiviral Immunity in Skin Homeostasis and Inflammation	\$559,724
2019	Duke University	NC	R01AI125517	Genetic dissection of angiogenesis in the tuberculous granuloma	\$397,500
2019	Duke University	NC	F31AI143136	Causes and Consequences of Hypermutability in Cryptococcus neoformans	\$36,868
2019	Duke University	NC	R03AI146406	Estimating the incremental benefits on active malaria case detection of high-sensitivity rapid diagnostic tests	\$80,500
2019	NOVAN INC	NC	R44AI143022	Development of a nitric oxide-releasing antiviral gel for the treatment of cervical HPV infections and prevention of downstream malignancies in women	\$223,131
2019	Duke University	NC	U19AI142596	Messenger RNA Immunogens for initiation of protective HIV non-neutralizing antibodies	\$3,659,615
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$384,607
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127024	Integrating Decision Making Studies into HIV Cure Trials: A real-time longitudinal assessment	\$546,615
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$373,823
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$444,380
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI121558	Variation in Resistance and Fitness to Artemisinin in African Malaria	\$680,308

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Duke University	NC	K23AI125670	Immune Profiles to Better Understand Chronic Allograft Dysfunction and Successful Long-term Clinical Outcomes after Human Lung Transplantation	\$179,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI130936	University of North Carolina Food Allergy Initiative	\$235,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138247	Genetically Engineered Hamsters as Small Animal Models for Testing RSV Therapeutics	\$151,475
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135542	The Role of ATR Signaling in the Life Cycle of HPV	\$194,375
2019	AFFINERGY LLC	NC	R44AI140931	Novel assay to monitor Tacrolimus levels at the point of care	\$759,336
2019	Duke University	NC	R01AI142376	Genetic analysis of mucin utilization by Akkermansia muciniphila and its impact on host physiology	\$511,305
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135049	Understanding alpha-gal red meat allergy	\$462,261
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI140799	Next generation ultra-long acting antiretroviral formulations for HIV treatment and prevention	\$776,006
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143894	Regulation of CD8+ T cell responses to chronic virus infection	\$500,892
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132421	Lysosome Defects and the Accumulation of Immune Complexes in Human Lupus	\$493,396
2019	Duke University	NC	R01AI143370	Neutralizing and non-neutralizing antibody effector functions in HIV infected children	\$748,130
2019	Duke University	NC	R21AI139397	Aloperine derivatives as novel anti-influenza agents	\$241,000
2019	Duke University	NC	R56AI139620	Immunotherapy to combat skin infections	\$278,905
2019	Duke University	NC	P01AI138211	Immunogen Design for Induction of HIV distal gp41 broadly neutralizing antibodies	\$1,247,121
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143381	Regulation of HIV Latency by Host Cell Transcriptional and Epigenetic Networks	\$388,750
2019	Duke University	NC	R01AI133654	The Genetic Basis of Virulence in Cryptococcus Neoformans	\$496,270
2019	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$409,017
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI145377	Identifying Novel Immune Factors Controlling Flavivirus Pathogenesis	\$232,909
2019	EAST CAROLINA UNIVERSITY	NC	R56AI146930	Virulence Mechanisms of Multifunctional Borrelial Proteins	\$616,527
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$4,032,470
2019	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,979,638
2019	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$467,816
2019	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$526,255

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$1,355,943
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119073	Role of caspase-11 in innate immunity	\$341,839
2019	EAST CAROLINA UNIVERSITY	NC	R01AI126398	Interferon-beta as an Adjuvant for Tolerogenic Vaccination	\$416,673
2019	Duke University	NC	R01AI123083	Structure-Function Analysis of Chlamydia Secretion Chaperones	\$517,940
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI122319	Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence	\$1,009,616
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI118876	Regulation of Memory B Cell Responses to Polysaccharide Antigens	\$384,390
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI134363	The HIV Reservoir in Women: Implications for HIV cure interventions	\$549,711
2019	Duke University	NC	R21AI132911	Phosphoproteomic identification of Aspergillus fumigatus virulence-associated protein kinase A downstream effectors	\$240,750
2019	EAST CAROLINA UNIVERSITY	NC	R21AI130970	Genetic regulation of intestinal epithelial cell innate immune signaling in human type 1 diabetes	\$212,699
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135899	Systematic analysis of components of mycobacterial Mce transporters	\$192,494
2019	Duke University	NC	R01AI134891	Functional characterization of early Chlamydia effectors	\$506,919
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137395	Determinants of malaria transmission by submicroscopic gametocytemia	\$696,402
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI141764	Serial Killers to Mosquitos: The Spatial Targeting of Larval habitats in rural Uganda using geographic Profiling	\$190,063
2019	Duke University	NC	R01AI139216	Discovery and validation of broadly effective LpxH inhibitors as novel therapeutics against multi-drug resistant Gram-negative pathogens	\$560,185
2019	Duke University	NC	R01AI145016	Supramolecular pediatric HIV vaccine design	\$793,206
2019	Duke University	NC	R13AI145563	13th International Conference on HIV Treatment, Pathogenesis, and Prevention Research (Interest)	\$65,000
2019	Duke University	NC	U19AI135902	Messenger RNA immunogens for initiation of HIV V3-glycan neutralizing B cell lineages	\$3,513,157
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI116725	The TREX1 Pathway in Autoimmune Disease	\$386,640
2019	Duke University	NC	R61AI140485	Rapid diagnosis and quantification of HIV by direct capture, labelling and detection of individual virions	\$444,310
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI145408	Computer-based Design of Dengue Virus Vaccine Antigens	\$36,340
2019	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$466,717
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$2,769,729

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2019	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$425,840
2019	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$936,759
2019	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$42,425,177
2019	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$22,293,250
2019	Duke University	NC	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	\$431,820
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI126619	Collaboratory of AIDS Researchers for Eradication (CARE)	\$4,789,982
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123010	The Role of Human Gut Microbiota in HIV-1 Rectal Acquisition, Replication, and Pathogenesis	\$727,806
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125147	Host Targeted Therapy for Drug Resistant Salmonella and Francisella infection	\$1,092,009
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131060	A dyad approach to combination HIV prevention in pregnancy for Zambia and Malawi	\$620,983
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137273	Antibiotic activities against S. aureus during P. aeruginosa co-infection	\$431,166
2019	Duke University	NC	R21AI140019	Posttranslational modifications of host proteins by Chlamydia effectors	\$241,250
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139304	Intestinal epithelial cell exfoliation by caspases	\$427,625
2019	EAST CAROLINA UNIVERSITY	NC	R01AI132818	Delineation of unique flagellar proteins in spirochetes	\$420,228
2019	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI139085	Combining Aedes aegypti genomics and modeling to improve gene drive strategies and our understanding of resistance evolution	\$371,140
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI136990	Blocking type I interferon signaling to reverse T cell exhaustion and control HIV-1 reservoirs	\$842,342
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI138797	Modeling immune impairments and pathogenesis in novel humanized mice for HBV-HIV co-infection	\$783,487
2019	ARREVUS INC	NC	R41AI142829	Development of a predictive moderate throughput assay to screen novel Designer Proline-rich antimicrobial peptide Chaperone protein inhibitors (DPCs) against multi-drug resistant pathogen	\$299,248
2019	Duke University	NC	R21AI144586	Regulation of Salmonella virulence by interspecies methylthioadenosine signaling	\$233,918
2019	Duke University	NC	T32AI141342	Advanced Immunobiology Training Program for Surgeons	\$72,119
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI141333	Micro-Particle Delivery of a Potent Intracellular Adjuvant for a Universal Flu Vaccine	\$1,473,686
2019	Duke University	NC	F31AI140427	Defining pH-Sensing in Fungal Virulence	\$39,187

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2019	Duke University	NC	R21AI135398	Regulation of T cell metabolism and function by IRGM proteins	\$200,729
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI144631	Protective Immune Mechanisms against Zika Virus Infection in the Female Reproductive Tract	\$191,533
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI145646	Feminizing Sex Hormones Impact on PrEP Pharmacology in Transgender Women	\$287,052
2019	Duke University	NC	R01AI118571	Dissection of polyreactivity and neutralization activity of HIV-1 Abs	\$668,337
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI145588	Reducing the HIV Reservoir: Next-Generation Latency Reversal Agents and T Cell Population Targets	\$37,073
2019	Irex Pharma LLC	NC	R41AI142847	IRE1beta Inhibitors: Novel Therapeutics to Manage Excess Mucus in Asthma	\$300,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI146241	Pharmacology of intrathecal/intraventricular polymyxins: A systems-based approach	\$597,848
2019	Duke University	NC	P01AI120756	Bridging Antibody Fc-mediated Antiviral Functions Across Humans and Non-human Primates	\$3,342,424
2019	Duke University	NC	F31AI143147	Mechanisms of methylthioadenosine signaling during Salmonella infection	\$36,868
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$190,755
2019	Duke University	NC	T32AI007392	Interdisciplinary Research Training Program in AIDS	\$417,562
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$505,058
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI125087	Comparative effectiveness of tailored HIV treatment plans and mortality	\$131,606
2019	WAKE FOREST UNIVERSITY	NC	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$321,485
2019	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$1,753,926
2019	Duke University	NC	R01AI118903	HOST GENETIC VARIATION REGULATING SALMONELLA INVASION AND DISEASE SUSCEPTIBILITY	\$428,645
2019	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$19,183,975
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$209,866
2019	Duke University	NC	K23AI125677	Novel Diagnostics to Improve Antimicrobial Stewardship for Acute Respiratory Tract Infections in Resource-Limited Settings	\$182,963
2019	Duke University	NC	R01AI131978	Functional profile to HIV vaccine elicited antibodies in infants	\$400,591
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI141373	C-di-AMP signaling in Clostridium difficile	\$231,321
2019	Duke University	NC	R01AI125604	Dynamics of horizontal gene transfer in response to antibiotic treatment	\$376,853
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI120623	Cellular Interactions of VSV Nucleocapsids	\$422,704

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	Duke University	NC	R01AI127715	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$435,628
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI132925	Regulators of Klebsiella Virulence	\$194,375
2019	Duke University	NC	R21AI137756	LAT in thymic selection of MHC-restricted T cells	\$200,625
2019	Duke University	NC	R21AI132677	The relationship between maternal ZIKV-specific and ADE antibodies and fetal outcome	\$173,534
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI126667	Mechanisms of neutrophil dysfunction during primary pneumonic plague	\$33,188
2019	Duke University	NC	R21AI144380	Defining a novel function for the post-translational modification ufmylation in the antiviral innate immune response	\$240,750
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI144548	Pseudomonas avoids immune clearance by dysregulating host AMPK/mTOR signaling	\$185,684
2019	Duke University	NC	F31AI136313	STAT3-dependent manipulation of host transcription and immune responses by Salmonella	\$36,820
2019	Duke University	NC	R01AI137031	The pathogenic effects of epithelial cells surviving direct influenza virus infection	\$570,450
2019	RESEARCH TRIANGLE INSTITUTE	NC	R01AI141082	Development of Inhaled CPZEN-45 For Tuberculosis Therapy	\$1,006,759
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI144181	University of North Carolina - Chlamydia Vaccine Initiative (UNC-CVI)	\$2,331,505
2019	AFFINERGY LLC	NC	R44AI148062	Development of a novel clinical assay for measuring everolimus levels	\$744,006
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139475	Thymic and peripheral regulation of autoreactive T cells by coreceptor therapy	\$388,750
2019	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI147187	Define long non-coding RNA regulatory mechanisms of host response to influenza infection	\$184,023
2019	Duke University	NC	K24AI143971	Mentoring in Clinical Pharmacology and Early Phase Trials	\$181,181
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$521,332
2019	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI143985	Regulation of Fe ²⁺ RI function by the MS4A gene cluster	\$395,181
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$651,300
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135105	Prevalence, Pathogenesis, and Persistence of Lassa Fever in West Africa	\$729,986
2019	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$253,551
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127346	HIV-1 Vpr disrupts the IFN-TET-ISG pathway to promote HIV-1 infection and persistence	\$532,000
2019	Duke University	NC	R01AI125416	Defining the role of the RNA modification N6-methyladenosine in the hepatitis C virus lifecycle	\$494,822

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119164	Natural Immunity Against Chlamydia trachomatis	\$808,098
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI114378	Experimental human infection with isogenic mutants of Neisseria gonorrhoeae	\$0
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI149644	Respiratory Virus Vaccine and Adjuvant Exploration	\$1,000,000
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123535	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$648,834
2019	Duke University	NC	F30AI126693	Role of Cholesterol Efflux Blockade in Mycobacterial Infection In Vivo	\$50,016
2019	Duke University	NC	R21AI133305	AN ATLAS OF SHARED GENETIC ARCHITECTURE CONNECTING CELL BIOLOGY AND HUMAN DISEASE	\$240,625
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI134990	Mentoring in Translational Malaria Genomics	\$174,464
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI133236	Natural killer cell cytotoxicity against intracellular bacteria	\$425,744
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138056	Defining Functional RNA Structures in an Arthritic Alphavirus Genome	\$192,793
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R61AI136002	Innovative 3D Printed Intravaginal Rings: Reengineering Multipurpose Intravaginal Rings for Prevention of HIV, STIs and Unintended Pregnancy	\$455,784
2019	Duke University	NC	R25AI140495	Quantitative Methods for HIV/AIDS Research	\$307,056
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139512	The role of Interferon lambda signaling in flavivirus transmission and pathogenesis at the maternal-fetal interface	\$388,750
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI141631	The role of AIM2 in T cell-mediated autoimmunity	\$388,750
2019	ARREVUS INC	NC	R41AI142726	Use of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating antibiotic resistant pneumonia	\$294,501
2019	Duke University	NC	R01AI130236	Macrophage Reprogramming During Granuloma Formation in the Zebrafish	\$427,101
2019	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R01AI123327	Oviposition attractants for sand fly control	\$369,891
2019	Duke University	NC	R01AI143409	Making an early diagnosis of talaromycosis - an approach to reduce morbidity and mortality in advanced HIV disease in Southeast Asia	\$580,875
2019	Duke University	NC	R21AI147992	Humoral immune correlates of protection against congenital CMV and HSV transmission in HIV-infected women	\$255,813
2019	Duke University	NC	R01AI128832	Immunity to novel T/F SHIVs: variability in the co-evolution of virus and host immunity	\$1,303,208

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2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$380,000
2019	Duke University	NC	R21AI146520	SALMONELLA HIJACKING OF STAT3 AND CONSEQUENCES FOR DISEASE	\$234,311
2019	Duke University	NC	R01AI145929	Role of IRGM proteins in immunity to enteric bacteria	\$320,587
2019	Duke University	NC	R56AI147859	Immunogen Design Strategies To Direct Hiv-1 Broadly Neutralizing Antibody Maturation By Probability-Based Targeting Of Critical Mutations	\$796,260
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI143237	The Role of Dengue Virus Antibodies in Vector-independent transmission of Zika Virus	\$32,951
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143638	Global regulation in Clostridium difficile via phase variation of cyclic diguanylate signaling	\$508,480
2019	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$176,807
2019	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,694,129
2019	DUKE UNIVERSITY MEDICAL CENTER	NC	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$397,500
2019	Duke University	NC	R01AI093257	Evolution of Cryptococcus neoformans Strains from Patients with HIV/AIDS	\$350,948
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$573,183
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI141744	The Development of Norovirus Immunity in Early Childhood and Implications for Norovirus Vaccines	\$169,518
2019	Duke University	NC	R01AI118182	Supramolecular nanofiber vaccines	\$595,675
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127845	Natural history, immunity, and transmission patterns of sapovirus in a Nicaraguan birth cohort	\$774,235
2019	Duke University	NC	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$394,626
2019	Duke University	NC	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	\$1,423,324
2019	Duke University	NC	R21AI130406	Anti-Malarial Drug Target Discovery using Energetics-Based Proteomics Methods	\$190,225
2019	Duke University	NC	U01AI133604	Mitigators of Radiation-Induced Endovascular Injury: Targeting Tie2 and Thrombocytopenia	\$550,008
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131685	Murine Model of Human Hepatitis A	\$388,750
2019	Duke University	NC	P01AI110485	Integrase Defective Lentiviral Vector (IDLV)-ENV Immunogen Strategy for an HIV Vaccine	\$1,526,960
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125198	PRECLINICAL ASSAYS TO PREDICT TETRAVALENT DENGUE VACCINE EFFICACY	\$1,080,094
2019	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$2,101,177
2019	Duke University	NC	U19AI131471	The Risks and Opportunities of Homeostatic Repopulation	\$2,434,258
2019	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$539,386

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI143172	Identifying the Distribution, Origin, and Threat of Plasmodium vivax in the DRC	\$37,075
2019	ARREVUS INC	NC	R42AI136065	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant bacteremia	\$738,606
2019	Duke University	NC	R21AI136556	Antibody and viral determinants of protection against CMV infection following gB/MF59 vaccination	\$197,407
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135970	Timely monitoring and response to HIV transmission networks for intensified prevention	\$760,585
2019	Duke University	NC	K23AI135090	Nasopharyngeal Microbiome and Risk of Bacterial Pathogen Colonization in Infants	\$184,181
2019	Duke University	NC	R01AI139032	Non-Invasive Diagnosis of Pediatric Pulmonary Invasive Mold Infections	\$798,798
2019	Duke University	NC	R38AI140297	Duke Resident Physician-Scientist Program- NIAID	\$355,808
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F30AI129321	Mechanisms of Viral Resistance Mediated by MAP3K7 and CHD1 in Prostate Cancer	\$50,016
2019	Duke University	NC	R03AI142341	A comparative genomic analysis of Clostridium immunis	\$80,250
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI143471	Mentoring Multidisciplinary Global HIV Patient-Oriented Research	\$155,754
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI136920	Complement and efferocytosis in clearing pyroptotic cells	\$455,471
2019	Duke University	NC	F32AI145180	Interferon stimulated genes that regulate viral infection by binding to modified RNAs	\$61,226
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI143910	Bacterial Characteristics of Community-associated Carbapenem-Resistant Enterobacteriaceae	\$418,165
2019	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI146653	Rapid Transient Depletion of Pre-existing Antibodies for rAAV Gene Delivery	\$233,250
2019	Duke University	NC	U01AI146356	Epigenome Editing Technologies for Treating Diverse Disease	\$400,411
2019	Duke University	NC	R01AI146849	Once bitten: A longitudinal, observational study of successful malaria parasite transmission events between humans and mosquitos	\$623,642
2019	Duke University	NC	F30AI140497	Protective role of dectin-1 signaling in an animal model of Multiple Sclerosis	\$36,847
2019	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI137741	Effectiveness of R848 conjugated IPR8 as a vaccine for the elderly	\$232,500
2019	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$700,558
2019	REDBUD LABS INC	NC	R43AI145580	Point-of-care HIV viral load system using RPA and MXR	\$298,450
2019	Duke University	NC	P01AI129859	Immunologic and virologic determinants of congenital Cytomegalovirus transmission and disease in rhesus monkeys	\$2,863,852

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2019	MUCOMMUNE, LLC	NC	R44AI141054	Development of RespiraClear for targeted mucosal treatment of RSV infections	\$224,961
2019	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI137886	A novel model of sudden-onset fatal/near fatal allergic asthma using fungal and bacterial co-exposure	\$435,000
2019	UNIVERSITY OF NORTH DAKOTA	ND	R01AI138203	Long noncoding RNAs interact with miRNAs to regulate inflammatory response	\$347,500
2019	UNIVERSITY OF NORTH DAKOTA	ND	R21AI136472	Efferocytosis and neutrophil homeostasis in pneumonic sepsis	\$173,750
2019	UNIVERSITY OF NORTH DAKOTA	ND	R03AI142011	EPIGENETIC REGULATION OF THE ESTABLISHMENT OF AN SV40 INFECTION	\$69,500
2019	UNIVERSITY OF NORTH DAKOTA	ND	R01AI121804	Molecular mechanism of Mincle mediated NET formation:Implications for pneumonic sepsis	\$507,350
2019	NORTH DAKOTA STATE UNIVERSITY	ND	R21AI137963	A Porcine Model for Torque Teno Virus Infections	\$181,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI119090	Nanomedicine Development for Systemic Lupus Erythematosus	\$376,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$378,310
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125588	The role of arginine catabolic pathways in modulating staphylococcal fitness	\$376,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI124965	The Lymphoid Tissue Pharmacology of Antiretroviral Drugs	\$737,007
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R03AI130174	Receptor-mediated steps in enterovirus infection involve allostery	\$81,864
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI140026	Modeling chikungunya virus infection in a vascularized bone model	\$190,625
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI137900	Leveraging insights into the Plasmodium falciparum ubiquitin-proteasome system and the unfolded protein response to combat artemisinin resistance through synergistic combinations	\$190,625
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125589	The molecular control of bacterial programmed cell death	\$376,250
2019	CREIGHTON UNIVERSITY	NE	R01AI136877	LincRNAs in Mucosal Defense to AIDS Opportunistic Pathogen Cryptosporidium	\$363,750
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI139963	Dissecting the metabolic determinants of micro-niche development within Staphylococcus aureus biofilm	\$228,750
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI143394	Development of humanized transgenic mice for HBV/HIV co-infection studies	\$451,591
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$2,358,655
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105147	Database designed novel anti-MRSA peptides	\$376,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI130841	Uncovering pathogenic anti-bacterial defense mechanisms to identify novel targets for prevention of T1D	\$595,157
2019	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI114653	Mechanism of the Antiviral Activity of BAF Against Poxvirus and HSV-1 Infection	\$368,286

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2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI121050	EP67-Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV	\$376,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI141933	Development of Tools for Conditional Knockouts in Chlamydia	\$228,750
2019	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI125207	Comparative Virology Research Training Program	\$170,789
2019	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI142281	TCR Transgenic Models for Dilated Cardiomyopathy	\$219,708
2019	CREIGHTON UNIVERSITY	NE	R21AI146613	DCAF1(VprBP) regulates FoxO1 to promote Rag transcription	\$218,250
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI145542	Prodrug Formulations Create Sustained Release Antiretrovirals	\$747,921
2019	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI143405	Impact of the gut microbiome on HIV-1 rectal transmission and immunopathogenesis during ART	\$227,767
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI150274	CMV responses in autoantibody positive subjects advocate antiviral treatments for prevention of T1D	\$724,605
2019	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$407,626
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI129745	Limiting HIV establishment and maintenace by preserving intestinal immunity	\$829,776
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125137	Host-Directed Immunotherapy: A "One Health" Approach	\$342,748
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	K23AI134307	Clinical Pharmacology of Efavirenz Combined with High Dose Rifapentine	\$164,763
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI128527	SOCS1 regulations of influenza infection	\$228,750
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$598,659
2019	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI137161	T-cell-Alveolar Macrophage Crosstalk during Influenza and Streptococcus Pneumoniae Co-infection	\$418,779
2019	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$457,266
2019	DARTMOUTH COLLEGE	NH	R21AI137118	Genetic models for latent Toxoplasma gondii infection	\$243,000
2019	STEALTH BIOLOGICS LLC	NH	R41AI142940	Improving HSV-2 vaccine efficacy by focusing antibody epitope coverage.	\$284,815
2019	DARTMOUTH COLLEGE	NH	R01AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$405,000
2019	DARTMOUTH COLLEGE	NH	R01AI130128	Evolution of Aspergillus fumigatus virulence	\$454,942
2019	DARTMOUTH COLLEGE	NH	R01AI146121	Environmental Oxygen Transitions and Aspergillosis Disease Progression	\$520,089
2019	DARTMOUTH COLLEGE	NH	F31AI133956	Molecular analysis of variable drug resistance in Candida lusitaniae isolates	\$45,016
2019	DARTMOUTH COLLEGE	NH	F31AI145106	Targeting vulnerable Dengue epitopes: Characterization of broadly neutralizing antibodies and engineering novel epitope-focusing immunogens	\$45,016
2019	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$241,235
2019	DARTMOUTH COLLEGE	NH	R21AI140740	Structural regulation and response to bile salt induced stress of the Vibrio cholerae virulence factor ToxR and its binding partner ToxS	\$246,000

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2019	DARTMOUTH COLLEGE	NH	R21AI147714	Monoclonal antibody therapy for neonatal HSV infections	\$246,000
2019	DARTMOUTH COLLEGE	NH	R01AI122854	Host microRNA control of gammaherpesvirus latency	\$405,000
2019	IMMUNEXT INC	NH	R44AI129182	Targeting the checkpoint regulator VISTA for treatment of inflammatory disease	\$1,004,563
2019	DARTMOUTH COLLEGE	NH	R01AI131975	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	\$647,344
2019	DARTMOUTH COLLEGE	NH	R21AI131630	Novel virulence function in Toxoplasma chronic infection	\$243,000
2019	DARTMOUTH COLLEGE	NH	F31AI138354	Fungal Collagen-Like Proteins Mediate Oxygen Acquisition and Virulence	\$45,016
2019	CELDARA MEDICAL LLC	NH	R44AI136273	Development of CM-SV1, a monoclonal antibody treatment for Sudan Virus	\$295,147
2019	DARTMOUTH COLLEGE	NH	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$369,069
2019	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$542,726
2019	DARTMOUTH COLLEGE	NH	R01AI127548	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	\$403,264
2019	CELDARA MEDICAL LLC	NH	R43AI148004	Antimicrobial peptides to combat MDR ESKAPE pathogens	\$298,691
2019	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$426,178
2019	DARTMOUTH COLLEGE	NH	R01AI123372	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	\$547,683
2019	IMMUNEXT INC	NH	R44AI138725	Targeting leukocyte metabolism to treat human autoimmune disease	\$996,128
2019	CELDARA MEDICAL LLC	NH	R43AI142911	A novel antibody therapy for Sin Nombre virus infection	\$299,998
2019	DARTMOUTH COLLEGE	NH	R21AI140878	Overcoming Emerging Aspergillus fumigatus Azole Resistance Via Protease Inhibition	\$245,500
2019	DARTMOUTH COLLEGE	NH	R21AI137656	Mechanisms of Phagocyte Interactions with Pseudomonas Mediated by Polyanions	\$246,000
2019	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homeostasis and infection	\$594,606
2019	DARTMOUTH COLLEGE	NH	R03AI135358	Inducing effective phagocytic clearance of non-motile bacteria	\$82,000
2019	UNIVERSITY OF NEW HAMPSHIRE	NH	R03AI135553	Role of GL12 in B cell biology	\$75,250
2019	DARTMOUTH COLLEGE	NH	R21AI146514	Direct ligand-based control of C. albicans zinc cluster transcription factors	\$246,000
2019	DARTMOUTH COLLEGE	NH	R01AI139133	Fungal spore sensing by MDA5 is necessary for antifungal immunity against Aspergillus fumigatus	\$536,537
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$838,267
2019	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$473,320

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2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI134040	Induction of effector lymphocyte lethargy by helminth coinfection	\$587,042
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132576	Regulation of Th2 differentiation by skin-resident dendritic cells	\$397,500
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI130197	The adaptor protein Crk in immune responses	\$986,895
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI138986	Novel bi-specific immunoprophylactics against multi-drug resistant Gram-negative bacterial infections	\$2,126,197
2019	PRINCETON UNIVERSITY	NJ	R21AI142520	An experimental system designed to identify human cytomegalovirus-induced alterations in tumor cells and test their dependence on continued viral gene expression	\$202,500
2019	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI141635	Assay development and screening for inhibitors targeting Shiga toxin 2	\$526,594
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI141368	Mechanisms of vaccine protection against AIDS-associated Cryptococcus infection	\$749,562
2019	HACKENSACK MEDICAL CENTER	NJ	U19AI142731	Center to develop innovative therapeutics to multidrug resistant high-threat bacterial agents	\$6,880,060
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131617	TB detection in children using a novel stool-based GeneXpert assay	\$528,819
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$366,946
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI125185	Program in Infection, Immunity and Inflammation	\$131,508
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132374	Combatting natural resistance and persistence in non-TB mycobacterial disease	\$0
2019	NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	R03AI138133	Remote identification of mosquito species related to infectious diseases using a dual-wavelength polarization sensitive lidar	\$71,982
2019	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI139100	Mechanisms of cellular respiration-dependent cell lysis and its impact on biofilm formation and disassembly in Staphylococcus aureus.	\$376,775
2019	ROWAN UNIVERSITY	NJ	R01AI128202	Antimicrobial mechanisms of Specialized Proresolving Mediators	\$402,500
2019	BIOINCEPT, LLC	NJ	R44AI138865	Development of a novel therapy for mitigation of the irradiation-inducedgastrointestinal syndrome	\$207,237
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114647	Regulation of antifungal immunity by monocyte-derived dendritic cells	\$362,012
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI144257	Relationship between the iron response and the pathogenic potential of M. tuberculosis	\$79,500
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI124499	The Candida albicans acetylome in fungal virulence	\$397,500
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	\$319,523
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI132374	Combatting natural resistance and persistence in non-TB mycobacterial disease	\$900,218
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI136948	Role of IFN ϵ in immune modulation and HIV infection	\$804,864

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2019	PROKARYOTICS INC.	NJ	R44AI138688	Development of a novel agent to treat antimicrobial resistant Neisseria gonorrhoeae	\$952,958
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI138505	Characterization of a novel ILC-like population of adipose-resident cells	\$238,500
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131634	Protective and pathologic functions of macrophages induced by helminths	\$519,201
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI140167	GrgA:a Multifunctional Transcription Factor that Control Chlamydial Gene Expression	\$198,160
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI141183	Novel bi-specific immunotherapeutic against high-threat Gram-negative pathogens	\$1,362,765
2019	CHROMOCELL CORPORATION	NJ	R43AI142983	The use of selective NaV1.7 inhibitors to treat inflammation post-surgery	\$224,551
2019	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$418,810
2019	HACKENSACK MEDICAL CENTER	NJ	R21AI145396	Using Collaborative Cross mice to develop a novel model of Mycobacterium abscesses lung infection	\$265,650
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI137425	Interactions of tick-borne pathogens, Borrelia burgdorferi and Babesia microti with the mammalian host using rodent model of co-infections	\$383,280
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI148695	Innate Immune Mechanisms at the Maternal-Fetal Interface in Normal and Superovulatory Pregnancy	\$778,471
2019	PRINCETON UNIVERSITY	NJ	R01AI130293	Examining fluoroquinolone-induced DNA damage in persisters and its contributions to antibiotic resistance.	\$399,792
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135250	Unraveling colistin resistance in Klebsiella pneumoniae	\$0
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI139589	Molecular triggers of persistent Mycobacterium abscessus infections	\$198,750
2019	ADVANCED BIODEVICES LLC	NJ	R44AI132040	Improved cleaning technology for reducing risk of transmitting infection in endoscopy.	\$999,998
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI137080	Urine Colorimetry for Tuberculosis Pharmacokinetics Evaluation in Children and Adults	\$793,866
2019	PURINE PHARMACEUTICALS INC.	NJ	R41AI141279	A2A receptor blockade for sepsis	\$223,820
2019	PRINCETON UNIVERSITY	NJ	R21AI146223	Quantitative Imaging and Analysis of Bacterial Biofilms from the Single Cell to the Collective	\$202,500
2019	PRINCETON UNIVERSITY	NJ	F31AI147637	Dynamic organelle membrane contacts as key regulators of virus replication	\$45,016
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI143892	Intraepithelial lymphocyte regulation of epithelial cell shedding	\$232,812
2019	PROKARYOTICS INC.	NJ	R44AI145409	Development of WecA-targeting immune potentiators to treat carbapenem-resistant Enterobacteriaceae (CRE) infections	\$295,541
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI141805	A dual-beta-lactam strategy for treating multidrug resistant M abscessus	\$890,074
2019	PRINCETON UNIVERSITY	NJ	R01AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$398,800

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2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,665,571
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI122757	Contribution of Innate-like Tregs for Preventing Tissue Inflammation	\$477,000
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$669,083
2019	PROKARYOTICS INC.	NJ	R44AI136213	Restoring Beta-lactam efficacy against methicillin-resistant Staphylococci	\$1,000,000
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI137320	Exploring an Incipient Tuberculosis Spectrum Through Highly-Sensitive MTB DNA Detection	\$162,000
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$1,016,803
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123224	Innate Immune regulation of helminth-induced inflammation	\$397,500
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI118874	Development of New Antibiotics Against Multidrug-Resistant Staphylococcus aureus	\$391,311
2019	HACKENSACK MEDICAL CENTER	NJ	R21AI135250	Unraveling colistin resistance in Klebsiella pneumoniae	\$257,107
2019	PRINCETON UNIVERSITY	NJ	F31AI145218	Using optogenetics to dissect the role of signaling complex formation and organization in T-Cell activation	\$45,016
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI146820	Detecting heteroresistant M. tuberculosis infections using SuperSelective PCR	\$234,125
2019	PRINCETON UNIVERSITY	NJ	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$528,419
2019	HACKENSACK MEDICAL CENTER	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$710,571
2019	PRINCETON UNIVERSITY	NJ	DP1AI124669	Mechano-microbiology: how physical forces control bacterial-host interactions	\$810,000
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI127844	The Warburg effect and host immune response in tuberculosis	\$686,411
2019	PRINCETON UNIVERSITY	NJ	F30AI140697	Elucidating repair processes central to fluoroquinolone persistence in growth-inhibited populations	\$50,016
2019	ANALYTICAL DIAGNOSTICS SOLUTIONS, INC	NJ	R44AI129057	A user-friendly point-of-care device for G6PDH determination	\$873,090
2019	Novaflux Inc.	NJ	R43AI142893	Optimal channel and lever sampling of duodenoscopes for culture using portable Two-Phase Flow technology	\$300,000
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI126788	Novel Biomarkers to Shorten TB Treatment	\$709,366
2019	SIGNUM BIOSCIENCES INC	NJ	R44AI132065	A Topical Non-steroidal Anti-inflammatory for Atopic Dermatitis	\$778,244
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI133633	Development of inhibitors of P. falciparum cGMP dependent protein kinase (PfPKG) for malaria chemoprevention	\$694,721
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123315	The role of inositol in Cryptococcus biology and pathogenesis	\$534,377

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2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI125452	Molecular Mechanisms of Rgg Receptor Regulation by Pheromones and Inhibitors	\$474,154
2019	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI127980	Role of A1 subunit in toxicity of Shiga toxins and inhibition of its activity	\$237,267
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135461	Genome-scale tracking of Mycobacterium tuberculosis VapC toxins	\$207,514
2019	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI134656	Regulation of T. brucei infection by RNA binding proteins	\$238,500
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI116894	Nano and Microscale Molecular Machines for Innate Immune Sensing of Candida	\$358,138
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI131964	Prevention of HIV-induced T cell killing by autophagy	\$189,375
2019	VisionQuest Biomedical Inc	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$412,048
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI145324	Vaccine-mediated control of bacterial virulence regulation and infection	\$403,675
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI142200	Leptin Promotes Allergic Asthma through Unfolded Protein Responses	\$189,375
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI139628	MyD88-independent resistance to Toxoplasma in the intestine	\$376,394
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R03AI137633	A mouse model of Mycobacterium abscessus lung infection that mimics human disease	\$75,750
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI132953	Genomic basis of anti-schistosome resistance in snails	\$235,870
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI141089	A High-Throughput Chemical Screen to Identify Inhibitors of the Fungal Azole Transporter Cdr1p	\$273,077
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$1,046,613
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI130473	Defining the Inflammation and Immunity Transcriptome in Severe Malarial Anemia for Immunotherapeutic Discovery	\$716,070
2019	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$589,437
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI101438	Snail-Related Studies of Transmission & Control of Schistosomiasis in Kenya	\$360,184
2019	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$493,666
2019	UNIVERSITY OF NEVADA-RENO	NV	R21AI139400	Modulating the pathogenic potential of the group A Streptococcus	\$214,271
2019	DXDISCOVERY INC	NV	R43AI140817	Immunoassay for early diagnosis of mucormycosis	\$297,133
2019	UNIVERSITY OF NEVADA-RENO	NV	R01AI123011	Changes in viral and cellular gene expression mediated by KSHV PAN lncRNA	\$356,575
2019	UNIVERSITY OF NEVADA-RENO	NV	R21AI139778	New molecular targets for pest management in the cuticle of the Lyme disease vector, Ixodes scapularis	\$222,568
2019	UNIVERSITY OF NEVADA-RENO	NV	R01AI122266	Prenatal, Intrapartum and Infant Antibiotic Use and Atopic Diseases in Childhood	\$711,508

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R01AI109139	Prophylaxis of Clostridium difficile infection	\$639,084
2019	UNIVERSITY OF NEVADA-RENO	NV	R21AI128393	Development of transgenic protocols for the Lyme disease vector, Ixodes scapularis, for tick and tick-borne disease control	\$217,008
2019	FIBROPLATE INC	NV	R43AI142964	A multivalent, easy-to-use product to mitigate and treat radiation exposure	\$180,536
2019	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$479,488
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI122721	Function of Regulatory T Cells in Tissue Repair	\$25,836
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$426,266
2019	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,445,038
2019	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$551,494
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$423,750
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI138363	Host Genetic Control of ZIKV Infection	\$45,016
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI136239	Elucidating the function of IRF8 during antiviral natural killer cell responses	\$50,016
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$691,610
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$734,343
2019	SUNY, STONY BROOK	NY	R01AI129010	Defining ANDV Virulence and Attenuation Mechanisms	\$641,942
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI122264	Adaptive-Innate Immune Crosstalk in TGF-B Control of Peripheral T Cell Tolerance	\$524,247
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI114545	Differentiation and Ontogeny of IgM Memory Cells during Bacterial Infection	\$405,000
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$417,500
2019	CORNELL UNIVERSITY	NY	R01AI120701	Itk mediated tuning of CD8+ memory T cell development	\$381,468
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$719,958
2019	COLD SPRING HARBOR LABORATORY	NY	R13AI129217	2018 CSHL Retroviruses Conference	\$35,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$191,015
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI142428	In vivo development and reactivity of human autoreactive T cells	\$405,000
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$423,750
2019	ROCKEFELLER UNIVERSITY	NY	U01AI129825	3BNC117 and 10-1074 to suppress HIV-1 replication and reduce the reservoir	\$791,861

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2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110703	Quantifying Environmental Variables Affecting Airborne Influenza Transmission	\$394,281
2019	CUNY, RESEARCH FOUNDATION	NY	UG3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$265,200
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI1131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	\$423,750
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI129854	Effect of pregnancy and HIV on the development of tuberculosis	\$192,780
2019	HEALTH RESEARCH, INC.	NY	R01AI125190	Development of a Preclinical Assay to Predict Efficacy of Ricin Toxin Subunit Vaccines	\$519,830
2019	ROCKEFELLER UNIVERSITY	NY	R01AI127564	Genome-wide search for inborn errors of IL-17 immunity underlying chronic mucocutaneous candidiasis	\$423,750
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI118833	Nasal biomarkers of asthma	\$665,560
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI125462	Engineered, multispecific antibodies as broad anti-filovirus therapeutics	\$730,859
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI128949	Human anti-viral immune responses in tissues and circulation	\$2,417,900
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI123342	Innate B cell immunity and antibody-mediated rejection of human kidney allografts	\$441,645
2019	HEALTH RESEARCH, INC.	NY	R21AI138344	The role of DNA forms of the RNA genome in Zika virus replication	\$194,703
2019	HEALTH RESEARCH, INC.	NY	R21AI140406	Neutralizing nanobodies as therapeutics for Dengue virus	\$210,726
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI136405	Mechanisms Governing Expression of AP2-G, the Master Regulator of Sexual Differentiation in Malaria Parasites	\$45,016
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI136053	Immune Basis & Clinical implications of Threshold-Based Phenotypes of Peanut Allergy	\$1,626,189
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI138807	PRovide Options for Treatment of Exposed Children against Tuberculosis (PROTECT) Study	\$164,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI135099	Harnessing the effects of Ror gamma t cells on epidermal stem cells and commensal microbes to promote efficient wound repair	\$106,054
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI138939	Mycobacterial Phosphopantetheine Hydrolase: Potential for Salvage of Coenzyme A	\$211,875
2019	ROCKEFELLER UNIVERSITY	NY	P01AI138938	Human monoclonal antibodies for prophylaxis and therapy against the new coronavirus	\$1,347,756
2019	CORNELL UNIVERSITY	NY	R25AI140481	Cornell program to increase faculty diversity and promote research excellence	\$244,301

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2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121436	Roles of DDX5 and its associated long non-coding RNAs in RORgt-mediated host immune system functions	\$536,329
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074878	Innate immunity and inflammation following helminth infection	\$423,750
2019	SUNY, STONY BROOK	NY	R01AI141592	Optimizing the immune response by targeting the Sts enzymes	\$630,428
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI134632	Immunology and Microbial Pathogenesis Research Training Program	\$145,252
2019	LONG ISLAND UNIVERSITY BROOKLYN CENTER	NY	R21AI142170	Targeting Intestinal Stem Cells to Augment the Repair of Epithelial Barrier	\$193,875
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI143842	Defining a novel mechanism of mucosal healing	\$508,363
2019	Global Alliance for TB Drug Development	NY	U19AI142735	Modulation of Protein production and Degradation as an integrated approach to rapid sterilization of Drug sensitive and resistant Mtb.	\$5,485,460
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI145024	Novel Biologics Designed to Mobilize HIV-specific CTL for Sustained HIV Remission	\$829,213
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$538,800
2019	CORNELL UNIVERSITY	NY	R21AI142382	The role of gut homing receptors in congenital CMV brain infections	\$227,711
2019	SUNY, STONY BROOK	NY	R01AI127704	Investigation on Replicative aging in Cryptococcus neoformans populations	\$618,335
2019	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$473,520
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI146153	Role of Translesional Polymerases in Genome Diversification of the Malaria Parasite	\$599,534
2019	UNIVERSITY OF ROCHESTER	NY	R21AI147503	Proteomics Mapping of CD28 Costimulation	\$192,500
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141434	Decay Accelerating Factor and B cell Immunity	\$423,750
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI141367	Plasmodium phospholipase A2s as potential novel drug targets	\$250,500
2019	ROCKEFELLER UNIVERSITY	NY	F31AI147458	Role of germinal center B cell receptor signaling in positive selection and affinity maturation.	\$45,016
2019	CORNELL UNIVERSITY	NY	R01AI141514	Salmonella Typhi: Enhancement of Endemic Potential through its Unique Virulence Factors	\$581,385
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$21,890
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI146329	Characteristics and protective efficacy of human antibodies against M. tuberculosis	\$788,818
2019	CORNELL UNIVERSITY	NY	R01AI132708	The Notch Signaling Pathway Regulates Basophil Responses During Helminth Infection	\$64,032
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI139986	Probing the physiological function of oxo-eicosanoid signaling by intravital imaging in a zebrafish infection model	\$265,350

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2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI141343	Defining the role of pseudouridine modifications in HIV biology	\$679,159
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI147028	Gut Microbiome Dynamics in Peanut Allergy	\$821,533
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI150300	Type I Interferon Dysregulation in Down Syndrome	\$3,207,900
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$2,136,538
2019	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	\$500,008
2019	UNIVERSITY OF ROCHESTER	NY	K23AI108355	Quantitative Pharmacology for Accelerating Drug Development for HIV/HCV Co-Infected Patients	\$139,410
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$183,687
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$167,094
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,790,702
2019	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$661,980
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134367	Mechanisms Underlying the HIV-HSV-2 Syndemic	\$639,571
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134824	Host-virus interactions in the control of filovirus entry	\$500,091
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI101256	Structural and Biochemical Studies of Jak2	\$423,750
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U24AI118644	Novel tools to maximize profiling of tissue and antigen specific immune dysregulation in allergy and inflammatory bowel disease	\$399,725
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$778,075
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI129244	Development of Pharmacologically Optimized Inhibitors of M. tuberculosis MbtA as Novel Antibiotics	\$45,016
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI120806	Purinergic signaling in HIV-1 infection and inflammation	\$189,211
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI124413	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	\$516,583
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	\$667,954
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	\$419,267
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113221	Modulating Immunity to Nucleic Acids and Inducing Tolerance by Gene Transfer	\$421,004
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$439,750
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	\$715,297
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	\$623,655
2019	HEALTH RESEARCH, INC.	NY	R01AI132422	Alternative ribosomes and antibiotic tolerance in mycobacteria.	\$403,825

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$289,805
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123155	The biology of the nuclear export protein in influenza A virus replication	\$542,825
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI134100	Engineered circular RNAs: A novel platform for genetically encoded RNA-based biosensors and their application as real-time viral infection reporters	\$45,016
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI119304	Chemical intervention of influenza virus RNA nuclear export	\$500,998
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	\$473,599
2019	ROCKEFELLER UNIVERSITY	NY	R01AI129795	Optimization of Fc effector activity of anti-HIV antibodies to target HIV reservoir	\$847,498
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120998	HIV restriction by APOBEC3A	\$466,130
2019	UNIVERSITY OF ROCHESTER	NY	R01AI126005	Novel effector protein functions encoded by T3SS positive V. cholerae	\$510,588
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI130547	Altered CD4+ T cell function in relation to the AHI1 MS locus	\$405,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI123517	Atopy, Leptin and Potential Biomarkers of Comorbid Obesity and Asthma in Inner-City Schoolchildren	\$247,943
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	\$630,183
2019	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$6,500,130
2019	Trustees Of Columbia University In The City Of New York	NY	U54AI138370	Center for Solutions for ME/CFS	\$2,543,027
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132256	A "Trojan Horse" bispecific antibody strategy for broad filovirus therapeutics	\$1,124,111
2019	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI132580	A new paradigm of respiration in the human gut Bacteroides	\$601,794
2019	SUNY, STONY BROOK	NY	R21AI133381	Role of Sts-1 and -2 in the host response to bacterial pathogens	\$232,781
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI116939	Carbapenem-resistant bacterial colonization and infection after liver transplant	\$399,129
2019	CORNELL UNIVERSITY	NY	R03AI135767	Neutralizing Antibodies to Typhoid Toxin	\$78,965
2019	CORNELL UNIVERSITY	NY	F32AI138476	Dynamics of Gene Drives in Natural Populations	\$61,174
2019	BIOSCIENCE DEVELOPMENT INC	NY	R44AI114009	Development of Molecular Diagnostic Test for Early Onset of Lyme disease	\$1,000,000
2019	INGENIOUS TARGETING LABORATORY INC	NY	R43AI136141	A Novel Small Animal Model as a Source of Therapy-Bound Single-Chain Antibody Products	\$257,655
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI130618	Modeling herpes simplex virus latency in human neurons	\$254,250

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI141088	Humoral immunity against the M. tuberculosis kasB persistent mutant	\$208,750
2019	CORNELL UNIVERSITY	NY	R01AI137345	Cracking Salmonella Typhis Secret Code: Understanding Pathogenic Mechanisms of Salmonella Typhi Toxin	\$538,584
2019	CORNELL UNIVERSITY	NY	R21AI135373	Development of a subunit vaccine for MERS-CoV and other emerging coronaviruses	\$235,500
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI132739	The role of Mucosal-associated invariant T (MAIT) cells during the innate immune response to Mycobacterium tuberculosis	\$184,264
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI136795	Predictive Models for Small-Molecule Accumulation in Gram-Negative Bacteria	\$1,212,566
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$510,760
2019	EXCELSIOR BIOFILMS LLC	NY	R43AI136134	Incorporation of a biofilm dispersion autoinducer into an antimicrobial ointment for the treatment of topical wounds	\$55,000
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R34AI141304	Treatment of SLE with sirolimus	\$243,000
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI139955	Identification of new regulators of autophagy in T cells	\$0
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI143840	A host-dependent mechanism controlling influenza virus infection by suppressing viral RNA synthesis	\$423,750
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI138446	Rip1 controlled stress resistance and virulence in Mycobacterium tuberculosis	\$463,302
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI140196	Interplay between flaviviruses and lipids	\$261,307
2019	UNIVERSITY OF ROCHESTER	NY	F32AI140561	Elucidating the role AMPK plays in Human Cytomegalovirus infection	\$0
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI144808	Non-redundant functions of type 3 innate lymphoid cells in mucosal immunity	\$483,037
2019	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	\$131,886
2019	UNIVERSITY OF ROCHESTER	NY	R03AI139831	A Novel Mycobacterial Peptidoglycan-Protein Ligase	\$77,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI146957	Investigation of commensal bacteria-produced metabolites with activity towards mycobiota.	\$254,250
2019	HEALTH RESEARCH, INC.	NY	R21AI141178	Discovery of therapeutics against Cryptococcosis by Repurposing Pharmaceutical Libraries	\$233,323
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI145989	Interleukin-2 regulation of mucosal inflammation	\$543,366
2019	ROCKEFELLER UNIVERSITY	NY	R21AI144827	Discovery of genetic elements regulating intraepithelial lymphocytes	\$254,250
2019	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$240,326
2019	SUNY, STONY BROOK	NY	R01AI141513	Cell Envelope Biogenesis in Mycobacterium tuberculosis	\$358,875

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2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI135063	Mechanisms of polarization of monocytes by DAMPs/PAMPs and C1q	\$411,891
2019	CORNELL UNIVERSITY	NY	R01AI139625	Typhoid Vaccines Targeting Both Salmonella Typhi and Its Secreted Virulence Factor	\$392,500
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI136401	Secreted effectors of Toxoplasma gondii bradyzoites	\$33,090
2019	ROCKEFELLER UNIVERSITY	NY	K99AI141742	Elucidating the mechanisms of intrinsic stem cell resistance to virus infection	\$140,244
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI142213	Microbiota-dependent regulation of the gut-brain axis	\$254,250
2019	Chancellor, Masters and Scholars of the University of C	NY	R21AI147172	The regulatory functions of mini viral RNAs in influenza virus infections	\$118,498
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI136488	Characterizing and targeting malaria parasite purine uptake pathways to generate novel antimalarial drugs	\$45,016
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI128821	Antibody responses in humans after infection with avian influenza viruses	\$200,000
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$254,411
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$423,750
2019	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$443,446
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$421,462
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$423,750
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$370,574
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$2,650,097
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$488,027
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123449	Tropism, pathogenicity, and potential for zoonotic spillover of emergent henipa- and henipa-like viruses	\$584,782
2019	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$417,309
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$6,756,890
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI114736	Engineering protease-resistant alpha-beta peptides for broad-spectrum antivirals	\$719,193
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$651,308
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI122176	Endocytic Control of Autophagosome Formation in Lupus T cells	\$405,000
2019	SUNY, BUFFALO	NY	R01AI125119	The role of non-broadly neutralizing antibodies targeting gp41 structural epitopes in long term nonprogression of HIV infection	\$391,089

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI141816	Interdisciplinary protein engineering approach to design high affinity antibodies for flaviviruses	\$35,683
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI141816	Interdisciplinary protein engineering approach to design high affinity antibodies for flaviviruses	\$381,817
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$501,485
2019	SUNY, BUFFALO	NY	R01AI131977	Stress Responsive Reprogramming of Translating mRNA Pools in C. neoformans	\$392,662
2019	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$555,526
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI123308	A map of sphingosine 1-phosphate distribution	\$423,750
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130345	Macrophage development and specification in mice.	\$576,509
2019	HEALTH RESEARCH, INC.	NY	R21AI134080	Roles of Rv0805 in biology of M. tuberculosis	\$204,786
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$5,555,460
2019	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$192,121
2019	Trustees Of Columbia University In The City Of New York	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$3,185,930
2019	ROCKEFELLER UNIVERSITY	NY	R21AI138020	Origin and dynamics of germinal center regulatory T cells	\$254,250
2019	SUNY, STONY BROOK	NY	R01AI136934	Sphingosine-1-phosphate and cryptococcosis	\$498,277
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI132913	Stemness and the cellular response to virus infection	\$211,663
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI135972	Fluomics: The Next Generation	\$2,648,073
2019	CORNELL UNIVERSITY	NY	R21AI137858	Effective Mucosal Vaccination through Engineered Outer Membrane Vesicles	\$233,274
2019	ROCKEFELLER UNIVERSITY	NY	F31AI138409	Catching the PARPs: defining the antiviral mechanisms of ADP-ribosylation in SINV infection	\$45,016
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI132555	A Rationally Targeted Approach to Preventing GBS Infection	\$194,724
2019	UNIVERSITY OF ROCHESTER	NY	R21AI143182	Chemokine mediated lymphocyte migration	\$231,000
2019	UNIVERSITY OF ROCHESTER	NY	R01AI136538	Mucosal immunity to Toxoplasma gondii	\$459,876
2019	UNIVERSITY OF ROCHESTER	NY	R21AI139718	A Xenopus tadpole alternative model to study innate-like T cell-mediated anti-mycobacterial immunity	\$192,500
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI133231	Identifying the thymus ligand that selects a natural regulatory T cell	\$211,875
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI139733	Development of an adjuvant-free mucosal vaccine platform via sequential FcRn-mediated transepithelial Ag transport to the NALT and Fc RI-enhanced Ag processing and presentation within the NALT.	\$197,813
2019	HEALTH RESEARCH, INC.	NY	R21AI140491	Identification and characterization of allosteric inhibitors of Zika protease by targeting the NS2B conformational change	\$210,726

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139290	Harnessing Abs specific for immunogenic and conserved Env epitopes to protect against HIV	\$808,293
2019	UNIVERSITY OF ROCHESTER	NY	F32AI138414	Myeloid innate immune T-bet functions in host defense to Toxoplasma gondii	\$65,606
2019	CUNY, RESEARCH FOUNDATION	NY	R21AI139782	Genomic & Host Drivers of Borrelia Diversification	\$195,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$594,130
2019	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI140736	ST6Gal-1 Sialyltransferase in Inflammation	\$670,072
2019	ROCKEFELLER UNIVERSITY	NY	R01AI137276	Mechanisms of Antibody-Dependent Enhancement of Dengue Disease	\$423,750
2019	CORNELL UNIVERSITY	NY	R01AI142867	Impact of microbial exposure on immune development	\$465,320
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI137269	Mathematical ecology models of host-microbiota interaction in auto microbiota transplants (auto-FMT)	\$926,403
2019	SYRACUSE UNIVERSITY	NY	R21AI142424	Antifouling Urinary Catheters with Active Surface Topographies	\$224,000
2019	New York University	NY	R01AI145753	Establishing HIV-1 chromatin in resting T cells: Vpr, latency, and H2A.Z	\$396,250
2019	INGENIOUS TARGETING LABORATORY INC	NY	R43AI145597	Genetic Modification of the Rabbit for Development of Single Chain Antibodies	\$224,850
2019	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$440,000
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI124465	Mechanism of BET Proteins in Th17 Cell Differentiation	\$423,750
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123368	Immune regulation of intestinal health and disease	\$423,750
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI121349	Development of novel endosome-targeted Ebola virus entry inhibitors as antiviral agents	\$661,567
2019	SUNY, BUFFALO	NY	R21AI145836	The SOS Response as a Generator of Antibiotic Resistance and Role of Zinc as SOS Inhibitor	\$235,680
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI147141	Genetic Susceptibility of Antibody-dependent Enhancement of Flaviviruses	\$253,627
2019	SUNY, BUFFALO	NY	R01AI141557	Function and regulation of the essential RNA binding protein, DRBD18	\$426,608
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI147628	Leveraging PfCRT Structure to Discern Function and Predict Emergence of Drug-Resistant Malaria	\$682,430
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123654	Antibody therapy for pneumococcal disease	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI133977	Alternatively activated macrophages during helminth infection	\$481,577
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI117287	Broad humoral protection induced by influenza B neuraminidase-based immunogens	\$423,750
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$447,398

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2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI142639	Dissecting the role of Bruton's tyrosine kinase and ibrutinib in fungal immune surveillance	\$224,500
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R13AI147897	Treat All and beyond: addressing methods, data and capacity building challenges in the African regions of IeDEA	\$45,000
2019	Chemitope Glycopeptide LLC	NY	R43AI147741	HIV Vaccine Candidate Glycopeptide Immunogens	\$300,000
2019	SUNY, STONY BROOK	NY	R21AI140002	Role of inflammatory monocytes in persistent Salmonella infection	\$196,141
2019	ROCKEFELLER UNIVERSITY	NY	K99AI140770	Design of vaccination strategies to elicit broadly neutralizing antibodies against HIV-1	\$130,972
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI146529	Generation of a polycistronic universal influenza virus vaccine based on rare species adenoviral vectors	\$254,250
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI145645	Quantifying Effector Functions of Anti-HIV IgG1 Antibodies In Vivo.	\$963,733
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121244	Redefining the role of autophagy in bacterial disease	\$537,588
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$563,474
2019	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$226,142
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,445,862
2019	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,253,765
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$503,242
2019	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$2,434,774
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$368,303
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134824	Host-virus interactions in the control of filovirus entry	\$0
2019	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$53,185
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,100,000
2019	CORNELL UNIVERSITY	NY	R01AI118582	How does HIV lead to increased susceptibility to tuberculosis?	\$546,571
2019	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$521,746
2019	ROCKEFELLER UNIVERSITY	NY	R01AI114873	ZAP isoforms in innate immunity-the long, the short and the extra-long of it all	\$423,750
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI124606	Non-Leukocidal Roles of Staphylococcus aureus Bi-component toxins in Pathogenesis	\$33,354
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI137316	Elucidating transmission of plasmids harboring blaKPC among carbapenem-resistant Enterobacteriaceae using long-range sequencing	\$194,724
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,885,348
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	\$419,267

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2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130043	Regulation of Nfil3 in innate lymphocyte-mediated host immunity	\$541,694
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132405	Cell Death Pathways and Heart Transplant Rejection	\$593,131
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI127372	Human ISG15 and USP18 Deficiencies Underlying Type I Interferonopathies	\$423,750
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI129802	Bispecific and Trispecific Anti-Env Antibodies for Eliminating HIV Reservoir Cells	\$893,315
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI100119	Development of lung T cell responses in infant respiratory immunity	\$480,000
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	\$2,516,681
2019	UNIVERSITY OF ROCHESTER	NY	R01AI129518	Modeling Mechanisms of Adjuvanted Influenza Vaccine Induced IgG Repertoire Diversity and Heterosubtypic Immunity	\$699,202
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$5,858,923
2019	CORNELL UNIVERSITY	NY	R01AI130018	Preclinical evaluation of compounds that inhibit cholesterol uptake in M. tuberculosis.	\$456,622
2019	CORNELL UNIVERSITY	NY	R21AI129422	Itk signaling and Type 1 regulatory T cell differentiation and function in allergic airway inflammation	\$235,500
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI142337	Structure guided discovery of chemical probes for targeting Zika methyltransferase	\$254,250
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI136901	C-terminal proteolysis in the Pseudomonas aeruginosa cell envelope	\$612,333
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI133180	Targeting mycobacterial ribosomes as a new approach to tuberculosis vaccines	\$255,400
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI123730	Structural, functional, and mechanistic analysis of autoreactive CD8 T cells	\$716,287
2019	ROCKEFELLER UNIVERSITY	NY	R21AI137371	Inherited IRF9 deficiency: a novel genetic etiology of severe influenza	\$211,875
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI136916	Preventing CD4+ T memory cells from becoming HIV reservoirs	\$593,250
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139623	Myeloid Specific Targeted Nanoimmunotherapy for Organ Transplant Acceptance	\$423,750
2019	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI136367	Activating adrenergic receptors to suppress the anti-graft immune response and improve survival of composite tissue allografts	\$214,750
2019	UNIVERSITY OF ROCHESTER	NY	R01AI139058	Analysis of a novel peptidoglycan assembly pathway in mycobacteria	\$595,979
2019	UNIVERSITY OF ROCHESTER	NY	F32AI138415	Role of focal CXCL10 in shaping Th1 micro-positioning and function in inflamed skin	\$63,746
2019	TECHNOVAX INC	NY	R44AI106145	Universal VLP-Based Flu Vaccine: Broadly protective (universal) virus-like particle (VLP) based influenza vaccine that can neutralize a broad spectrum of influenza A virus subtypes.	\$734,219

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2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI142046	Developing immune reagents to increase the preclinical value of the ferret model	\$84,750
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI142110	Effective immunity against Trypanosoma cruzi infection induced by immunization	\$21,363
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI138940	Host-directed therapy of tuberculosis: Rescuing macrophages and enhancing their activation	\$625,684
2019	CORNELL UNIVERSITY	NY	R03AI144882	Cellular basis for diverse multifunction of Drosophila fat body tissue	\$78,500
2019	CORNELL UNIVERSITY	NY	R01AI143704	Cell envelope stress responses and the mechanism of antibiotic tolerance in Gram-negative pathogens	\$392,939
2019	UNIVERSITY OF ROCHESTER	NY	R21AI143494	Targeting CCR5 Frameshifting with Synthetic Molecules	\$192,500
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143861	Novel lung resident interstitial macrophage subset with distinct localization and polarization	\$547,334
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R00AI123350	The generation, migration and function of inflammatory ILC2s	\$248,996
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI144525	Adapting hepatitis C virus to infect ferrets	\$254,250
2019	COLD SPRING HARBOR LABORATORY	NY	R13AI145243	2019 CSHL Conference on Systems Immunology	\$14,000
2019	SYLVATICA BIOTECH, INC.	NY	R44AI145782	Isochoric Pressure Based Preservation of Cells, Tissues and Organs	\$428,799
2019	New York Blood Center, Inc.	NY	R21AI137790	A novel and effective nanobody to prevent and treat Zika virus infection	\$222,500
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI123129	Correlates of Vaccine-Induced, Tunable-Protection in an Outbred Tularemia Model	\$714,959
2019	UNIVERSITY OF ROCHESTER	NY	R01AI141884	Molecular mechanisms of caspofungin susceptibility in the pathogen Candida albicans	\$385,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI147163	Viral manipulation of neuronal microRNAs to maintain trophic support and HSV latency	\$266,675
2019	ROCKEFELLER UNIVERSITY	NY	R01AI140429	Molecular and Functional Dissection of Distinct mRNA Export Pathways	\$381,375
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI146817	Discovery of immunomodulatory gut microbes with MAGIC	\$198,073
2019	Ichor Biologics LLC	NY	R43AI138740	Development of broadly neutralizing antibodies to treat hantavirus infections	\$300,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI141759	Biology of Influenza Virus Transmission	\$193,652
2019	CORNELL UNIVERSITY	NY	R21AI142297	Effects of Commons Sialic Acid Modifications on Virus Binding and Infection	\$225,478
2019	ROCKEFELLER UNIVERSITY	NY	R01AI145870	Development of vaccination strategies to elicit broadly protective immunity against influenza	\$864,833
2019	OYAGEN INC	NY	R43AI134172	Preclinical Development of HIV Vif Antagonists	\$300,000
2019	CALDER BIOSCIENCES INC.	NY	R43AI140941	An adjuvant for an RSV prefusion F vaccine that safely protects infants via maternal vaccination	\$299,955

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$726,007
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI146828	Thymic negative selection in human T1D immune systems	\$238,702
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$423,750
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI146434	Strategies to enhance mucosal vaccination	\$403,440
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI147201	Leveraging experimental and computational tools to define molecular functions of non-coding RNAs in innate immune responses to viral infection	\$260,000
2019	Trustees Of Columbia University In The City Of New York	NY	R56AI146980	Small molecules to block measles spreading in the central nervous system	\$492,576
2019	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$440,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$498,383
2019	CORNELL UNIVERSITY	NY	R01AI132738	Biomaterials-based Germinal Center Niches for Understanding the B Cell Maturation and B cell receptor signaling	\$394,088
2019	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$385,000
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$423,750
2019	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$433,806
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$418,258
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$4,802,563
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$536,208
2019	ROCKEFELLER UNIVERSITY	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$505,959
2019	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$867,084
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$261,377
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$406,869
2019	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$477,936
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113186	Multi-level analysis of influenza virus polymerase and its role in pathogenesis	\$595,386
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$1,158,999

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2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$914,592
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI124275	Systems Biology of Microbiome-mediated Resilience to Antibiotic-resistant Pathogens	\$1,697,054
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI124186	RNA-directed targeting of AID in immunity and genomic integrity	\$428,500
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$815,052
2019	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	\$504,989
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI138547	Intestinal allograft tolerance in large animals	\$692,145
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$405,000
2019	CORNELL UNIVERSITY	NY	R01AI121216	Mechanisms of virus-mediated compartmentalization of the host translational machinery	\$385,793
2019	CORNELL UNIVERSITY	NY	R21AI142377	Identifying potent and broadly-neutralizing henipaviral antigens and epitopes	\$227,938
2019	UNIVERSITY OF ROCHESTER	NY	R03AI135835	Functional consequences of stable expression of the high avidity form of CD28	\$77,000
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI127771	TICK DETERMINANTS OF POWASSAN VIRUS TRANSMISSION	\$556,693
2019	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,633,686
2019	CORNELL UNIVERSITY	NY	R01AI134183	A mechanistic understanding of tuberculosis progression through bacterial reporter strains	\$695,858
2019	New York University	NY	R01AI132020	Application of a syndemic framework to HPV and HSV infection in emergent adult men	\$768,654
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130143	Regulation of Follicular T cell Responses in the Lung by Ion Channels	\$474,634
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137336	Host-pathogen interactions during hospital adaptation of MRSA	\$845,624
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	The role of SPNS2 in T cell responses	\$437,924
2019	CORNELL UNIVERSITY	NY	R21AI136097	Are HIV-1-Infected Alveolar Macrophages Productive Sites of Viral Persistence?	\$213,489
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133180	Targeting mycobacterial ribosomes as a new approach to tuberculosis vaccines	\$0
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI136553	Anti-drug Conjugates That Target Human Cytomegalovirus Infected Cells	\$204,380
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI138552	Defining Novel Cellular Correlates of Protection Against Human Malaria by CyTOF	\$0
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI137168	Characterizing the Mechanism of DPP8/9 Inhibitor-Induced Pyroptosis	\$429,250

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2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI138329	Endothelial cell transplantation for multi-organ repair to counter radiation injury	\$706,493
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI137344	Immunoregulation by indoleamine 2,3-dioxygenases in tuberculosis	\$806,468
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI128510	MAVS Aggregates Impair Cardiolipin Function and Mitochondrial Fission in SLE	\$334,193
2019	UNIVERSITY OF ROCHESTER	NY	R21AI136668	Plasma Exosomes in ART-sustained HIV-infected Persons that Abuse Tobacco	\$192,500
2019	UNIVERSITY OF ROCHESTER	NY	UH2AI132339	Integrating SWIFT tools to enhance flow data analysis, exploration and visualization in ImmPort	\$192,500
2019	SUNY, BUFFALO	NY	R01AI129649	Pharmacokinetics and Immunodynamics of Immune stimulating chemotherapeutic nanoparticles for TB	\$478,506
2019	Trustees Of Columbia University In The City Of New York	NY	R37AI050234	Defining the Role of PfCRT and PfMDR1 as Pleiotropic Mediators of Plasmodium falciparum Multidrug Resistance	\$449,100
2019	NEW YORK MEDICAL COLLEGE	NY	R21AI142523	Tafenoquine as a potential revolutionary treatment for babesiosis	\$246,000
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI137275	DETERMINING THE ROLE OF THE REPLICATIVE HELICASE IN HUMAN NK CELL DEVELOPMENT	\$402,708
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI139955	Identification of new regulators of autophagy in T cells	\$250,500
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143639	ELF1 - Molecular mechanisms of a novel transcription factor with broad antiviral activity	\$434,393
2019	HEALTH RESEARCH, INC.	NY	R21AI144474	Physiology of Mycobacterium Tuberculosis with Hibernating Ribosomes	\$251,879
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI140909	Modulating antigenic and immunogenic properties of HIV Env by altering signal sequence	\$593,718
2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U19AI144306	Heterogeneous pathways to autoantibody production: implications for prognosis and therapeutic targeting	\$541,250
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI144301	Immune Cells and Secretory Pathways Leading to Human Systemic Autoimmunity	\$550,875
2019	CORNELL UNIVERSITY	NY	K08AI141767	Comparative Animal Models of Viral Hepatitis	\$139,701
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI129273	The role of RagGTPases dependent amino acid-sensing pathway in regulatory T cell functions.	\$45,016
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI139703	outer Membrane Vesicle of Engineering Yersinia Pestis as a Novel Plague Vaccine	\$243,000
2019	SUNY, STONY BROOK	NY	R21AI146696	Investigating the role of Akkermansia muciniphila and intestinal IL-17RA signaling in autoimmune inflammation	\$196,076
2019	HEALTH RESEARCH, INC.	NY	R21AI146774	Elucidation of a novel mechanism of macrolide resistance in Mycobacterium abscessus	\$253,738
2019	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI146924	Aptamer-Enabled Modification of Bacteriophage Host Range	\$231,750
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI147152	Biological functions of beta herpesvirus encoded non-coding RNAs	\$243,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,122,810
2019	ROCKEFELLER UNIVERSITY	NY	U01AI145921	Immunologic control of HIV-1 through combination bNAbs and biologics.	\$1,678,283
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI147845	Targeted delivery of cytopathicity enhancing agents, and co-ordination with shock and kill, to reduce HIV reservoirs	\$838,922
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI123654	Antibody therapy for pneumococcal disease	\$420,644
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI145557	The Role of APOBEC3A in HIV Restriction	\$44,856
2019	UNIVERSITY OF ROCHESTER	NY	R21AI145269	Potentiating broadly protective local immunity to influenza virus	\$260,771
2019	COLD SPRING HARBOR LABORATORY	NY	R13AI145216	CSHL 2019 Microbiome Conference	\$12,500
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI143243	Development of reassortment-deficient influenza vaccine candidates: Rewiring packaging signals	\$44,856
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI137613	Role of astrocyte infection in viral neurovirulence	\$243,000
2019	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$570,901
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI034206	Self-Peptides Bound to MHC Class II in T Cell Selection	\$595,054
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$549,818
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$423,750
2019	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$373,606
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI143290	Spatiotemporal analysis of gene regulatory programs associated with GBS infection during pregnancy	\$803,630
2019	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$191,848
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	\$239,446
2019	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$476,668
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$7,286,889
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$572,722
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137067	Translational Regulation of T Regulatory Cells	\$607,202
2019	GE CORPORATE RESEARCH & DEVELOPMENT	NY	U24AI118667	Secretion Encoding for Multiparameter Functional Immune Assays	\$360,393
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI125536	SUMO and ubiquitin modifications in henipavirus matrix trafficking and function	\$416,250
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	\$405,000

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2019	Trustees Of Columbia University In The City Of New York	NY	R01AI124678	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	\$482,788
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI124006	Highly Attenuated Vesiculovirus-based Vectors as HBV Therapeutic Vaccines	\$399,750
2019	SUNY, STONY BROOK	NY	R01AI125770	Lipid-mediated fungal pathogenesis	\$581,924
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI117873	Modeling Early Immunity to Human Influenza Infection	\$1,671,089
2019	Trustees Of Columbia University In The City Of New York	NY	U19AI131474	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	\$2,047,856
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI124517	The molecular basis of host-microbiota interactions	\$65,158
2019	ROCKEFELLER UNIVERSITY	NY	R21AI134221	Determinants of lentiviral envelope tropism in macaques	\$211,875
2019	UNIVERSITY OF ROCHESTER	NY	R21AI131961	DNA Damage Response in Latent HIV-1 Reservoirs	\$192,500
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI134988	Long noncoding RNA expressing genomic element that control antibody diversification and chromosomal integrity in B cells	\$479,432
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI134328	Bispecific-Antibody-Drug Conjugates for Selective Targeting and Activation of the HIV Latent Reservoir	\$606,100
2019	HEALTH RESEARCH, INC.	NY	R01AI131669	High throughput screening of orthosteric inhibitors of flavivirus protease	\$571,217
2019	CORNELL UNIVERSITY	NY	U01AI131348	Roles for Developmentally Regulated microRNAs in Neonatal Immunity	\$342,445
2019	CHRONUS PHARMACEUTICALS, INC.	NY	R41AI136071	MtLDL detection to diagnose childhood tuberculosis	\$75,766
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132507	A combined computational and experimental approach to the evolution and role of the DNA sequence environment in targeting mutations to antibody V regions	\$587,448
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132614	Development of Novel MetAP2 inhibitors as potential therapeutics for Microsporidiosis	\$420,625
2019	CERAMEDIX HOLDING, LLC	NY	R44AI106283	Development of Anti-ceramide scFv as Mitigator of the Radiation GI Syndrome	\$968,115
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI139217	Understanding the importance of Ikb-b as a selective co-activator of NF-kB signaling	\$400,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI140623	Molecular mechanisms of persistence in mycobacteria	\$46,353
2019	UNIVERSITY OF ROCHESTER	NY	R01AI134685	Antibacterial inhibitors of RnpA	\$718,534
2019	CUNY, RESEARCH FOUNDATION	NY	R03AI135755	Gene Essentiality in Mycobacterium kansasii	\$78,500
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI139775	Mechanism of Zika virus induced corticogenesis defects	\$200,000
2019	CORNELL UNIVERSITY	NY	R01AI138570	Regulation of IL10 production in CD8+ T cells during Flu infection by tyrosine kinase Itk	\$389,229
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI133191	Rapid screening for modes-of-action of M. tuberculosis inhibitors by high-throughput metabolic fingerprinting	\$210,086

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI139593	Impact of pre-existing dengue virus immunity on Zika virus infection of placenta	\$211,268
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI137073	DEFINING THE ROLE OF CELL MIGRATION IN HUMAN NK CELL DIFFERENTIATION	\$426,416
2019	SUNY, BUFFALO	NY	R21AI139448	Functional characterization of RNA Editing Helicase 1	\$199,375
2019	SUNY, STONY BROOK	NY	R21AI139036	Targeting Tsg101 to Identify Inhibitors of HIV-1 Budding by Experimental, Computational and Virtual Screening	\$236,016
2019	HEALTH RESEARCH, INC.	NY	R21AI139856	Feasibility of Nanopore Whole Genome Sequencing in a Public Health Laboratory	\$207,922
2019	SUNY, BUFFALO	NY	R21AI133133	Regulation of Intrinsic Caspofungin Resistance in C. neoformans	\$225,552
2019	ROCKEFELLER UNIVERSITY	NY	R01AI139117	Molecular control of germinal center selection and affinity maturation	\$454,516
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI135629	Conditionally replicating Mycobacterium tuberculosis vaccines	\$1,180,499
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141710	Interferon-beta in transplant	\$423,750
2019	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI141460	Mechanisms of HCMV-induced monocyte-to-macrophage differentiation.	\$571,406
2019	ROCKEFELLER UNIVERSITY	NY	R03AI141855	Elucidation of host factors required for Powassan virus replication as potential therapeutic targets	\$84,750
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141226	Toward a universal influenza virus vaccine based on live attenuated NS1-deleted influenza viruses	\$1,450,070
2019	UNIVERSITY OF ROCHESTER	NY	R01AI137364	Transcriptional Profiling to Discriminate Bacterial and Non-bacterial Respiratory Illnesses	\$784,890
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI139632	Antifungal Immunity and the Mechanism of Fungal Programmed Cell Death	\$672,949
2019	BIOPEPTIDES INC	NY	R43AI142877	An antigen-capture assay to screen donated blood for Babesia microti	\$299,812
2019	UNIVERSITY OF ROCHESTER	NY	R21AI138500	Predictive Modeling of Multidimensional Anti-Influenza IgG Repertoires	\$192,500
2019	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$346,350
2019	ROCKEFELLER UNIVERSITY	NY	R01AI124690	The yellow fever vaccine saga: Defining the viral and host determinants responsible for success versus failure	\$939,659
2019	ROCKEFELLER UNIVERSITY	NY	R01AI131688	Analysis of immunity, viral adaptation and pathogenesis in a new mouse model of HCV-related rodent hepacivirus infection	\$624,270
2019	UNIVERSITY OF ROCHESTER	NY	R21AI146800	Identifying Poxvirus Receptors	\$217,500
2019	CORNELL UNIVERSITY	NY	R01AI141385	Mechanisms and Evolutionary Consequences of a Reproduction-Immunity Tradeoff	\$571,558
2019	Trustees Of Columbia University In The City Of New York	NY	F32AI147528	Phenotyping sepsis in Uganda using molecular pathogen diagnostics and latent class modeling	\$85,448

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2019	ROCKEFELLER UNIVERSITY	NY	R01AI143295	In search of an HBV cure: novel model systems and targets	\$612,444
2019	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$708,106
2019	CORNELL UNIVERSITY	NY	R21AI138497	A novel murine model of allergic airway inflammation.	\$195,012
2019	UNIVERSITY OF ROCHESTER	NY	R01AI147362	T cell migration and cardiovascular toxicity in immunotherapy	\$569,426
2019	SUNY, BINGHAMTON	NY	R21AI147502	Transcriptomic and Genetic Differences of Group A Streptococcus in Humans: Acute Infection versus Carriage	\$247,805
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	\$621,804
2019	ROCKEFELLER UNIVERSITY	NY	R01AI119006	Dynamics of Antigen-Driven Selection in Germinal Centers	\$523,550
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$227,778
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$577,718
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	\$467,196
2019	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$683,255
2019	UNIVERSITY OF ROCHESTER	NY	R01AI127370	HCMV-mediated repurposing of AMPK & CaMKK signaling for productive infection	\$385,000
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$951,253
2019	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$423,750
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$554,089
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134367	Mechanisms Underlying the HIV-HSV-2 Syndemic	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI112546	Protective role of V2 antibodies induced at mucosal tissues in macaques	\$611,445
2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$167,500
2019	UNIVERSITY OF ROCHESTER	NY	T32AI118689	Infection and Immunity: The Pathogenesis of Host-Microbe Interactions	\$240,883
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI116814	Contribution of B cells to human cardiac allograft vasculopathy	\$402,450
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$0
2019	RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC	NY	R01AI122300	Use of ARV Drug Levels in DBS to Assess and Manage ART Adherence in South Africa	\$865,505

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2019	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	P01AI124337	Pushing the envelope: Optimizing vaccine display of flexibly linked HIV Env trimer immunogens	\$2,353,868
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI139465	Eradicating persistent M. tuberculosis by synthetic lethality of terminal respiratory oxidases	\$633,643
2019	HEALTH RESEARCH, INC.	NY	R01AI140726	High throughput screening of the Prp8 intein splicing inhibitors for pathogenic fungi	\$664,586
2019	ROCKEFELLER UNIVERSITY	NY	R21AI142010	Discovery and characterization of human neutralizing antibodies against Powassan virus in patients with Lyme disease for therapy, vaccine, clinical comorbidity profiling, and diagnostic purposes.	\$267,999
2019	UNIVERSITY OF ROCHESTER	NY	U01AI131344	Development of Mucosal and Systemic Immunity and Risk of Food Allergy	\$620,658
2019	SUNY, STONY BROOK	NY	R01AI134054	Validating cholesterol-mediated Mycobacterium tuberculosis resistance to oxidative stress as a drug target	\$393,766
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132633	Dissecting the receptor-mediated infection mechanisms of hantaviruses	\$741,829
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI143714	Selective Plasmodium proteasome inhibitors as novel multi-stage antimalarials	\$754,755
2019	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U01AI133655	Mechanisms of Radiation-induced Vascular Endothelial Cell Injury and Its Correction	\$571,854
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI133598	Dissecting anti-ceramide scFv vascular mitigation of the Radiation GI Syndrome	\$761,714
2019	SUNY, BUFFALO	NY	R01AI124677	Toxoplasma gondii Regulation of Host GABAergic Signaling	\$520,143
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$573,730
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$423,750
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R24AI134650	Generation of a Complete Set of Precise Null Bar-Coded Deletion Mutants of Mycobacterium tuberculosis	\$572,071
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130945	Interactions between helminth colonization and the gut microbiota	\$669,922
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132949	Erythropoietin mediated immunoregulation in murine lupus nephritis	\$423,750
2019	New York Blood Center, Inc.	NY	R01AI137472	Rational design and evaluation of novel mRNA vaccines against MERS-CoV	\$821,329
2019	ROCKEFELLER UNIVERSITY	NY	F32AI133910	Functions of translation regulation in host susceptibility to virus infection	\$63,746
2019	UNIVERSITY OF ROCHESTER	NY	R21AI135284	Attenuation Of Lassa Virus Via Codon Deoptimization?	\$259,875
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI131913	Host susceptibility to Mycobacterium tuberculosis recurrence in HIV-infected people	\$192,780
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	\$506,210

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI138552	Defining Novel Cellular Correlates of Protection Against Human Malaria by CyTOF	\$310,126
2019	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI132447	Role of plasmacytoid dendritic cells in autoimmunity	\$440,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI140724	Rhinovirus respiratory infection and sphingolipid metabolism	\$252,000
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134753	Composition and formation of the cyst wall	\$417,500
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI138024	Structural basis of antibody affinity maturation by somatic hypermutation	\$243,000
2019	UNIVERSITY OF ROCHESTER	NY	R01AI134058	Modeling of HIF-1-alpha Regulation of B Cell Migration	\$735,643
2019	CORNELL UNIVERSITY	NY	R03AI137735	Production and functional characterization of the L-lysine exporters from bacterial pathogens	\$82,000
2019	Trustees Of Columbia University In The City Of New York	NY	R03AI135926	Inferring Shifts in Susceptibility and Cross Protection to Influenza from (Sub)typed Incidence Data	\$81,000
2019	SYLVATICA BIOTECH, INC.	NY	R44AI124835	High Subzero Equilibrium VCA Cryopreservation	\$897,200
2019	Trustees Of Columbia University In The City Of New York	NY	R21AI135427	Physiological responses to cell wall-active antibiotics in a Gram-positive bacterium	\$200,000
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI131339	Development and significance of the plasma cell niche in the human infant thymus	\$467,000
2019	CORNELL UNIVERSITY	NY	R01AI139664	Co-Presentation and Delivery of TLR Agonist Combinations with Subunit Antigens to Pathogen-Match the Immune Response	\$580,985
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI118224	Small-Molecule Antibiotics Targeting Siderophore Biosynthesis in M. tuberculosis	\$666,740
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI142110	Effective immunity against Trypanosoma cruzi infection induced by immunization	\$229,137
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI139297	IgM in the regulation of TB immunity	\$700,549
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI144844	Enhancement of Zika virus pathogenesis in neonates through dengue-specific maternal antibodies	\$253,642
2019	CORNELL UNIVERSITY	NY	R21AI138025	Developmental layers in the CD8+ T cell response to infection.	\$234,501
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI141645	Complement Mediated Regulation of Autophagy and Maintenance of Alloreactive Memory B Cells	\$423,750
2019	CORNELL UNIVERSITY	NY	F31AI143208	Single-cell Imaging of Mechanically Coupled Assembly of Metal Efflux Complexes in Bacteria	\$45,016
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI139613	Converting staphylococcal pathogenicity islands from malevolence to benevolence	\$805,161
2019	CORNELL UNIVERSITY	NY	R21AI144557	Droplet-Assisted RNA targeting by single-cell sequencing to dissect the single-cell heterogeneity of RNA virus infection	\$234,555
2019	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,103,494

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2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$643,028
2019	SUNY, STONY BROOK	NY	R01AI141633	Modulation of Host Cell Responses by Francisella tularensis	\$549,471
2019	HEALTH RESEARCH, INC.	NY	R21AI147608	Initiating translation in mycobacteria: ribosome complexity in a leaderless bacterium	\$261,486
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI141367	Plasmodium phospholipase A2s as potential novel drug targets	\$0
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$423,750
2019	COLD SPRING HARBOR LABORATORY	NY	R13AI145247	CSHL 2019 Microbial Pathogenesis and Host Response Conference	\$7,000
2019	CUNY, RESEARCH FOUNDATION	NY	UH3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	\$1,236,906
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI143453	Antibodies, B cells and resistance to human cryptococcosis	\$522,712
2019	SUNY, STONY BROOK	NY	F30AI140611	Studying the role of anti-capsular antibodies in mediating pathogenesis of carbapenem-resistant Klebsiella pneumoniae	\$35,011
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI138360	Modulation of the cGAS/STING innate immune sensing pathway by arboviruses of human health interest	\$43,416
2019	Trustees Of Columbia University In The City Of New York	NY	F31AI138410	Forecasting International Transmission of Influenza: Development and Validation of a Global Model	\$31,747
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI138389	Tolerogenic and pathologic interactions between ILCs and T cells in autoimmunity	\$45,016
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI144851	Virulence Regulation by the Mycobacterium tuberculosis Proteasome	\$548,256
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI144903	Microbiota-mediated T cell tolerance in newborn and adult autoimmunity-prone mice	\$454,386
2019	ROCKEFELLER UNIVERSITY	NY	R01AI116943	A systematic analysis of small RNA interactions during RNA virus infections	\$683,339
2019	UNIVERSITY OF ROCHESTER	NY	R01AI117288	Passive and Active Immunization for Pneumocystis	\$466,112
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$400,000
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$366,067
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI124464	Gut Microbiome, Acute Rejection, and Tacrolimus Dosing in Kidney Transplantation	\$190,358
2019	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$54,840
2019	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$398,750
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI036082	Neutralization of Primate Immunodeficiency Viruses	\$450,065

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2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$357,733
2019	SUNY, STONY BROOK	NY	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$392,571
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$417,500
2019	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular-stromal function and regulation in immunity	\$440,000
2019	SUNY, STONY BROOK	NY	R01AI116420	New antifungals targeting the synthesis of fungal sphingolipids	\$591,542
2019	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$787,037
2019	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI123406	Non-canonical mechanisms of translation of viral mRNAs	\$618,497
2019	UNIVERSITY OF ROCHESTER	NY	R01AI121090	Neutrophil IFN-gamma in host defense and inflammation	\$457,554
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI125623	Yersinia pseudotuberculosis-based vaccines for plague and yersiniosis	\$415,285
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI124753	Microsporidia: invasion apparatus	\$417,500
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI125651	KIR and HLA in cis and trans cooperatively shape human NK education	\$428,500
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI143043	Age-dependent susceptibility to infection	\$60,854
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI139465	Eradicating persistent M. tuberculosis by synthetic lethality of terminal respiratory oxidases	\$26,343
2019	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$471,209
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI132403	Micron-scale Spatial Metagenomic Mapping of Microbial Biogeography in the Gastrointestinal Tract	\$612,352
2019	JAN BIOTECH, INC.	NY	R44AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$1,000,000
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI119145	Investigating genomic factors and microbiome features that impact CDI transmission and prognosis	\$847,495
2019	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	SC2AI134947	Novel Lymphocyte Surface Markers for Diagnosing Children Predisposed to Rheumatic Fever	\$156,000
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	UM1AI130570	Mount Sinai's COFAR Clinical Research Unit and Clinical Trial (The "ADVANCE" Trial).	\$235,000
2019	UNIVERSITY OF ROCHESTER	NY	R01AI129988	Influenza virus host shutoff mechanism	\$385,000
2019	SUNY, STONY BROOK	NY	R21AI130859	Establishing Sts-1 as a novel target for treatment of systemic candidiasis	\$198,904
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI133943	Generation and characterization of broadly neutralizing antibodies against diverse Henipaviruses	\$45,016
2019	SUNY, BUFFALO	NY	R21AI138195	Modulation of antigen pharmacokinetics with pH dependent antibody	\$195,634
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI135101	Complement Dependent Inflammation and Murine Heart Transplant Rejection	\$189,939
2019	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI140993	Understanding Nrf2-Mediated Restriction of HIV Infection	\$202,205
2019	New York Blood Center, Inc.	NY	R01AI139092	Structure-based design of coronavirus subunit vaccines	\$845,133

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI138499	Mechanisms of environmental sensing and responses by malaria parasites	\$745,853
2019	SUNY, STONY BROOK	NY	R21AI137929	Mechanisms regulating intestinal resident memory CD8 T cell development	\$196,141
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI132940	Shortening Tuberculosis Chemotherapies using N-acetylcysteine	\$250,500
2019	CORNELL UNIVERSITY	NY	R01AI135270	Structural and Functional Analysis of the Coronavirus Spike Protein Fusion Peptide	\$523,463
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137004	Regulation of encephalitogenic T cells by CRAC channels	\$478,517
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	\$850,132
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI139374	SERPINs as a novel family of innate antiviral molecules - Resubmission - 1	\$254,250
2019	UNIVERSITY OF ROCHESTER	NY	R01AI136536	ECM/Integrin Tfh positioning cues for support of the germinal center response	\$477,668
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI141686	Development of Localized T Cell Immunity in Pediatric Respiratory Tract Infection	\$194,636
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI139360	Identifying the Molecular Target of Two Novel Compounds Active Against Non-replicating Mycobacterium tuberculosis and Delineating the Role of the Putative Target, InhA, in Non-replicating States	\$172,006
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R13AI145362	NIH Support for Conferences and Scientific Meetings	\$7,500
2019	ITHACA COLLEGE	NY	R15AI144802	Impact of Commensal Microbiome on Chlamydia Immunity	\$358,669
2019	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI145570	Single-cell analysis of HIV-1 production and transmission	\$655,240
2019	SUNY, STONY BROOK	NY	R01AI119079	Functional Analysis of STAT3 in Gammaherpesvirus Infection	\$432,571
2019	SUNY, STONY BROOK	NY	R01AI127533	The Role the AAA+ Lon Proteases in Bacterial Pathogenesis	\$461,823
2019	HEALTH RESEARCH, INC.	NY	R21AI135173	Contact-dependent transcriptional networks in mycobacterial species	\$207,021
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI137752	Delineating The Differences Between Short-Lived And Long-Lived Plasma Cells	\$211,875
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI147501	Novel genetic tools for the analysis of plasmacytoid dendritic cell function in vivo	\$254,250
2019	TRUDEAU INSTITUTE	NY	R03AI144706	Inhaled DNase as an Adjunctive Tuberculosis Therapy	\$99,000
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI141965	Regulation of Sexual Differentiation in Malaria Parasites	\$585,511
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI145883	Disease Persistence and Population Dynamics: Modeling Measles under Mass Vaccination	\$507,841
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$602,572

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2019	General Nutraceutical Technology, LLC	NY	R43AI148039	IgE Suppressing Berberine Nanomedicine for Treatment of Food Allergies	\$225,000
2019	ROCKEFELLER UNIVERSITY	NY	R01AI141507	Development of small molecule cGAS inhibitors for repression of dsDNA-triggered interferon expression	\$538,003
2019	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$512,779
2019	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139258	Identification of human cytomegalovirus life cycle stage-specific therapeutics	\$413,552
2019	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R25AI140472	Tri-I Training Program in Metabolomics	\$334,714
2019	CUNY, RESEARCH FOUNDATION	NY	UH3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$1,372,892
2019	BARNARD COLLEGE	NY	R15AI145652	Topology of the Human-KSHV Host-Pathogen Genome	\$427,564
2019	CORNELL UNIVERSITY	NY	F31AI140050	Host-pathogen interactions drive regulatory evolution of the anthrax toxin receptor	\$41,496
2019	CORNELL UNIVERSITY	NY	R01AI147890	Retrovirus Structure and Assembly with Inositol Phosphates	\$392,500
2019	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI145655	Structure and immunogenicity of novel trimeric HIV-1 Env immunogens	\$813,635
2019	Trustees Of Columbia University In The City Of New York	NY	R01AI143886	Novel analysis of association between microbiome and treatment infection in AML	\$417,589
2019	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U19AI142777	Prometheus: A Platform for Rapid Development of Human Antibody-based Therapeutics and Prophylactics against Emerging Viral Threats	\$4,348,829
2019	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI127812	Flu SAFE: Flu SMS Alerts to Freeze Exposure	\$785,611
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI129709	Non-inferiority study of adjuvanted vs. high dose flu vaccine in residents of long term care	\$798,632
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI127392	Role and Regulation of TSLP in Childhood Allergic Disease	\$778,631
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$645,617
2019	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$534,943
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI130131	Kruppel-Like Factor 2 Counters Vascular and Immunologic Dysfunction in Child Cerebral Malaria	\$592,696
2019	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI115642	Natural Resistance to Mycobacterium Tuberculosis Infection	\$731,718
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI125247	The role of IL-27/Lag3 axis in regulating Foxp3+ regulatory T cell function	\$396,250
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI131050	Defining the role of Gimap5 in T cell differentiation and asthma development	\$198,750
2019	OHIO STATE UNIVERSITY	OH	R03AI139271	Functional characterization of AsmA-like proteins in Escherichia coli	\$78,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R37AI141258	Harnessing IL-10 in cART treated SIV infected macaques to restore immunity and to eradicate HIV	\$838,315
2019	OHIO STATE UNIVERSITY	OH	R21AI130485	A live attenuated vaccine for leishmaniasis	\$166,973
2019	UNIVERSITY OF CINCINNATI	OH	R01AI139027	Microbiome and E. coli O157:H7 infection of human gut tissue	\$401,250
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI143740	Developing a predictive in silico toolkit for modeling NK cell responses against RNA virus infections	\$394,486
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI139519	A novel multifunctional role of diverse substrate binding and import by the Haemophilus Sap transporter	\$434,997
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI140847	Novel approaches to understanding precursor protease autoprocessing in intact viruses	\$513,805
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI143992	Mechanisms of tunable posttranslational control of T-cell homeostasis and tolerance	\$465,931
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI139898	Innate Immune Training by Human Malaria	\$252,924
2019	UNIVERSITY OF CINCINNATI	OH	R01AI145991	Rapid, safe suppression of IgE-mediated disease with monovalent anti-ceR1a mAb	\$383,995
2019	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA capping and methylation in pneumoviruses	\$498,053
2019	OHIO STATE UNIVERSITY	OH	R01AI139913	Investigating a Novel Cellular Therapy to Prevent and Treat Acute Antibody Mediated Kidney Transplant Rejection	\$548,418
2019	OHIO STATE UNIVERSITY	OH	R21AI146690	Mechanisms of Cardioprotection by the Innate Immune System During Influenza Virus Infections	\$227,185
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI148080	Targeting natural killer cells to enhance HIV vaccine responses	\$685,580
2019	COLLEGE OF WOOSTER	OH	R15AI140223	New Targets for Vector Control: Regulation of Female Behavior and Physiology by Adipokinetic Hormone in Aedes aegypti	\$323,901
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$405,792
2019	OHIO STATE UNIVERSITY	OH	R01AI121124	Infectious Entry Mechanisms of Obligatory Intracellular Pathogen	\$385,000
2019	OHIO STATE UNIVERSITY	OH	R01AI116975	Automation and Multi-Site Validation of a Personalized Empiric Antibiotic Advisor	\$386,334
2019	UNIVERSITY OF CINCINNATI	OH	R01AI126818	Dendritic cell KLF2/Notch Axis and Th2 Responses to Eukaryotic Pathogens	\$394,129
2019	TRIAD NATIONAL SECURITY, LLC	OH	R21AI130663	Rapid Diagnosis of Pediatric Tuberculosis	\$202,775
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI142704	Therapeutic target discovery in pediatric recurrent respiratory papillomatosis	\$238,500
2019	OHIO STATE UNIVERSITY	OH	R21AI138555	Characterization of bystander immunosuppression during visceral leishmaniasis	\$195,000
2019	Research Institute at Nationwide's Children's Hospital	OH	F30AI143060	Hepacivirus control by vaccine-elicited T cells.	\$33,213

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2019	UNIVERSITY OF CINCINNATI	OH	R01AI139141	Targeting Human Plasma Cells To Overcome Humoral Responses in Transplantation	\$173,143
2019	OHIO STATE UNIVERSITY	OH	R21AI142794	Genome editing to prevent HTLV-1 disease	\$195,000
2019	TRIAD NATIONAL SECURITY, LLC	OH	R01AI135946	Leveraging public health genotyping databases for near real-time HIV surveillance	\$835,351
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI144264	Regulation of B cell function and antibody class switching by c-Rel O-GlcNAcylation	\$240,000
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI116668	L-citrulline and anti-tuberculosis host defense	\$390,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$434,494
2019	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$439,324
2019	OHIO STATE UNIVERSITY	OH	R01AI125560	Enhancing efficacy of pertussis vaccines	\$370,183
2019	OHIO STATE UNIVERSITY	OH	R01AI126742	The Mechanics of Retroviral Integration	\$390,000
2019	OHIO STATE UNIVERSITY	OH	R01AI127863	Clinical and molecular epidemiology of the sexual transmission of Neisseria meningitidis	\$750,579
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI124348	Resistance to MTB infection in HIV infected individuals in Uganda and S. Africa	\$2,270,572
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI126890	T cell Immunity and the Outcome of Acute HCV Infection	\$729,481
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI123176	INNATE MECHANISMS OF REGULATION OF MEMORY TH17 CELL RESPONSES	\$537,292
2019	CHILDRENS HOSPITAL MEDICAL CENTER OF AKRON	OH	R21AI135743	Exploring Medicaid Analytic eXtract (MAX) to reduce infections in children with JIA	\$155,132
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI137567	Host response and liver disease in a hepatitis C-like virus rat model	\$507,238
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI135380	The molecular analysis of Gab3 in NK cell function	\$198,750
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI135434	Viral causes of idiopathic chronic kidney disease	\$120,000
2019	MIAMI UNIVERSITY	OH	R15AI138184	Regulation of Type-I Interferon by SLAMF9	\$433,500
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI142266	Targeted manipulation of the DNA damage response for prevention/treatment of GVHD	\$238,500
2019	Research Institute at Nationwide's Children's Hospital	OH	R21AI140001	Regulation of Francisella virulence by sRNAs	\$190,000
2019	OHIO STATE UNIVERSITY	OH	R01AI143809	Malaria Management through an On-demand Diagnostic Approach using Novel Ionic Probes	\$383,061
2019	UNIVERSITY OF TOLEDO	OH	R13AI147687	26th Annual Midwest Microbial Pathogenesis Conference (MMPC)	\$8,000
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI147498	Foxp3+ regulatory T cell-dependent treatment of allergic inflammation by glucocorticoids	\$566,166
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	DP1AI131080	Immunological identity redefined by genetically foreign microchimeric cells	\$1,092,000
2019	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$500,044
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,601,750
2019	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$260,037

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2019	TRIAD NATIONAL SECURITY, LLC	OH	R01AI028433	Immune System Modeling/HIV	\$385,317
2019	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$193,485
2019	OHIO STATE UNIVERSITY	OH	R01AI134895	Revisiting alginate paradigms	\$532,218
2019	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,799,475
2019	Research Institute at Nationwide's Children's Hospital	OH	K08AI108792	Burkholderia-mediated defective killing mechanisms in macrophages from cystic fibrosis (CF) patients	\$176,504
2019	WRIGHT STATE UNIVERSITY	OH	R01AI114804	TRPM7 and Cellular pH	\$370,000
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI135595	Transition states in lineage specification	\$198,750
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI125675	ORMDL3 Regulation of Dendritic Cells in Asthma	\$187,190
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI145069	Emerging antibiotic resistance in Gram-negative pathogens	\$678,943
2019	UNIVERSITY OF CINCINNATI	OH	R01AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	\$365,101
2019	OHIO STATE UNIVERSITY	OH	R01AI140541	Salmonella-specific therapeutics	\$719,497
2019	OHIO STATE UNIVERSITY	OH	R01AI143288	Microbial ecology of the inflamed intestine	\$705,973
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI142264	Single cell analysis of transplant rejection	\$253,473
2019	Research Institute at Nationwide's Children's Hospital	OH	R21AI142885	Mkp-1 suppresses immune checkpoint protein PD-L1 to prevent sepsis-associated immune dysfunction and mortality	\$228,000
2019	OHIO STATE UNIVERSITY	OH	R00AI125136	Host innate immune response as a barrier to cross-species retrovirus transmission	\$251,275
2019	Research Institute at Nationwide's Children's Hospital	OH	R21AI142433	Murine model for Torque teno viruses - Resubmission - 1	\$228,000
2019	OHIO STATE UNIVERSITY	OH	R21AI146736	Inhibition of Ehrlichial Infection by Intracellular Nanobody	\$234,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI146172	Dissecting catalytic and regulatory functions of nonsegmented negative strand RNA viral polymerases	\$360,000
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI125489	Overcoming pathogen-mediated immune evasion: a translational approach to pediatric Staphylococcus aureus vaccine development - Resubmission 01	\$380,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$3,708,628
2019	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$315,911
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$397,500
2019	OHIO STATE UNIVERSITY	OH	R01AI124121	Restoring macrophage function in cystic fibrosis	\$901,273
2019	UNIVERSITY OF CINCINNATI	OH	R01AI130103	Wimpy antibody isotypes protect against antibody-mediated disease	\$365,342
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI130830	Gene Regulation as a Foundation for Autoimmune Disease Prevention	\$1,270,117
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124657	Functional immune tolerance to non-inherited maternal antigen	\$390,000

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2019	WRIGHT STATE UNIVERSITY	OH	R01AI127816	Prevention of adenovirus pathogenesis through downregulation of the apical adenovirus receptor	\$375,000
2019	Research Institute at Nationwide's Children's Hospital	OH	R21AI137912	Immunomodulation by hepatitis E virus free antigen	\$228,000
2019	OHIO STATE UNIVERSITY	OH	K22AI127072	Retooling Natural killers cells (NK) and mucosal Innate lymphoid cells (ILCs) for an effective HIV vaccine	\$108,000
2019	GUILD ASSOCIATES INC	OH	R01AI138971	Rapid multiplex method for direct phenotypic ID/AST of bacterial pathogens	\$1,203,777
2019	UNIVERSITY OF TOLEDO	OH	R21AI135313	Synthesis of natural product scaffold selectively active against dormant Mycobacterium tuberculosis	\$186,625
2019	OHIO STATE UNIVERSITY	OH	R01AI140741	Defining the Role of Molecules Unique to Encephalitogenic T Cells in MS	\$390,000
2019	UNIVERSITY OF TOLEDO	OH	R21AI144567	Virulence inducing signals of Vibrio cholerae	\$230,250
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	F32AI145184	Maternal microchimerism transfers cellular immunity to offspring	\$72,230
2019	OHIO UNIVERSITY	OH	R01AI143743	Post-translational regulation of alpha PSM production in Staphylococcus aureus by the small RNA Teg41	\$453,011
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI148276	Genomics of Inflammatory Bowel Disease	\$864,451
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI120202	Maternal Regulatory T cell antigen-specificity	\$390,000
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI114581	Metabolic programming in TH17 cell differentiation	\$373,750
2019	TRIAD NATIONAL SECURITY, LLC	OH	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$661,654
2019	TRIAD NATIONAL SECURITY, LLC	OH	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$805,759
2019	OHIO STATE UNIVERSITY	OH	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	\$379,920
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	T32AI118697	Pathogenesis and therapeutic targeting of immune disorders	\$141,626
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116709	Asymptomatic Malaria Gametocyte levels in Kenya: An observational survey	\$387,123
2019	Research Institute at Nationwide's Children's Hospital	OH	P01AI112524	Live Attenuated RSV Vaccine with Optimized Safety and Immunogenicity	\$1,557,469
2019	OHIO STATE UNIVERSITY	OH	R01AI121405	Epigenetic modulation of T cell tolerance in Multiple Sclerosis autoimmunity	\$438,928
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI130033	Role of Aiolos in eosinophilic asthma	\$390,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI125202	A multi-tiered approach to develop validated assays to predict efficacy of a tetravalent live attenuated Dengue Virus vaccine in Phase II and Phase III clinical trials	\$870,724
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI024717	Genetic Linkage in Lupus	\$390,000
2019	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	\$496,625
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI139511	Mechanism for spread of a quasi-enveloped hepatotropic virus	\$484,688
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI145840	Progesterone induced immune modulation during pregnancy	\$800,085

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2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116730	Transcriptional regulation by O-GlcNAcylation in T lymphocytes	\$396,250
2019	UNIVERSITY OF CINCINNATI	OH	R01AI123158	ER stress and calcium in host adaptation of A. fumigatus	\$401,250
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI145289	Polymicrobial interactions in Crohn's Disease	\$627,568
2019	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$568,411
2019	OHIO STATE UNIVERSITY	OH	R01AI141495	SAMHD1-mediated regulation of HIV-1 innate immunity and viral gene expression	\$476,943
2019	Research Institute at Nationwide's Children's Hospital	OH	R56AI146581	Modeling Antibody-induced Immune Responses by NK cells in Mice and Humans	\$512,305
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI147319	Capturing spatial patterns of new M. tuberculosis infection in Kampala, Uganda	\$1,588,271
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$474,827
2019	OHIO STATE UNIVERSITY	OH	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	\$429,197
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$370,696
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI124029	Regulation and Function of Mkp-1 During Sepsis.	\$380,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI127201	Training Program in HIV Cure	\$107,886
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI121330	Environmental influences on urban schistosomiasis transmission and elimination	\$456,181
2019	OHIO STATE UNIVERSITY	OH	R01AI123661	A novel lactic acid bacteria-based norovirus vaccine	\$597,289
2019	OHIO STATE UNIVERSITY	OH	R21AI138775	Development of Novel Scaffolds as Tools for Allosteric HIV-1 Integrase Inhibition	\$234,000
2019	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$916,571
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI135922	ANTIVIRAL MECHANISMS OF 2-5A-DEPENDENT RNASE L	\$400,625
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI137577	Characterization of Translational Repression in Infectious Schistosome Larvae	\$120,000
2019	UNIVERSITY OF CINCINNATI	OH	R01AI133797	HIF Regulation of Histoplasma Pathogenesis	\$400,729
2019	OHIO STATE UNIVERSITY	OH	R21AI139600	Inhibition of Ehrlichial Infection by Cell-permeable Cyclic Peptides	\$195,000
2019	Research Institute at Nationwide's Children's Hospital	OH	U01AI131313	T Cell Immunity and HCV Infection Outcome	\$250,607
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI144673	Impact of the Initial Influenza Exposure on the Quality, Magnitude, Breadth, Potency and Durability of Influenza Immunity	\$4,655,925
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI148083	Control of P-TEFb biogenesis and HIV transcription in primary T-cells	\$400,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	P2D INC	OH	R43AI145726	Targeting Latexin for radiation mitigation.	\$297,014
2019	OHIO STATE UNIVERSITY	OH	R01AI146252	Molecular mechanism of cardiac inflammation and dysfunction in Pseudomonas aeruginosa infection	\$461,542
2019	OHIO STATE UNIVERSITY	OH	R21AI137714	Macrophage activation connects impairment of Histoplasma proliferation with phagosomal copper restriction	\$234,000
2019	CASE WESTERN RESERVE UNIVERSITY	OH	K22AI141620	Massively Parallel Mutational Analyses of Viral Neutralization Mechanisms Against Human Restriction Factors	\$162,000
2019	OHIO STATE UNIVERSITY	OH	F31AI147886	SAMHD1-mediated suppression of the NF-kB pathway and HIV-1 gene expression	\$39,420
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$390,000
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	\$629,524
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,770,730
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$492,645
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124355	Genetic and Immunological Dissection of Eosinophilic Esophagitis	\$555,000
2019	OHIO STATE UNIVERSITY	OH	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	\$359,124
2019	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$436,500
2019	OHIO STATE UNIVERSITY	OH	R01AI130110	Mechanisms of innate resistance to virus infections	\$379,061
2019	UNIVERSITY OF TOLEDO	OH	R01AI121970	Intravital assessment of Borrelia burgdorferi immune clearance in skin	\$376,808
2019	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI131295	?Resetting immune homeostasis: a non-invasive approach towards HIV eradication	\$1,096,736
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI118774	Effector functions and cellular targets of pathogenic plasmacytoid cells in lupus.	\$396,250
2019	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI132644	Epigenetic Reprogramming of Monocyte Functions during Acute Uncomplicated Malaria in Kenyan Children	\$189,575
2019	Research Institute at Nationwide's Children's Hospital	OH	R01AI134848	Novel carbohydrate binding functions of the CR3 I-domain modulate gonococcal-cervical cell interactions	\$456,583
2019	OHIO UNIVERSITY	OH	R03AI135788	An exploratory analysis of RNA thermometers in Staphylococcus aureus	\$75,500
2019	Research Institute at Nationwide's Children's Hospital	OH	U01AI131386	High Precision System Analysis of Infant Immune Responses	\$522,868
2019	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI143305	Identification of effective SCY-078 analogues targeting C. auris	\$240,000

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2019	UNIVERSITY OF AKRON	OH	R01AI144115	Integration of Leukotriene and Prostaglandin Receptor Signaling in Mast Cell Activation and Pulmonary Inflammation during Asthma	\$380,000
2019	OHIO STATE UNIVERSITY	OH	R21AI142256	Inhibition of cell-to-cell fusion by interferon-induced proteins	\$195,000
2019	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI143467	Copper tolerance and homeostasis in Pneumocystis species	\$254,418
2019	CASE WESTERN RESERVE UNIVERSITY	OH	F32AI147460	Molecular epidemiology and serology of malaria under shifting agricultural practices in Africa	\$63,926
2019	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,815,591
2019	OKLAHOMA STATE UNIVERSITY	OK	R21AI139998	Activation and catalytic mechanisms of mosquito phenoloxidases	\$182,122
2019	Progentec Diagnostics, Inc.	OK	R44AI142967	Development of Immune Mediator Based Blood Tests that Inform Concurrent and Future Clinical Disease Activity in Systemic Lupus Erythematosus (SLE)	\$225,000
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	K22AI144035	Non-conventional regulation of essential apicomplexan guanylate cyclases	\$162,000
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI134719	Activation of semi-invariant and diverse NKT cells with an adjuvant combination	\$367,120
2019	UNIVERSITY OF OKLAHOMA	OK	R01AI136799	Optimization of efflux avoidance and inhibition for antibiotic development	\$1,056,326
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R37AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$441,296
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI132532	Ikaros family genes and lupus susceptibility across ethnically diverse populations	\$827,115
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R03AI139975	Epstein Barr Virus Interleukin 10 (vIL 10) in Systemic Lupus Erythematosus	\$87,400
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI129458	Characterization of a distinct NKT subset and its role in influenza responses	\$537,917
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI139248	Mechanisms of PbgA involvement in Salmonella Typhimurium lipid homeostasis for bacterial pathogenesis	\$360,700
2019	UNIVERSITY OF OKLAHOMA	OK	R03AI142420	Antibiotic Potentiators Targeting Biofilms of MRSA and MRSE	\$71,078
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI126851	Exploring the thymic origin of group 2 innate lymphoid cells	\$528,841
2019	UNIVERSITY OF OKLAHOMA	OK	R33AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	\$459,720
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	UM1AI144292	Oklahoma ACE: Molecular Deconstruction of Autoimmune Disease to Aid Clinical Trial Success	\$262,200
2019	UNIVERSITY OF OKLAHOMA	OK	R21AI141927	Small molecule inhibitors of bacterial condensins	\$232,500
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$368,350

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2019	UNIVERSITY OF OKLAHOMA	OK	R01AI132836	Permeability Barriers of Gram-negative Pathogens and Approaches to Bypass Them	\$498,640
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,267,196
2019	UNIVERSITY OF OKLAHOMA	OK	R03AI141950	The chemoenzymatic synthesis of daptomycin analogs	\$71,613
2019	HEARTLAND VACCINES LLC	OK	R41AI147787	Development of an M Protein-Deficient Respiratory Syncytial Virus Vaccine for Aerosolized Vaccination of the Lung	\$267,672
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$205,542
2019	UNIVERSITY OF OKLAHOMA	OK	R01AI141625	Quantitative Analysis of Serum Autoantibody Repertoires in Systemic Lupus Erythematosus	\$463,254
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI118836	Role of the transcription factor ARID3a in innate immune responses	\$370,000
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	\$370,000
2019	OKLAHOMA STATE UNIVERSITY	OK	R21AI137750	Regulation of cGAS-Mediated Cytosolic DNA Sensing Pathway	\$187,000
2019	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI137047	Understanding the roles type I Interferon and TH17 play in Neuromyelitis Optica and other autoimmune diseases.	\$700,785
2019	OKLAHOMA STATE UNIVERSITY	OK	R01AI141399	Role of FIP200 in RIG-I-mediated innate immunity	\$334,844
2019	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$440,794
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI133712	PROBING the DYNAMICS of INFANT IMMUNITY to LIMIT HIV PERSISTENCE	\$809,993
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R03AI137636	Developing a versatile genetic toolbox for Leishmania using 2A peptide technology	\$77,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI021640	Molecular Aspects of Cytomegalovirus Latency	\$532,285
2019	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$996,895
2019	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$616,930
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI124370	Efficacy of Strain 68-1 RhCMV Vectors Expressing 5' Leader Polypeptides	\$790,163
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI130055	Innate immunity to enteric virus infection by IFN?-stimulated-gene expression	\$385,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132186	An Advanced Vaccine Candidate To Prevent Zika Virus Infection	\$2,022,865
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123182	A Cytomegalovirus-based Vaccine Targeting the Pre-erythrocytic Stage of Malaria	\$760,985
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129976	Distinct pathways for MR1 antigen presentation upon infection with intracellular versus extracellular pathogens	\$370,693

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2019	TOMEGAVAX, INC.	OR	R44AI129232	A Cytomegalovirus-based therapeutic vaccine for chronic hepatitis B	\$1,000,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143660	Mechanistic Exploration of cGAS-STING-Mediated Vaccine Enhancement	\$716,448
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143411	Novel ISH Approaches to Quantify Replication Competent Reservoirs	\$716,643
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI127335	Human Cytomegalovirus dysregulation of host hematopoietic progenitor cell signaling pathways to modulate latency, reactivation, and hematopoiesis during transplantation	\$1,820,785
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132404	Regulation of memory T cell trafficking by core 2 O-glycan synthesis	\$382,270
2019	OREGON STATE UNIVERSITY	OR	R01AI129957	Biosynthetic studies and development of ribomimetic-based anti-infectives	\$351,709
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI143620	microRNA Regulation of Gamma-herpesvirus Latency and Reactivation	\$415,093
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI140888	Understanding Unconventional CD8+ T cell Responses in Protection from HIV	\$819,581
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI147293	International Herpesvirus Workshop	\$7,500
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI128970	An IL-15 superagonist approach to clear the latent viral reservoir	\$213,626
2019	OREGON STATE UNIVERSITY	OR	R21AI135641	Interactions between Gut Microbiome Natural Products and Intestinal Helminths	\$183,750
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133632	Creation of a chronic HBV infection model in rhesus macaques	\$253,124
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI141554	Development and validation of an agent-based model to promote evidence-based control of Taenia solium cysticercosis	\$683,379
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI147723	A CCR5 Blocking Antibody as HIV Pre-exposure Prophylaxis	\$250,898
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$484,734
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$385,000
2019	NAJIT TECHNOLOGIES INC	OR	R44AI128990	Development of an H2O2-inactivated chikungunya virus vaccine	\$989,109
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R33AI127591	Development of Novel Therapeutics for Leishmaniasis	\$466,339
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI130745	Heterogeneity in Virus Capsid Assembly and Structure	\$192,977
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133014	Characterization of HCMV entry receptors	\$231,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI134790	Lung Resident, MR1-Restricted T Cells: Association with Differential Outcomes Following Exposure to M. Tuberculosis	\$641,858
2019	OREGON STATE UNIVERSITY	OR	R01AI143991	Genetic mechanisms of snail/schistosome compatibility	\$367,500

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2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129980	Memory, Phenotype, and Function of TB-reactive Human MR1 Restricted T cells	\$654,713
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F31AI145193	The Effects of Cytomegalovirus on Organ Transplant Rejection	\$45,016
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$431,534
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI121160	Function of the Essential KHARON1 Protein in Bloodstream Form African Trypanosomes	\$524,134
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129703	A nonhuman primate model of stem cell transplantation to understand determinants of post-transplant SIV clearance	\$796,277
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI135537	Dengue virus immunity in endemic and non-endemic human cohorts	\$193,703
2019	NAJIT TECHNOLOGIES INC	OR	U44AI145791	A Randomized Phase I Clinical Trial of HydroVax-YFV, a Novel Inactivated Yellow Fever Vaccine	\$292,140
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F31AI140525	Regulation of tissue-resident memory CD8+ T cell differentiation following antigen recognition	\$45,016
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	\$385,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U19AI128741	Development of Immunogenicity- and Efficacy-Optimized CMV Vectors for an HIV/AIDS Vaccine	\$2,321,982
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129801	Using monoclonal antibody Fc variants in strategies to eliminate HIV reservoirs	\$832,540
2019	OREGON STATE UNIVERSITY	OR	R01AI130059	The Role of Ubiquitin and Ubiquitin-Like Molecules in Direct Antigen Presentation	\$353,374
2019	OREGON STATE UNIVERSITY	OR	R15AI142609	Targeting the LpqY-SugABC transporter system for synergistic anti-TB compounds	\$444,375
2019	PORTLAND STATE UNIVERSITY	OR	R01AI141972	Novel Multiple-Stage Active Antimalarials	\$675,318
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI144008	Adoptive MHC-E-Restricted T Cell Therapy for the Treatment of Chronic Hepatitis B Virus Infection	\$663,585
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI147944	Defining the Impact of Immunodeficiency Virus Infection on Mycobacteria-Specific, Unconventional CD8+ T cells	\$213,713
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116635	Genetic Pathways of Human Cytomegalovirus Drug Resistance	\$315,000
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123148	Metabolite modulation of Mtb regulators of cell wall biogenesis	\$481,646
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$410,940
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$572,593
2019	PORTLAND STATE UNIVERSITY	OR	R03AI133023	Uncovering small RNAs that contribute to Coxiella burnetii infection	\$74,250
2019	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI141412	Development of a Sustained Release Injectable Formulation for Long-Term Delivery of ELQs	\$833,189

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2019	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	\$751,134
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$241,520
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$400,000
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$454,464
2019	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$2,144,459
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$420,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI121166	Leukocyte Activation and Migration in Autoimmune Encephalomyelitis	\$402,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI118684	Combined Adult and Pediatric Infectious Disease Postdoctoral Training Grant	\$212,190
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123538	Role of Stx11 and STXBP2 in lytic granule exocytosis in health and disease	\$646,751
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125284	Regulation of T cell responses to oral antigens	\$402,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123243	Defining human noncanonical inflammasome responses to Legionella pneumophila	\$402,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131251	SHIV/HIV Env-Antibody Coevolution as a Guide to Iterative Vaccine Design	\$3,256,887
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123539	Epigenetic imprinting of follicular helper T cell fate and function in lupus	\$806,503
2019	UNIVERSITY OF PENNSYLVANIA	PA	R61AI133696	Epigenetic HIV Silencing in Macrophages	\$853,363
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI131983	Pharmacoenhancers for antiretroviral therapy: safety and future development	\$382,628
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI128530	Defining the non-apoptotic role of Caspase-8 activity in anti-bacterial immune defense	\$407,486
2019	TEMPLE UNIVERSITY	PA	R01AI125111	Interleukin-36 cytokines in antiviral immune responses	\$390,000
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$186,408
2019	UNIVERSITY OF PITTSBURGH	PA	P01AI106684	Immune Airway-Epithelial Interactions in Steroid-Refractory Severe Asthma	\$1,538,631
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI130231	Topological Control of Antigen Receptor Loci during Lymphocyte Development	\$722,423
2019	WISTAR INSTITUTE	PA	R01AI141236	Novel DNA encoded monoclonal antibodies (DMAbs) for control of Antimicrobial Resistant (AMR) Pseudomonas aeruginosa infection	\$1,541,486
2019	TEMPLE UNIVERSITY	PA	R01AI130209	Regulation of Viral Chromatin Architecture During EBV Latency	\$396,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	K08AI130365	Pregnancy-induced T cell exhaustion: an opportunity to reduce immunosuppression	\$196,236

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2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137484	Intersections of bitter taste receptor (T2R) and toll-like receptor (TLR) signaling in airway epithelial cell innate immunity	\$201,250
2019	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI134732	Development of Benzodiazepine YFV NS4B inhibitors as therapeutic agents for Yellow Fever	\$723,640
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139392	Dueling PPxY Motifs of Filovirus VP40 and Host Angiomotin: Effects on Innate Immune Defenses and Tight Junction Integrity at Immune Privileged Sites	\$203,250
2019	TEMPLE UNIVERSITY	PA	R21AI137541	Epithelial type I interferon signaling in Salmonella typhimurium infection	\$198,125
2019	UNIVERSITY OF PENNSYLVANIA	PA	R00AI125786	Immune-Microbiota Interaction in defense against Clostridium difficile	\$249,000
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI140014	The role of PTP1B in cell-to-cell spread of herpes simplex virus in vivo	\$229,950
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135522	Study Network of Acinetobacter as a Carbapenem-Resistant Pathogen (SNAP)	\$198,865
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139123	Very early plasma cell differentiation	\$562,174
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI139063	Visualization of Influenza Viral RNA Assembly	\$382,409
2019	VENATORX PHARMACEUTICALS INC	PA	R01AI141239	New class of PBP inhibitors to address PBP2-mediated resistance in Neisseria gonorrhoeae	\$1,635,802
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI143788	Development of a Self Inactivating, Highly Effective TB Vaccine	\$721,271
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI145242	Regulation of IL-17 signaling by RNA binding proteins in kidney diseases	\$192,437
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K22AI137220	The Impact of Vancomycin-Resistant Enterococcus on Clostridium difficile Infection	\$162,000
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI132692	Forward genetic prediction and testing of virulence loci in herpes simplex virus 1	\$392,768
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118691	Mechanistic studies of BlyS-mediated modulation in HIV-1 Env-specific antibody responses	\$576,290
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI143850	Defining the Role of West Nile Virus-Host Protein Interactions in Evading Antiviral Immunity	\$405,000
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K22AI141758	The biochemical basis of immune cell reprogramming: how cellular metabolism regulates epigenetic remodeling during T cell differentiation	\$162,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	K24AI146137	Mentored research in solid organ transplantation: outcomes using organs from Hepatitis C virus infected donors for uninfected recipients	\$134,166
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI130156	Analysis of the mechanism of HCMV cytoplasmic envelopment	\$378,640
2019	CARNEGIE-MELLON UNIVERSITY	PA	R01AI146103	Functional Analysis of Natural Variation in the Pathogen Candida albicans	\$507,606
2019	Evrys Bio, LLC	PA	R44AI114079	A single antiviral to treat multiple opportunistic infections	\$999,998

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2019	MILTON S HERSHEY MEDICAL CENTER	PA	R37AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$373,044
2019	UNIVERSITY OF PENNSYLVANIA	PA	F31AI140508	Determining the Mechanism of TNF in Defense Against Intracellular Bacterial Infection	\$45,016
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI150246	The role of pattern recognition and autophagy in innate anti-bunyaviral immunity	\$521,031
2019	WISTAR INSTITUTE	PA	R01AI135723	Multivalent DNA vaccine-mediated protection against Tuberculosis	\$370,420
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$317,701
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$477,728
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$520,730
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118887	Reovirus Attachment Mechanisms	\$416,081
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$645,687
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120011	A FAST Assay to Quantify HIV Reservoirs	\$663,223
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$466,486
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI122369	Hepatocyte xenografts for treatment of acute liver failure	\$1,006,195
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125563	Impact of early T-bet on CD8 T cell effector responses	\$402,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI127677	Development of a Novel, Sensitive ZIKV-Specific Sero-diagnostic Assay Utilizing Biologically Inspired Synthetic Molecules	\$685,242
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI107121	Mechanisms of Enterovirus Entry	\$377,425
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121383	Early life antibiotics, gut microbiome development, and risk of childhood obesity	\$719,709
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI141934	Function of the Vibrio cholerae RND efflux systems	\$187,041
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118891	Viral Modulation of Epigenetic Mechanisms	\$483,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$346,611
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI134195	Influence of SIV replication on TB progression and immunity	\$1,029,305
2019	UNIVERSITY OF PITTSBURGH	PA	U19AI131453	Regulatory immune cell therapy, promotion of tolerance and underlying mechanisms in NHP renal transplantation	\$1,468,504
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118777	Regulation of Liver DC Function and Transplant Tolerance	\$458,840
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127823	Drug discovery against lyssaviruses by high throughput screening	\$398,340
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121250	IL-33 Blockade as a Novel Therapeutic for T-cell Mediated Hypercytokinemia Syndromes	\$590,951
2019	UNIVERSITY OF PENNSYLVANIA	PA	U01AI125940	Trefoil factor proteins regulate inflammation and immunity	\$453,041

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI136664	Statistical Models for Estimating and Projecting HIV/AIDS Epidemics	\$708,081
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124182	Role of a novel human mast cell G protein coupled receptor in Allergy and Inflammation	\$402,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI137132	Investigating the Repertoires and Functions of T Cells that Help Autoreactive B Cells in Lupus	\$382,775
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135238	The function of MFSD2A on CD8+ T cells in the immune response	\$233,055
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI132875	Heat shock protein gp96 and Treg responses	\$197,245
2019	DREXEL UNIVERSITY	PA	R21AI138143	Consequences of HBV modulation of metabolic homeostasis in human hepatocytes	\$193,003
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI140010	Evaluating the Clostridium perfringens Agr-like Quorum Sensing System as a Therapeutic Target	\$235,113
2019	TEMPLE UNIVERSITY	PA	R21AI140178	Evaluation of Novel Interferon Epsilon across Human Pregnancy	\$188,064
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI136660	Transcriptional and epigenetic regulation of Tfh dysfunction in HIV	\$155,552
2019	THOMAS JEFFERSON UNIVERSITY	PA	T32AI134646	Training grant on Vaccines and Immunotherapies for Infectious Diseases and Cancer	\$244,397
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI135567	Major contribution of non-classical antigen processing to Salmonella Typhimurium-specific CD4+ T cell responses	\$207,775
2019	TEMPLE UNIVERSITY	PA	R56AI143256	Synthetic rescue of antigen-driven T cells and alloimmunity	\$353,491
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI142662	Effects of HIV SIV on unconventional T cells in immunity to M. tuberculosis in pre adolescents	\$1,301,851
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI145266	Double-stranded RNA during DNA virus infection	\$623,750
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI117410	Complement dysregulation and atypical hemolytic uremic syndrome	\$400,000
2019	CAPTIS DIAGNOSTICS	PA	R43AI145614	An ultrasensitive virus identification method for acute respiratory virus infections using carbon nanotube arrays-integrated microdevice	\$300,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI132971	The Role of Bet Hedging Strategies in Bacterial Adaptation	\$241,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI145881	Tertiary Lymphoid Organs in Transplantation	\$385,600
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI138782	Role of SIV and HIV Env cytoplasmic tail in pathogenesis and protective immunity	\$782,237
2019	THOMAS JEFFERSON UNIVERSITY	PA	F32AI129352	The role of skin-derived, migratory dendritic cells in ectromelia-infected mice	\$65,606
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI132349	Mechanisms by which cyanotriazoles activate latent HIV	\$186,848
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI145352	Modeling Human Rift Valley Fever Virus Disease using the Collaborative Cross Resource	\$234,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	TEMPLE UNIVERSITY	PA	R01AI143256	Synthetic rescue of antigen-driven T cells and alloimmunity	\$339,280
2019	MILTON S HERSHEY MEDICAL CENTER	PA	F31AI142997	Mechanisms of Cellular and Humoral Immune Evasion and Subsequent Polyomavirus Encephalitis	\$31,602
2019	DREXEL UNIVERSITY	PA	K01AI143356	Towards prevention of HIV among vulnerable and stigmatized populations using geospatial data	\$124,366
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI150251	Hologenomic basis of WNV vector competence in Culex tarsalis	\$578,533
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI143179	Function of virion-associated ICP4 in HSV-1 infection	\$195,625
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI116575	Analyzing Adult Pneumococcal Vaccination Implementation in the Underserved	\$313,000
2019	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$12,958,687
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$564,578
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI114587	In Vivo Detection And Mechanisms Of Regulatory B Cell Function In Transplantation	\$377,440
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI116794	Biomedical Computing and Informatics Strategies for Infectious Disease Research	\$475,263
2019	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI123392	Induction of allogeneic tolerance with bioengineered thymus organoids	\$370,336
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI114674	The Consequences of Reinfection with M. tuberculosis	\$730,762
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124429	Nucleoside modified mRNA based HIV vaccine	\$836,210
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$478,032
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI125050	Cadaveric Donor Lung and Bone Marrow Transplantation in Immunodeficiency Diseases	\$934,439
2019	UNIVERSITY OF PITTSBURGH	PA	P01AI108545	Synergies among inhibitory receptors in tolerance, cancer and antiviral immunity	\$2,188,670
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI131285	Comparison of Dendritic Cell-Based Therapeutic Vaccine Strategies for HIV Functional Cure	\$1,387,573
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125524	Splicing and Nuclear Transport of Influenza Virus mRNA	\$517,918
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$355,385
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI135435	Exploring the Role of RAG1 in Post-transcriptional Gene Regulation	\$264,000
2019	VENATORX PHARMACEUTICALS INC	PA	R44AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	\$1,000,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138564	Endogenous double-stranded RNA induced CNS damage in the absence of ADAR1 activity	\$244,250
2019	IVIEW THERAPEUTICS INC	PA	R43AI138660	In-situ gel of Povidone Iodine/Budesonide as Sustained Nasal Drug Delivery for the Treatment of Chronic Rhinosinusitis	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI136779	Regulatory Dendritic Cell Therapy in Live Donor Renal Transplant Recipients	\$887,145
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135361	Development of Rabies-based Virus-like Particles	\$234,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	K99AI137442	Investigation of subtelomeric gene families in Cryptosporidium	\$108,000
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130856	Mechanisms of increased Shiga toxin production by commensal E. coli	\$197,715
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI132460	Environmental adaptation by Vibrio cholerae	\$375,995
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139188	Genomics of S. Aureus Colonization after Initial and Recurrent Skin Infections and the Impact of Antibiotics	\$783,463
2019	UNIVERSITY OF PITTSBURGH	PA	R03AI144229	Generation of a ?humanized? CD28 mouse for in vivo studies of role of costimulation during Th17 development	\$70,114
2019	UNIVERSITY OF PENNSYLVANIA	PA	K01AI137317	Impact of donor bacterial infections on solid organ transplant recipient outcomes	\$133,677
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136626	Changes in Bone Quality, Sarcopenia and Fat Distribution in HIV/HCV Patients after HCV Therapy	\$794,282
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI141393	Training in Microbial Pathogenesis and Genomics	\$247,086
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI143790	Skin microbiome contributions to the pathogenesis of cutaneous leishmaniasis	\$720,639
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI129890	The Membrane Repair Channel TRPML1 Regulates Ebola Virus Budding	\$201,250
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$391,748
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI142162	Novel Mechanisms of c-Rel Dependent Thymic Regulatory T Cell Development	\$242,875
2019	HEPATITIS B FOUNDATION	PA	R13AI145204	2019 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$7,000
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI146796	T and B cell derived GM-CSF in EAE	\$234,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI131331	bNAbs induction by antigenically diverse V1V2 lineage specific SHIVs and SOSIPs	\$796,855
2019	LIGNAMED, LLC	PA	R42AI132012	IND enabling development of LGM2605 as adjuvant treatment for asthma	\$1,000,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	F31AI133871	The Environmental and Human Factors that Determine Ixodes scapularis-borne Diseases Incidence	\$45,016
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI140411	Allergic sensitization to Cannabis: Innovative diagnostic approaches	\$234,000
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI144400	Targeting RIPK3 in Flu-Associated Lung Injury	\$719,078
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI150590	Optimizing glycan shield coverage, germline B cell receptor binding and epitope diversity of V2-apex targeted HIV-1 Env immunogens	\$880,342
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$420,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$470,094

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2019	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$510,184
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$220,050
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$201,506
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$905,709
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI140111	A novel viral defense system	\$195,625
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	\$177,959
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI119346	Animal Model for Testing SIV Latency Reversal Strategies	\$734,167
2019	UNIVERSITY OF PITTSBURGH	PA	R37AI118841	Investigating How TLR7 Activates and TLR9 Regulates Systemic Autoimmunity	\$388,425
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI127670	Regulation of Hepatitis B Virus Capsid Assembly	\$385,840
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127271	Next Generation Missing Data Methods in HIV Research	\$640,357
2019	DREXEL UNIVERSITY	PA	R01AI114292	Multivalent chimeric subunit malaria vaccines	\$580,222
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138078	Unearthing phagocytic IgM+ plasma cells and their previously unrecognized roles in innate and adaptive immunity	\$241,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI130010	Diversity of TFH cells and DSA generation after kidney transplantation	\$717,584
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI127472	Enhanced Detection System for Healthcare-Associated Transmission of Infection	\$728,162
2019	UNIVERSITY OF PENNSYLVANIA	PA	F30AI129263	The Role of Tox in Regulating T Cell Exhaustion	\$32,068
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI135025	Mechanism, Function, and Exploitation of Influenza A Virus-Activated Cell Death	\$667,142
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$235,267
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135082	Biased agonism and conformational heterogeneity of beta adrenergic receptors in bronchodilation	\$194,250
2019	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI137652	Functions of histones and chromatin remodeling complexes in productive HSV-1 infection	\$58,207
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138052	Modular Domains of Host Proteins Regulate Filovirus Maturation	\$201,250
2019	UNIVERSITY OF PITTSBURGH	PA	K22AI127367	Quantitative control of macrophage signaling and inflammation thresholds	\$105,498
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137283	The role of mannitol metabolism in toxigenic Vibrio cholerae pathogenesis	\$201,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137433	Selective Whole Genome Amplification - Enabling Microbial Population Genomics	\$186,101
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI138504	Regulation of T cell activation and exhaustion by Tim-3	\$388,425
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R37AI053531	Picornavirus Genome Replication	\$597,741

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2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI137526	Bacterial Interference to Prevent Staphylococcus aureus Infection	\$430,030
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI142318	Role of novel host protein, C10orf99, in T cell homing to the large intestine	\$234,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120810	Studies of the precursor of the human AIDS virus in its natural chimpanzee host	\$672,633
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139890	The role of endothelial and T cells during infection of the vascular compartment	\$241,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI018289	Functions of HSV glycoproteins in virus entry and the humoral immune response	\$400,000
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI135091	Obesity dysregulates immune and metabolic status in asthma and alters infection susceptibility.	\$186,948
2019	UNIVERSITY OF PITTSBURGH	PA	R03AI144636	Characterization and suppression of resistance to new CRE agents	\$78,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125265	Resident Memory T cells in Leishmaniasis	\$402,500
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI146026	Promoter interactome-aided mapping of unexplored CVID genetic landscapes	\$606,348
2019	TEMPLE UNIVERSITY	PA	R01AI145034	CD4 T cell-targeted nanoparticle in vivo delivery of CRISPR/Cas9 genome editors for HIV cure	\$798,459
2019	UNIVERSITY OF PITTSBURGH	PA	F30AI147396	Nociceptors are Sufficient for Cutaneous Inflammation	\$50,016
2019	UNIVERSITY OF PITTSBURGH	PA	R56AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$467,658
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI145064	B cell population structure in mouse and man	\$386,730
2019	UNIVERSITY OF PITTSBURGH	PA	F31AI147638	Investigating a disintegrin and metalloproteinase-mediated Neuropilin 1 cleavage in autoimmune diabetes	\$45,016
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI143661	Elucidating Lymphocyte Allelic Exclusion Mechanisms and Functions	\$440,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$365,709
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI043603	Murine Memory B Cell Development and Function	\$577,514
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI122749	Antiviral immunity in the gut: how the intestinal epithelium and microbiota regulate infection	\$394,288
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular mechanisms of eastern equine encephalitis virus pathogenesis	\$505,741
2019	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$2,942,898
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$381,220
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120821	Rapid Immune Restoration and Lung Injury in HIV/TB	\$664,038
2019	UNIVERSITY OF PENNSYLVANIA	PA	K23AI121485	Longitudinal analysis of respiratory tract microbiome change and sequence-based infection diagnosis during mechanical ventilation	\$195,696

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2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121015	Virulence mechanisms in the emerging pathogen <i>Kingella kingae</i>	\$420,000
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127389	Migration and function of cutaneous B cells	\$312,000
2019	DREXEL UNIVERSITY	PA	R01AI128815	Bifunctional Chimeras Targeting Both HIV-1 Env and Host Cell Co-receptors	\$200,000
2019	UNIVERSITY OF PITTSBURGH	PA	K08AI114883	Casposfungin pharmacokinetics-pharmacodynamics during intra-ADBOMINAL candidiasis	\$181,038
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134384	Tuning big data analysis infrastructure for HIV research	\$691,343
2019	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131338	Immunological Strategies to Modulate SIV Rebound Following ART Interruption	\$1,541,832
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI132758	Mechanisms and promotion of immune regulation by CD4+ regulatory T cells within allografts	\$383,098
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI129661	Optimization HIV Inhibition by Allosteric Integrase Inhibitors	\$434,303
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123341	Mechanisms Governing Translational Regulation During Plasmodium Transmission	\$386,189
2019	WISTAR INSTITUTE	PA	UM1AI126620	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	\$4,589,036
2019	CARNEGIE-MELLON UNIVERSITY	PA	R21AI126222	REGULATION OF mRNA TRANSLATION IN CANDIDA ALBICANS DURING INFECTION OF A MAMMALIAN HOST	\$234,425
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI139706	Textured Polyphosphazene Biomaterial with Improved Hemocompatibility	\$192,326
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI137062	Defective Viral genomes in RSV pathogenesis	\$453,929
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI130967	Persistent rubella in immune deficient patients	\$215,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI135421	Novel role of CARD19 in cell death and anti-bacterial host defense	\$201,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139240	The clinical and molecular epidemiology of colistin-resistant carbapenem-resistant Enterobacteriaceae (CRE) in long-term acute care hospitals (LTACHs)	\$745,067
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI135359	The Role of Post-translational Modifier PRMT5 in Regulatory T cell Development and Function	\$241,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI140539	Defining the functional interface between the ER and flaviviruses	\$614,278
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135367	Illuminating metabolic pathways enabled by early T cell activation	\$198,785
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI139576	Molecular mechanisms of Toxoplasma-placenta interactions	\$195,625
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134862	Mechanisms of DDO Adjuvancy	\$470,508
2019	VENATORX PHARMACEUTICALS INC	PA	R01AI136805	Establishing a Gram-Negative Permeation Rule Set Leveraging a Unique Small Molecule Library	\$1,237,778
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI137173	Membrane trafficking in innate immunity to bacterial pathogens	\$430,000

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2019	DREXEL UNIVERSITY	PA	R03AI139727	Role of Gestational Age in T-Cell Receptor (TCR) Repertoire Development and Response to Infant Respiratory Viral Infection	\$78,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144572	Using transgenic parasitic nematodes to investigate Type 2 immunity	\$241,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI139544	Role of the ADAR1-mediated RNA editing ? RNA sensing axis in sterile inflammation	\$380,798
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144732	TET2 Regulation of CD8 T cell differentiation During Chronic Viral Infection	\$241,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R13AI145007	23rd Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$7,500
2019	MAGEE-WOMENS HEALTH CORPORATION	PA	R61AI142687	Long Acting Film Technology for Contraception and HIV Prevention (LATCH)	\$1,350,893
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI144390	Candida albicans regulatory pathways contributing to intra-abdominal candidiasis	\$232,950
2019	WISTAR INSTITUTE	PA	R21AI143385	Host Glycomic Determinants of HIV Persistence in vivo	\$267,900
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$407,300
2019	CARNEGIE-MELLON UNIVERSITY	PA	R21AI137464	C. ALBICANS HYPHAL CELL WALL STRESS RESPONSE	\$187,292
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI146129	An immune system for the city: a new paradigm for control of urban disease vectors	\$711,332
2019	TEMPLE UNIVERSITY	PA	R21AI142278	Anti-inflammatory bioactive lipids exacerbating Staphylococcus aureus infection post influenza	\$237,750
2019	UNIVERSITY OF PITTSBURGH	PA	R56AI139327	Understanding and countering mechanisms underlying IL-33-driven support of graft-vs. host disease	\$372,382
2019	UNIVERSITY OF PITTSBURGH	PA	F31AI140529	Elucidating the mechanisms driving stage conversion in Toxoplasma gondii and Hammondia hammondi	\$30,717
2019	VIRONIKA LLC	PA	R43AI142976	Development of a Small Molecule Inhibitor to Eradicate HSV Latent Infection in Neurons	\$300,000
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI122640	Molecular studies of VZV infection, latency and reactivation in human neurons in-vitro	\$462,345
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$395,507
2019	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$5,656,261
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	\$846,570
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$453,377
2019	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI120249	Film Antiretroviral Microbicide Evaluation	\$2,745,240
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI130022	Hepatitis B virus cccDNA	\$457,500
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI111815	The Impact of Pre-existing SIV on Host Immunity to M tuberculosis in Macaques	\$740,051

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2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI124386	Mechanisms of GM-CSF effect in CNS autoimmune demyelination	\$390,000
2019	UNIVERSITY OF PITTSBURGH	PA	K08AI119448	Immune Correlates of Protection form Rift Valley Fever Virus	\$175,111
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$650,124
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123241	Class IIa HDAC and MEF2 Targeting to Promote Foxp3 + Treg Cell Functions	\$420,000
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128201	Gene delivery for Anopheles mosquitoes	\$381,525
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI133351	Novel antimicrobial agents to overcome antibiotic resistant Pseudomonas and MRSA respiratory infection	\$526,238
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123738	Cytokine regulation of T follicular helper (Tfh) cell biology	\$402,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123173	Physiological roles of schistosome TRP ion channels with atypical pharmacology	\$402,500
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123272	Development of a single-dose rabies virus vaccine	\$390,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI130115	Treating chronic viral infection by epigenetic reprogramming of exhausted CD8 T cells	\$545,617
2019	CARNEGIE-MELLON UNIVERSITY	PA	R21AI135178	GENETIC MANIPULATION OF DIVERSE CANDIDA ALBICANS ISOLATES	\$231,211
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI130665	Are schistosome micro-exon genes (MEGs) upregulated as an immune evasion response to the antischistosomal drug praziquantel?	\$201,250
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135406	Determining the proteomic differences that define CD8+ memory T cell recall response	\$231,925
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136945	Regulating Leukocyte Migration in Inflammation	\$402,500
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI137652	Functions of histones and chromatin remodeling complexes in productive HSV-1 infection	\$176,543
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135027	Blimp-1-mediated Th2 cell development in the lung impacting allergic airway inflammation	\$222,885
2019	FREEFLOW MEDICAL DEVICES LLC	PA	R43AI136573	Omniphobic Coating to Prevent Central Line Catheter Infections	\$0
2019	CARNEGIE-MELLON UNIVERSITY	PA	R01AI134911	Carbon nanotube integrated microdevice for next generation sequencing based virus discovery	\$506,704
2019	VIRONIKA LLC	PA	R43AI141135	Small Molecule Targeting of Viral Non-Coding RNA EBER1 to Detect and Treat Latent EBV	\$300,000
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI142049	Mechanisms of ceftazidime-avibactam susceptibility and resistance among Enterobacteriaceae expressing variant KPCs	\$232,558
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121321	Adenovirus manipulation of cellular chromatin to overcome host responses	\$542,364
2019	TEMPLE UNIVERSITY	PA	R01AI132852	Multipurpose targeted nano-antibiotic therapy to fight tough infection in bones	\$396,250
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI144422	Structure, Function and Mechanistic Analysis of LAG3	\$726,102

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2019	CARNEGIE-MELLON UNIVERSITY	PA	R21AI144878	Carbon Regulation of Virulence in Oropharyngeal Candidiasis	\$243,094
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139982	Outer Membrane Vesicle (OMV) Production by Salmonella PhoPQ and Inflammasome Activation	\$241,500
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI141938	Age-Associated B cells in Autoimmune Lupus	\$191,020
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139618	A vaccine for genital herpes that achieves sterilizing immunity	\$818,356
2019	UNIVERSITY OF PITTSBURGH	PA	T32AI138954	University of Pittsburgh Training Program in Antimicrobial Resistance	\$90,228
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI146101	Development of Universal Influenza Virus Vaccines Using Nucleoside-Modified Messenger RNA	\$640,818
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050529	Exploiting the antigenic conservation of the Env trimer apex across primate lentiviral lineages for AIDS vaccine design	\$800,558
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI125338	PPAR-delta as a Novel Therapeutic Target in Asthma	\$391,250
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$452,369
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI135412	Modeling Staphylococcus aureus infection and pathogenesis in humanized mice	\$234,750
2019	UNIVERSITY OF PITTSBURGH	PA	F31AI147440	Engagement of Glycosaminoglycans during Chikungunya Virus Infection	\$42,108
2019	INSTITUTE FOR CANCER RESEARCH	PA	R21AI142114	A New IFN- γ Activated Cell Death Pathway in Salmonella-infected Non-Phagocytic Cells	\$228,750
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI142354	Mechanisms of neutrophil dysfunction in antifungal immunity	\$476,472
2019	TEMPLE UNIVERSITY	PA	R56AI143647	Bimodal gene editing strategy for HIV/AIDS cure in non-human primates	\$747,950
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$377,418
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	\$418,496
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI116983	Molecular mechanisms used by Chlamydia trachomatis to manipulate membrane fusion	\$390,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$2,177,593
2019	WISTAR INSTITUTE	PA	U19AI109646	Synthetic DNA & Novel Env Vaccine for HIV	\$3,351,099
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI114515	Mechanisms of ubiquitin pathway activation and function	\$420,000
2019	INSTITUTE FOR CANCER RESEARCH	PA	R01AI113320	Mechanisms regulating the B lymphopoiesis fetal/adult switch	\$457,500
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119069	Targeting RIP1-mediated pathways for immune homeostasis and tolerance	\$390,000
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123521	Regulation of B cells by Selenium	\$393,000
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$721,175

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2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI125650	The Role of the De-condensed Structure of Nascent Chromatin During T Cell Differentiation	\$653,648
2019	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$194,318
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$385,000
2019	DREXEL UNIVERSITY	PA	R01AI132508	Molecular Pathways Affected by Drugs that Disrupt Na + Homeostasis in Malaria Parasites	\$588,304
2019	DREXEL UNIVERSITY	PA	U19AI128910	Integrative Omics of HepB Vaccine Response in Co-Infection with Parasites	\$768,783
2019	UNIVERSITY OF PITTSBURGH	PA	K08AI127933	Mechanism and Consequences of Temporal Gene Expression for SOS-induced Mutagenesis	\$188,892
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127798	Sexual Development of Cryptosporidium	\$375,000
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI038296	Molecular Basis of Reovirus Pathogenesis	\$447,397
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI125513	Akt controls alternative splicing in T helper cell fate decisions	\$388,425
2019	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI122301	Development of a urine-based point-of-care test for adherence to antiretroviral drugs	\$262,312
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI138152	Detoxification of Luminal Endotoxin by Gut Microbiota	\$186,949
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI138716	Replication Competent HIV-1 in Blood and Tissues	\$232,999
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI140443	Viral genetic correlates of invasive neonatal HSV disease	\$200,051
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI140442	MERS coronavirus: antagonism of double-stranded RNA induced host response by accessory proteins	\$447,387
2019	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI138630	Development of Small Molecule Therapeutics Targeting Hemorrhagic Fever Viruses	\$297,435
2019	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$3,366,355
2019	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI139828	Development of a Regulatory T Cell Mimetic for Tolerance Induction in Skin Transplantation	\$186,863
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI143564	Unveiling the chromosomal address of intact HIV clones to provide insights into persistence	\$251,788
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120489	ROS responses during Vibrio cholerae infection	\$465,215
2019	DREXEL UNIVERSITY	PA	F31AI136385	Investigating How VanS Induces Vancomycin Resistance Genes: Vancomycin Sensing and Signal Transduction	\$44,524
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$400,000
2019	VENATORX PHARMACEUTICALS INC	PA	R44AI118115	Advancement of antiviral inhibitors of chikungunya virus	\$1,000,000
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI147017	Immunity to Live Mosquito Probing and Flavivirus Infection in Human Skin	\$210,550
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI147587	Investigating the role of ubiquitination in regulating viral RNA processing during Adenovirus infection	\$63,746

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2019	TEMPLE UNIVERSITY	PA	R01AI141501	Immune activating syncytiotrophoblast microvesicles and danger associated molecular patterns in preeclampsia risk	\$635,089
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118896	Differential modulation of RIG-I and cGAS signaling by OASL and its role in antiviral response.	\$400,401
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI145828	Innate immune signaling in placental antiviral defenses	\$712,831
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$427,974
2019	UNIVERSITY OF PENNSYLVANIA	PA	F31AI147415	Investigating the Antiviral Role of STING During Enteric RNA Virus Infection in Drosophila	\$45,016
2019	ABZYME THERAPEUTICS LLC	PA	R43AI151635	Pemphigus-specific T cell engagers for pemphigus targeted immunotherapy	\$280,352
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI145905	Origin and Life Cycle of the Uterine Natural Killer Cell: Novel Insights from Human Uterus Transplantation	\$412,771
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$385,859
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$506,425
2019	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$3,512,603
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$225,003
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$445,815
2019	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$265,996
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B cells in the pathogenesis of allograft rejection	\$391,250
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118861	Innate immune-mediated control of pulmonary Legionella pneumophila infection	\$400,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091627	Notch Signaling in Alloimmunity	\$401,903
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI116276	Visualization of in vivo HIV-1 vaginal transmission in the presence and absence of PrEP	\$553,221
2019	UNIVERSITY OF PITTSBURGH	PA	R56AI081759	Enterovirus Infection of Polarized Intestinal Cells	\$382,666
2019	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$971,785
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI118195	PET Probes Targeting Immune Cells for Imaging Tuberculosis	\$692,236
2019	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI104844	Therapeutic targeting of malarial placental cytoadherence	\$478,779
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118549	Targeting 5' leader-encoded defective ribosomal products for HIV T cell vaccines	\$706,916
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$381,971
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI125565	Dissecting the role of ApiAP2 proteins in transcriptional regulation during Plasmodium falciparum development	\$382,196
2019	Evrys Bio, LLC	PA	R44AI122488	SIRTUIN AGONISTS AS PAN INFLUENZA ANTIVIRALS	\$1,000,000
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$335,983

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2019	UNIVERSITY OF PENNSYLVANIA	PA	U19AI131130	Engineering a human brain organoid-based platform to study neurotropic viruses	\$1,524,227
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134879	Defining the impact of pre-existing memory T cells in human immunity	\$523,802
2019	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$3,667,379
2019	UNIVERSITY OF PITTSBURGH	PA	F31AI136251	Cis- and Trans-Acting Requirements for HSV-1 Late Gene Transcription	\$45,016
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI130815	Oligonucleotides for Targeted Viral Capsid Protein Destruction	\$190,387
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI134594	Point of Care Molecular Detection of Vector-Borne Pathogens	\$201,250
2019	DREXEL UNIVERSITY	PA	R21AI136570	Exploring how engineered vancomycin dimers target vancomycin-resistant enterococci (VRE)	\$193,131
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139060	Targeting mosquito complement to alter the specificity of the innate immune response	\$402,500
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI142572	Phylogeographic dynamics of tick-borne pathogens	\$466,974
2019	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135601	P7C3 as a novel immunomodulator for CNS autoimmunity	\$195,000
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI131238	The Role of IL-II in the development of autoimmune response in multiple sclerosis	\$389,850
2019	UNIVERSITY OF PITTSBURGH	PA	P01AI129880	Role of TIM Molecules in Regulatory and Inflammatory B cells in Allo and Autoimmunity	\$1,870,681
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI141110	Defining the MHC-II processing and presentation landscape of HIV-1	\$215,000
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139895	Novel role of DC1 in vaccine induced CD8 T cell responses	\$241,500
2019	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$420,000
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI144081	How chlamydia generates cytoskeletal scaffolds and their role during infection	\$390,000
2019	THOMAS JEFFERSON UNIVERSITY	PA	R01AI139202	Discovery of Gram-negative permeable chemical probes for tRNA methylation	\$495,998
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139102	Defining the mechanism and functions of RIPK1-induced cell death in anti-bacterial immune defense	\$541,105
2019	UNIVERSITY OF PENNSYLVANIA	PA	R21AI144838	Extracellular vesicle-associated MAVS and IFN γ in Dermatomyositis	\$241,500
2019	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI143758	Experimental evolution of Wolbachia-mediated dengue virus blocking in the mosquito, Aedes aegypti	\$394,903
2019	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI144288	University of Pennsylvania Clinical Autoimmunity Center of Excellence	\$235,009
2019	UNIVERSITY OF PENNSYLVANIA	PA	K01AI139284	Control and Prevention of Zoonotic Epidemics in Cities: A Socio-Spatial Approach	\$132,561

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2019	CLEU Diagnostics, LLC	PA	R43AI142886	Rapid electrochemical biosensor for point-of-care diagnosis of joint infection	\$224,925
2019	CARNEGIE-MELLON UNIVERSITY	PA	R01AI139077	Deciphering the Role of Rgg in the Pneumococcal Signaling, Colonization and Virulence Portfolio	\$337,831
2019	UNIVERSITY OF PITTSBURGH	PA	R01AI148690	Placental extracellular vesicles as regulators of maternal adaptive immunity	\$541,158
2019	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134834	Gene regulation from the inactive X in activated B cells	\$505,681
2019	VENATORX PHARMACEUTICALS INC	PA	R44AI109879	Advancement to IND of novel BLI for pairing with cefixime	\$1,000,000
2019	UNIVERSITY OF PITTSBURGH	PA	R21AI142051	Defining the role of the mucosal immune response and microbiota in enteropathy-driven oral vaccine failure	\$186,585
2019	UNIVERSITY OF PITTSBURGH	PA	R03AI144439	IL-17-dependent RNA binding proteins in immunity to mucosal candidiasis	\$72,837
2019	UNIVERSITY OF PENNSYLVANIA	PA	F31AI143387	Investigating the MHC Class II-Restricted Processing Landscape of HIV-1 Antigens	\$45,016
2019	UNIVERSITY OF PENNSYLVANIA	PA	R61AI147406	Nanomagnetic isolation and sensing for mobile HIV-1 self-testing	\$462,584
2019	UNIVERSITY OF PUERTO RICO	PR	R01AI122935	Optimization of HIV glycoproteins as vaccine candidates	\$1,411,724
2019	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$1,416,111
2019	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$618,272
2019	RHODE ISLAND HOSPITAL	RI	R01AI116629	Use of Biomimicry to Determine the Effect of Sepsis on Neutrophil Traction	\$408,754
2019	BROWN UNIVERSITY	RI	R01AI123400	Studies of the antibacterial activity of and resistance to molecules targeting the ClpP peptidase	\$631,269
2019	BROWN UNIVERSITY	RI	R01AI139190	Identification & Evaluation of Novel Malaria Anti-Gametocyte Transmission Blocking Vaccine Candidate Antigens	\$525,425
2019	BROWN UNIVERSITY	RI	R25AI140490	Emerging Infectious Disease Scholars at Brown University	\$308,566
2019	PROTHERA BIOLOGICS LLC	RI	R44AI141283	Rapid Test to Assist Therapy in Neonatal Sepsis and Necrotizing Enterocolitis	\$1,000,000
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145008	2019 Tuberculosis Drug Discovery and Development GRC: Shortening the Duration of Tuberculosis Chemotherapy and GRS	\$6,000
2019	BROWN UNIVERSITY	RI	R01AI108441	Optimizing HIV Treatment Monitoring under Resource Constraints	\$663,842
2019	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$153,236
2019	BROWN UNIVERSITY	RI	R01AI127699	Tfh responses to novel vaccine candidates and protection from pediatric falciparum malaria	\$664,076
2019	GORDON RESEARCH CONFERENCES	RI	R13AI142722	2019 Antimicrobial Peptides GRC/GRS	\$23,000

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2019	MIRIAM HOSPITAL (THE)	RI	K24AI134359	HIV Drug Resistance, Monitoring and Transmission	\$139,149
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145258	2019 Multi-Drug Efflux Systems GRC/GRS	\$7,500
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145227	2019 Microbial Adhesion and Signal Transduction GRC/GRS	\$7,500
2019	GORDON RESEARCH CONFERENCES	RI	R13AI147361	2019 Malaria Gordon Research Conference and Gordon Research Seminar	\$6,000
2019	MIRIAM HOSPITAL (THE)	RI	R01AI147333	Addressing HIV drug resistance research gaps in a cohort of perinatally infected Kenyan children and adolescents	\$733,086
2019	RHODE ISLAND HOSPITAL	RI	K24AI119158	Midcareer Investigator Award in Patient-Oriented Research	\$177,221
2019	RHODE ISLAND HOSPITAL	RI	R01AI116639	Hepatitis B virus vaccine escape mutants	\$362,250
2019	GORDON RESEARCH CONFERENCES	RI	R13AI143196	2019 Physical Virology Gordon Research Conferences and Gordon Research Seminars	\$9,000
2019	MIRIAM HOSPITAL (THE)	RI	R01AI136058	Real Time Phylogeny and Contact Tracing to Disrupt HIV Transmission	\$691,359
2019	GORDON RESEARCH CONFERENCES	RI	R13AI142797	2019 Immunology of Fungal Infections Gordon Research Conference & Gordon Research Seminar	\$7,500
2019	BROWN UNIVERSITY	RI	R01AI141893	Genetic Regulation of Heritable Switching in Candida albicans	\$547,659
2019	RHODE ISLAND HOSPITAL	RI	R13AI147574	52nd Annual Meeting of the Society for Leukocyte Biology (SLB)	\$12,000
2019	BROWN UNIVERSITY	RI	F31AI143163	The role of the subpellicular microtubule array in Trypanosoma brucei cytokinesis	\$45,016
2019	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$133,839
2019	BROWN UNIVERSITY	RI	R01AI122217	Regulation of MCMV Persistence by Natural Killer Cells	\$481,861
2019	BROWN UNIVERSITY	RI	R01AI137410	Impacts of Environment, Host Genetics and Antigen Diversity on Malaria Vaccine Efficacy	\$704,464
2019	BROWN UNIVERSITY	RI	R21AI139592	Defining the Roles of Perseverance and Heteroresistance in Persistent Human Fungal Infections	\$203,125
2019	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$1,890,839
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145089	2019 Carbohydrates Gordon Research Conference and Gordon Research Seminar	\$10,000
2019	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$406,250
2019	UNIVERSITY OF RHODE ISLAND	RI	R21AI135618	Influenza vaccine immunity shaped by human-like influenza epitopes	\$230,250
2019	GORDON RESEARCH CONFERENCES	RI	R13AI147423	2019 Staphylococcal Diseases GRC/GRS	\$8,500
2019	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$2,524,686
2019	EPIVAX, INC	RI	R01AI132205	Structure-Guided Design of CD4 T cell Memory-Enhanced rHA H7N9 Influenza Vaccine	\$1,148,204

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2019	BROWN UNIVERSITY	RI	R21AI131047	PfCDPK5 based vaccines for pediatric malaria	\$203,125
2019	UNIVERSITY OF RHODE ISLAND	RI	R01AI139473	Novel adjuvant to boost humoral and cellular immune responses against influenza	\$410,303
2019	BROWN UNIVERSITY	RI	R21AI135228	Defining the Role of Prion-Like Domains in a C. albicans Transcription Factor Network	\$243,750
2019	GORDON RESEARCH CONFERENCES	RI	R13AI142711	2019 Tropical Infectious Diseases	\$5,000
2019	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$395,389
2019	BROWN UNIVERSITY	RI	R01AI112953	The role of polo-like kinase in the duplication of the trypanosome cytoskeleton	\$400,256
2019	BROWN UNIVERSITY	RI	R01AI139520	Tracking the flow of malaria parasites and drug resistance within the DRC and across its borders	\$732,712
2019	RHODE ISLAND HOSPITAL	RI	R21AI142456	Entry and post entry effect of NTCP receptor on HBV life cycle	\$201,250
2019	GORDON RESEARCH CONFERENCES	RI	R13AI143195	2019 Neuroimmune Communication in Health and Disease?, which will be held in Ventura, CA on January 13-18, 2019.	\$18,000
2019	GORDON RESEARCH CONFERENCES	RI	R13AI145244	2019 Phagocytes: Phagocyte Functions Through Life: Development, Defense and Disease GRS/GRC	\$18,000
2019	RHODE ISLAND HOSPITAL	RI	R01AI141522	Mechanism and activity of beta-lactam resistant enzymes in E. faecium and E. faecalis	\$777,570
2019	MIRIAM HOSPITAL (THE)	RI	R21AI138812	Pilot Study to Monitor HIV Cluster Dynamics and Active HIV sub-Epidemics in Real Time	\$146,000
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI107123	Biogenesis of the Poxvirus Membrane	\$373,750
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125159	A Phase II Controlled Trial of Allogeneic Mesenchymal Stem Cells for the Treatment of Refractory Lupus	\$707,818
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI138511	Role of microbiota-TLR7/8 Interaction in systemic lupus erythematosus	\$686,159
2019	NUBAD LLC	SC	R41AI142856	Aminoglycosides with reduced ototoxicity via miRNA targeting	\$357,228
2019	FIRSTSTRING RESEARCH INC	SC	R43AI142887	Evaluation of a Novel Connexin-Based Peptide in the Treatment of Combined Ionizing Radiation and Thermal Burn Injury	\$300,000
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125859	Extrinsic and intrinsic factors regulating commensal-specific T helper-17 cells	\$484,951
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R03AI135614	Flexible biomarker evaluation through a cost-effective data collection mechanism	\$73,250
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI118305	MicroRNA Regulates Graft-versus-Host Disease	\$364,240
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI136339	Contribution of X-linked TLR-Gut microbiota interaction to Juvenile Onset of Systemic Autoimmunity	\$373,750

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2019	UNIVERSITY OF SOUTH CAROLINA	SC	K22AI136686	A Solid-State Nanopore Biosensor for Rapid Detection of Mycobacterium tuberculosis Antigens in Pediatric Blood Samples	\$158,800
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI128864	On the pathogenic role of anti-CD4 antibody in poor CD4+ T cell recovery after antiretroviral therapy in HIV disease	\$254,764
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	T32AI132164	Program in Immunology Research and Entrepreneurship (PIRE)	\$266,639
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI132894	Graft-targeted anti-complement therapy to reduce cardiac graft injury and allograft vasculopathy	\$373,750
2019	CLEMSON UNIVERSITY	SC	T35AI134643	MENTOR: Medical Enrichment Through Opportunities in Research	\$26,114
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI123947	AhR ligands in epigenetic dysregulation of T cells	\$333,750
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI142079	Modulating endothelial cell immunometabolism and mitochondrial morphology- implications for organ transplantation	\$373,750
2019	CLEMSON UNIVERSITY	SC	R15AI137979	Targeting flagellar motility in the treatment of kinetoplastid diseases	\$436,676
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K23AI125607	Asymptomatic Colonization and Transmission of Clostridium difficile in Solid Organ Transplant Patients	\$200,372
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI139603	Exploring the Role of Ovary MicroRNAs in Mosquito Reproduction	\$164,867
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI127203	Big Data analytics of HIV treatment gaps in South Carolina: Identification and prediction	\$633,579
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI134698	Role of Vitamin D Metabolism in CRS	\$429,866
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI142409	Mechanism of MHC heterozygote advantage during anti-commensal germinal center B cell selection	\$223,500
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$157,476
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI129411	Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis	\$1,180,603
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI136531	Ceramide Synthesis as a Potential Target for Control of GVHD	\$186,875
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI077283	Molecular chaperones and immune tolerance	\$373,750
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K08AI121348	Elucidating Mechanisms of Treatment Relapse for Interferon-Free HCV Therapy	\$199,314
2019	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI142387	Rationally combining oncolytic virotherapy and TIM3 blockade	\$186,875
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI129788	Epigenetic Mechanisms of T Cell Dysregulation in PTSD	\$470,863
2019	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI120987	Metallopolymer and Antibiotic Bioconjugates against Multidrug Resistant Bacteria	\$361,600

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2019	CLEMSON UNIVERSITY	SC	K22AI134677	Defining and harnessing macrophage pathways for Aspergillus clearance in vivo	\$160,320
2019	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI141889	Influenza D Virus Entry and Tissue Tropism	\$524,376
2019	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI140037	The Fst proteins of Enterococcus faecalis: paradigms for the study of Type I toxin-antitoxin system toxin function	\$183,750
2019	UNIVERSITY OF SOUTH DAKOTA	SD	R03AI142593	Role of Prophage in S. pyogenes Gene regulation	\$73,500
2019	SAB BIOTHERAPEUTICS, INC.	SD	R44AI142905	Advancing a Candidate Human Polyclonal Anti-Thymocyte Globulin Product Produced in Transchromosomal Bovine for Transplant Induction/Acute Rejection and T1D Therapy	\$1,199,605
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$557,036
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$394,478
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$2,941,559
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$445,248
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	\$50,016
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI125642	Risk Stratification and Decision Support to Improve Care and Outcomes in Children with Pneumonia	\$773,522
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI123322	Establishment, maintenance, and consequences of asymmetric cell division in T cells	\$448,750
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI130459	Antigenic landscape of the human helminth IgE antibody response	\$361,573
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI122563	Mechanisms of noncytolytic reovirus egress	\$50,016
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI127942	Sulfonylureas as repurposed agents against vulvovaginal candidiasis	\$190,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U19AI142762	Center of Excellence for Encephalitic Alphavirus Therapeutics	\$3,723,013
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R56AI076121	Biochemistry and Biophysics of Capsid Function in HIV-1 Infection	\$471,625
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI142042	The Macrophage Reverse Transsulfuration Pathway: A Novel Mediator of Helicobacter pylori Immunopathogenesis	\$255,000
2019	UNIVERSITY OF TENNESSEE	TN	R13AI147690	23rd Biennial Evergreen International Phage Meeting	\$7,000
2019	VANDERBILT UNIVERSITY	TN	F31AI143244	Elucidating the mechanisms of transient polymyxin resistance in pathogenic E. coli.	\$29,710
2019	IDBiologics, Inc.	TN	R41AI140945	Fully Human Antibodies for the Prevention of Respiratory Syncytial Virus	\$300,000
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$394,304

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2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	T32AI106700	Training in the Design and Development of Infectious Disease Therapeutics	\$199,168
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI132004	High vs. Standard Dose Flu Vaccine in Adult Stem Cell Transplant Recipients	\$738,858
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI132117	Structure-Based Design of a Broadly Protective Group A Streptococcal Vaccine	\$872,121
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI120790	Predictors of treatment toxicity, failure, and relapse in HIV-related tuberculosis	\$641,929
2019	VANDERBILT UNIVERSITY	TN	R01AI135937	A 100-fold more sensitive TB diagnostic based on magnetic concentration and "coffee ring" formation	\$326,664
2019	VANDERBILT UNIVERSITY	TN	F30AI138424	The impact of host hypoxic signaling on antibacterial immunity and bone repair during Staphylococcus aureus osteomyelitis	\$29,696
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI139388	Systematic Functional Analysis of the Aspergillus fumigatus kinome	\$190,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI137812	TRIMing Flavivirus Infection by a Host-encoded E3 Ligase	\$190,000
2019	VANDERBILT UNIVERSITY	TN	R21AI138157	Identification of Carbon Dioxide Mimics for Effective Trapping of Malaria Vector Mosquitoes	\$196,190
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI134796	Candidalysin: a key mediator of Candida vaginitis immunopathology	\$380,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI141829	Targeted and forward genetic approaches to decipher the pathogenesis of symptomatic vulvovaginal candidiasis	\$190,000
2019	VANDERBILT UNIVERSITY	TN	F32AI140694	The mechanistic basis of how symbionts assist vector control	\$61,226
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI140766	Effects of obesity on the dynamics of Influenza transmission	\$769,323
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI145877	Pathogenic role of innate immune cells in lupus nephritis	\$0
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI147765	Immunogenetic predictors of active and incipient TB in HIV-negative and -positive close TB contacts	\$726,648
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI150514	Nutrient sensing and lysosomal signaling in regulatory T cells and immune tolerance	\$448,750
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$798,307
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$448,750
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI129229	Roles of replication fidelity in viral RNA synthesis, population diversity, and overall fitness of coronaviruses	\$29,684
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI117905	Structure based design of antibodies and vaccines	\$2,688,754
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI139012	Mitochondrial-Nuclear Genetic Interactions in Spontaneous HCV Clearance	\$205,450
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$439,600

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2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI138581	Molecular mapping of microbial communities at the host-pathogen interface by multi-modal 3-dimensional imaging mass spectrometry	\$562,232
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI145265	PGI2 augments Treg function	\$535,602
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$509,335
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI147768	Multivalent nanoparticle platforms for elicitation of broadly neutralizing HIV-1 antibodies	\$212,500
2019	MEHARRY MEDICAL COLLEGE	TN	R01AI136740	Role of the Viral Capsid in HIV-1 Integration	\$376,825
2019	VANDERBILT UNIVERSITY	TN	F31AI143152	The mechanistic basis of Wolbachia-induced male killing	\$29,376
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI150241	Bidirectional metabolic signaling in follicular helper T cell differentiation	\$536,278
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$394,826
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$1,686,006
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$721,808
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$634,135
2019	MEHARRY MEDICAL COLLEGE	TN	R01AI125662	Structure and function of the Trypanosome TIM complex	\$363,750
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$448,750
2019	MEMPHIS STATE UNIVERSITY	TN	R01AI121226	Does epigenetic methylation explain the gender-switch in adolescent asthma?	\$615,176
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI132560	The impact of hypoxia on Staphylococcus aureus metabolism and virulence during osteomyelitis	\$376,701
2019	VANDERBILT UNIVERSITY	TN	R21AI133522	Wolbachia Genes that Mediate Male Killing	\$196,130
2019	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI114748	Gender difference in miRNA-mediated T cell aging during viral infection	\$461,200
2019	IMMUNO TECHNOLOGIES, INC.	TN	R43AI136551	Point of care assay for serodiagnosis of Leptospirosis	\$300,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI137255	Targeting Siglec-9/E for therapy of sepsis	\$380,000
2019	VANDERBILT UNIVERSITY	TN	R01AI127422	Mechanisms of antibiotic resistance development in bacterial pathogens	\$392,500
2019	UNIVERSITY OF TENNESSEE	TN	R15AI144683	Novel Cytomegalovirus' Chemokines Contribute to Innate Immune Cell Viral Dissemination	\$429,954
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI125481	Eosinophils as Regulators of Host Immunity against Influenza Infections	\$384,154
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI143005	The Effect of PGI2 on T regulatory Cell Function in Allergic Disease	\$61,226
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI144616	DIVINCI: Dissection of Influenza Vaccination and Infection for Childhood Immunity	\$5,000,729

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2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI142129	Role of TLR4 in persistent Leptospira infection	\$228,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$416,764
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$472,340
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$394,304
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI139088	Predictive Modeling of Influenza-Pneumococcal Coinfection	\$380,000
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,380,535
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI107052	Two-component system interactions as uropathogenic Escherichia coli drug targets	\$394,304
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$424,810
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI132581	The Genetic Basis of Cytoplasmic Incompatibility	\$392,380
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI135254	Do they or don't they: astrovirus-induced diarrhea	\$359,000
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131771	Statistical methods for correlated outcome and covariate errors in studies of HIV/AIDS	\$498,218
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI129950	Design of immunogens for elicitation of neutralizing antibody responses against Zika virus	\$237,000
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI140761	Hippo signaling in stable regulatory activity and immune tolerance	\$448,750
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI138492	Regulation of microglial induced inflammation by non-canonical autophagy	\$61,610
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$445,000
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R33AI127607	Broad spectrum antifungals targeting fatty acid biosynthesis	\$579,934
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI141621	Pneumococcal dynamics in the conjugate vaccine era: Addressing unanswered questions	\$185,177
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI143710	The effectiveness of RSV immunoprophylaxis on the short- and long- term respiratory morbidity in children with Down syndrome	\$518,933
2019	UNIVERSITY OF TENNESSEE	TN	R21AI142862	Impact of metabolic regulation on viral neuro-virulence	\$220,500
2019	MEMPHIS STATE UNIVERSITY	TN	R03AI128227	Joint patterns of multi-genetic/epigenetic factors via non-parametric clustering and their association with allergic disease	\$69,485
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI146698	Rotavirus Outer Capsid Functions in Neutralization	\$212,500
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI145397	Host genetics of allergen-induced lung TSLP expression and ILC2 function	\$255,000
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$448,750

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2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI124346	The Non-Inflammasome NLRs in Immunity and Host defense	\$448,750
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI131620	Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in Candida glabrata	\$563,511
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128805	MECHANISMS REGULATING AVIAN INFLUENZA VIRUS INFECTIONS IN HUMANS	\$193,943
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI142044	Molecular mechanisms governing the regulation of innate antiviral immunity by the SRMS kinase	\$261,625
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$448,750
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI124456	GLP-1R signaling in allergic inflammation	\$483,104
2019	IQUITY LABS, INC.	TN	R44AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	\$496,653
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,813,893
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI136526	Leukotriene modifying agents in the prevention of excess morbidity and mortality from influenza	\$702,593
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI144193	Alu RNAs and double-stranded RNA sensors	\$255,000
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI136255	Peptidoglycan remodeling during zinc starvation in Acinetobacter baumannii	\$29,698
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI146614	A novel genetic tool to investigate T cell development and function	\$269,250
2019	PRAGMADX, INC.	TN	R41AI148088	Mobile-phone integrated rapid diagnostic tests to improve antibiotic stewardship	\$151,894
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI105887	Metabolic checkpoint in dendritic cell subsets and adaptive immunity	\$448,750
2019	IDBiologics, Inc.	TN	R41AI148019	Fully Human Antibody Combinations for the Prevention of Seasonal Influenza Infection	\$294,700
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI139046	Role of autophagy-related protein Vps34 in antigen presentation and self-tolerance	\$525,370
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$672,084
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114728	Immunological mechanisms of protection against divergent influenza A strains	\$446,969
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$267,368
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$395,000
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$1,128,879
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI127828	Human neutralizing antibodies for Zika virus	\$644,482
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$164,994

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2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131722	Neutralization Fingerprinting Analysis of Polyclonal Antibody Responses against HIV-1	\$625,626
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133952	Coronavirus antiviral nucleoside analogs: inhibition and reduced susceptibility	\$29,698
2019	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI131780	Immunopathogenesis of nevirapine-induced severe T-cell-mediated adverse drug reactions	\$42,948
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI131703	Regulation of TH17 plasticity and stemness by mTORC1	\$785,652
2019	VANDERBILT UNIVERSITY	TN	R01AI136301	Understanding the structural basis of T cell receptor (TCR) and preTCR mechanosensing: single molecule, NMR and molecular dynamics studies	\$777,710
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI139021	Single Cell definition of pathogenic T cells in Drug-induced Stevens-Johnson-Syndrome/Toxic epidermal necrolysis	\$197,500
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI139172	Functional Antibody Repertoire Against S. aureus Leukocidins after Invasive Human Infection	\$667,638
2019	VANDERBILT UNIVERSITY	TN	F31AI145189	Neutralization of Eastern equine encephalitis virus by human monoclonal antibodies	\$29,727
2019	IQUITY LABS, INC.	TN	R44AI145505	Long non-coding RNA signatures to track treatment responses in multiple sclerosis	\$149,824
2019	VANDERBILT UNIVERSITY	TN	T32AI138932	Immunological Mechanisms of Disease Training Program	\$294,103
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$301,159
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$741,228
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$304,878
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128756	Bioactivities of pneumococcal cell wall in neuropathogenesis	\$448,750
2019	UNIVERSITY OF TENNESSEE	TN	R01AI116571	Membrane alterations and daptomycin tolerance	\$345,664
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$176,871
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$185,415
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K01AI131895	The HIV Care Continuum and Health Policy: Changes through Context and Geography	\$124,717
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI134036	The Role of macrophages in chorioamnionitis and group B streptococcal infections	\$472,582
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$448,750
2019	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI142509	Control of Antifungal Drug Tolerance through the Aspergillus fumigatus Kinome	\$228,000
2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI136514	Decoding the interactions between T cell receptors and peptide-MHC	\$681,906

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2019	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI139014	Discovery of small molecules inhibiting Toll-like receptor-mediated inflammation	\$889,394
2019	EAST TENNESSEE STATE UNIVERSITY	TN	R21AI138598	Telomere loss and T cell aging in HBV vaccine response in HIV-infected individual	\$185,000
2019	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI143377	Vaccine failure in HIV infection mediated by Myeloid derived suppressor cells (MDSCs)	\$434,108
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI142095	Single cell molecular analysis of influenza vaccine responses in elderly individuals	\$509,913
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R13AI147694	The 11th International Conference on the Molecular Biology and Pathogenesis of Clostridia (Clostpath 11)	\$8,500
2019	VANDERBILT UNIVERSITY	TN	R01AI140400	Biosynthesis and Synthetic Biology of Antibiotic Oligosaccharides	\$474,924
2019	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI137082	Molecular Basis of CD1D and Natural Killer T Cell Function	\$562,298
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$584,731
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$396,250
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	\$398,750
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123434	Genetic Basis of Praziquantel Resistance	\$713,041
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI112851	Mechanism and Evolution of Filoviral Monoclonal Affinity Reagent Sandwich Assays	\$470,814
2019	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$1,033,745
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114523	Long noncoding RNAs and their contribution to 22q11.2 deletion syndrome	\$432,410
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI125362	IMPDH inhibitors for the treatment of Cryptosporidium infections	\$766,043
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI125581	Automated Forward Genetic Analysis of Adaptive Immunity	\$1,617,654
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121989	Chlamydial plasmid-dependent pathogenesis	\$477,786
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$444,015
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114511	Tryptophan derivatives in EHEC pathogenesis	\$458,512
2019	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI123310	IFN- γ independent inhibition of MTB growth in human macrophages	\$349,550
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI120749	A novel nanochannel system for sustained delivery of Tenofovir Alafenamide Fumarate and Emtricitabine for HIV pre-exposure prophylaxis	\$769,740
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI122070	A Neonatal Monkey Model of Tuberculosis Vaccination	\$1,089,398

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$147,924
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI142570	Immunomodulatory Function of Epithelial Exosomes in Respiratory Syncytial Virus Infection	\$237,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137627	Genome recognition by Zika virus NS5	\$207,146
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135453	Underlying mechanisms of necrotizing fasciitis during polymicrobial infections	\$197,500
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R03AI136060	Electrospun Gelatin Meshes with Multifactor Release to Promote Bone Regeneration and Prevent Infection	\$78,250
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI137746	Tracking Marginal Zone B Cells and Their Progeny in Autoimmunity	\$202,500
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134907	A High-Throughput Platform for COVID-19 Serodiagnosis, Vaccine Evaluation, and Drug Discovery	\$395,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137785	Targeting the Host Adenosine A2A Receptor to Protect Against Fatal Rickettsiosis Using an Approved Parkinson's Disease Drug	\$194,625
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI139721	Mechanistic studies of Tissue-resident T cell maturation in the kidney	\$190,625
2019	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI130666	Genetic basis for virulence in Streptococcus mitis and S. oralis	\$191,993
2019	BAYLOR COLLEGE OF MEDICINE	TX	R03AI133037	Assessment of Catheter-Related Bloodstream Infections	\$79,250
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI140287	Personalized Antimicrobial Combinations to Combat Resistance	\$730,882
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI139261	Decoding the clinical impact of the recent evolution of metronidazole resistance on Clostridium difficile infection	\$696,716
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130126	Mechanisms of Parasite Dissemination in Visceral Leishmaniasis	\$548,179
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI123278	Diet driven evolution of epidemic ribotypes of Clostridium difficile	\$396,250
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI136963	Microbiota Specific T Cell Selection	\$474,000
2019	AUTOIMMUNITY BIOLOGIC SOLUTIONS INC	TX	R41AI141323	Development of a novel accurate therapy for Multiple Sclerosis	\$225,000
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI144459	High Throughput Screening for Non-antibiotic inhibitors of Clostridium difficile Pathophysiology	\$577,822
2019	BAYLOR COLLEGE OF MEDICINE	TX	R21AI144555	A novel mucosal trichuriasis vaccine for Th2 immune protection.	\$214,260
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI142785	Advancement of Vaccines and Treatments for Ebola and Marburg Virus Infections	\$7,043,167
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI137803	Internal Toxin Neutralizer for Treating STEC-infection	\$201,050
2019	SANO CHEMICALS, INC.	TX	R42AI131792	Preclinical Development of OCF001 for Treatment of Yeast Infections	\$983,345

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2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI146771	Determinants of Streptococcus pyogenes fitness in the female primate genital tract: A genome-wide analysis	\$201,875
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI145287	Molecular basis of viral DNA sensing through the cGAS-STING pathway	\$362,718
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI141349	Texas Medical Center Training Program in Antimicrobial Resistance	\$144,154
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI146349	Targeting a New Therapy for Trypanosomatids	\$566,401
2019	UNIVERSITY OF TEXAS AT ARLINGTON	TX	R21AI146829	Solving a Multidrug Resistance Puzzle: Complete Loss of Lipooligosaccharide	\$203,693
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI141101	Development of Gene-Silencing Therapeutics for Pseudomonas aeruginosa	\$1,204,439
2019	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI148753	NKT cell subsets modulate systemic inflammation	\$377,500
2019	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	F31AI145077	Role of T cells and the Intestinal Microbiota in the Pathogenesis of Acute Graft- versus- Host Disease	\$30,525
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI136831	Macrophage nuclear receptors, metabolism and immune effectors during health and M. tuberculosis infection	\$736,386
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$514,433
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases	\$2,575,277
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$104,243
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$438,077
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$923,047
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127711	Modulation of Host Cell Environment by Mycobacterial PE/PPE Proteins	\$806,240
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123165	Mechanisms of KSHV posttranscriptional gene regulation	\$405,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$439,691
2019	UNIVERSITY OF TEXAS RIO GRANDE VALLEY (UTRGV), THE	TX	R01AI119131	Impact of disease associated noncoding polymorphisms on post-transcriptional gene regulation	\$365,156
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI122720	Regulation and Consequences of Ets1 Downregulation in B Cells	\$524,144
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$446,186
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinases.	\$400,000
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123231	Non-coding RNA and ADP-ribosylation in Antiviral Defense	\$378,820

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2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125397	Uracil DNA Glycosylases in Gammaherpesvirus Pathogenesis and B Cell Development	\$485,503
2019	BAYLOR COLLEGE OF MEDICINE	TX	R33AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$475,500
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	\$459,706
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135606	Engineered chemokines as therapeutics for bacterial infections	\$197,500
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135619	Modulation of nuclear protein HMGB1 by Respiratory Syncytial Virus infection	\$197,500
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R03AI139651	The atomic basis of leukocyte adhesion receptor (CD11c/CD18) activation and antagonism in solution	\$76,500
2019	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI140462	Digital Nanobubble Biosensor for Respiratory Syncytial Virus Detection	\$195,750
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI133313	The Role of TSH-beta Splice Variant in Health and Disease	\$231,000
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI137696	Characterize essential regions in C. difficile toxin B for its neutralization	\$176,068
2019	BAYLOR COLLEGE OF MEDICINE	TX	R21AI132985	Oral vaccine interactions in human intestinal enteroids	\$198,125
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125292	Role of response regulator phosphorylation in group A streptococcal pathogenesis	\$400,000
2019	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI121147	Balance of Thymic Negative Selection vs. Treg Cell Generation in the Elderly	\$328,500
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI143304	Characterization of novel virulence factors in Candida	\$525,819
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI143832	Discovery of Carbapenemase Inhibitors Using DNA-Encoded Chemical Libraries	\$604,280
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI141877	Unique ADP-ribosylating and vacuolating properties of Mycoplasma pneumoniae CARDS toxin trigger airway inflammation and disease progression	\$469,235
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI140249	Engineering Fetal Cell Exosomes to contain HMGB1: Its trafficking and role as an inflammatory activator in uterine cells	\$241,000
2019	AUTOIMMUNITY BIOLOGIC SOLUTIONS INC	TX	R43AI143319	Novel accurate therapy for Multiple Sclerosis: Optimization of antisense oligonucleotides delivery and functionality in primary T cells	\$170,266
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121012	Epac1 Plays a Critical Role in Bacterial Adhesion during Rickettsioses	\$387,500
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI121037	The Biology of Stem Cells in the Human Parasite Schistosoma Mansoni	\$405,000
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI146700	Insertional Mutagenesis of Candida auris using Agrobacterium tumefaciens	\$230,625
2019	UNIVERSITY OF TEXAS, EL PASO	TX	R03AI142553	Computational modeling of broad-spectrum non-toxic antiviral nanoparticles with a virucidal inhibition mechanism	\$75,500

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2019	TEXAS A&M AGRILIFE RESEARCH	TX	R33AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	\$449,794
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI143452	Comprehensive HIV+/- Analysis of iNflammation in transGender women on Estrogen Supplementation: The CHANGES Study	\$243,197
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$473,580
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$379,668
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$180,357
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$398,750
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	\$375,738
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI131660	Role of Apobec in Retroviral Immunity	\$452,755
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI131037	Development of a Multivalent Biodefense Vaccine	\$223,250
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI142126	Impact of a novel emm-enn gene fusion event on epidemic behavior of group A streptococcus	\$250,320
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI126941	Mesenchymal Stem Cell Niche for Tuberculosis	\$235,749
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI134637	The LiaFSR system and antimicrobial peptide resistance in enterococci	\$643,198
2019	BAYLOR COLLEGE OF MEDICINE	TX	R33AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	\$498,052
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI132674	Pathogenic Mechanisms of Vascular Dysfunction in Scrub Typhus	\$395,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI116812	tRNA-derived RNA Fragments (tRFs) and their Functions in Respiratory Syncytial Virus (RSV) Infection	\$387,500
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R33AI127381	Redirected T Cell Therapy to Cure Invasive Fungal Infections	\$480,000
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI137112	DNA repair pathway choice and significance in targeted genome editing of Aedes aegypti	\$425,420
2019	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI139650	Study the interaction between Lipopolysaccharide-Binding Protein and Immune Cell Membranes	\$74,250
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI145539	Effect of HIV infection on M.tuberculosis granuloma formation and evolution	\$292,500
2019	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$356,139
2019	BAYLOR COLLEGE OF MEDICINE	TX	F32AI136404	Metabolic adaptation drives pathogenicity of C. difficile epidemic strain RT078	\$66,446
2019	BAYLOR COLLEGE OF MEDICINE	TX	R21AI146481	Branched Chain Amino Acid Metabolism During Anthrax	\$239,813
2019	TEXAS A & M UNIVERSITY	TX	R01AI141607	Development of a High-Throughput Microfluidics-Enabled Functional Assay for Rapidly Identifying Neutralizing Antibodies	\$702,284

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2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI137527	Quantifiable stool-based TB PCR to Improve Diagnostics and Treatment Monitoring	\$671,340
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI147948	Role of IL-17 Cytokine Networks in TB Relapse Due to HIV	\$554,261
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI119554	Development of novel chemical series of Candida albicans biofilm inhibitors	\$367,500
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI137319	Roles of Synaptotagmin-2 in Airway Obstruction	\$200,000
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$346,500
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$327,235
2019	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$676,153
2019	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,795,077
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$346,500
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$385,035
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$497,460
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI132492	IRF4-dependent T-cell effector programs in governing transplant outcomes	\$403,750
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$453,604
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$727,804
2019	RICE UNIVERSITY	TX	R01AI122356	The infection mechanism of the nematode virus Orsay	\$378,199
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	\$738,350
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular mechanisms regulating TLR signaling and inflammation	\$400,000
2019	TEXAS A&M UNIVERSITY-CORPUS CHRISTI	TX	R15AI137972	Occurrence and functional consequence of a novel prophage linked to non-pathogenic conversion in pandemic O3:K6 Vibrio parahaemolyticus	\$407,570
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI128479	Antifungal Resistance Gene Targeting in Candida glabrata by Target Capture	\$190,625
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135682	Molecular Analysis of Serum Antibody Constituents in Zika Virus Infection	\$181,149
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI136663	Discovery of host cell candidate proteins critical to the attachment by Cryptosporidium sporozoites	\$180,920
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI129198	Sequelae of Lassa Fever	\$906,628

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2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI137754	Study of the check point inhibitors with or without antifungals on the natural history of murine invasive pulmonary aspergillosis	\$80,000
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI131034	Role of intracellular membrane signalosomes in B cell NF-kappaB activation	\$190,625
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127899	Novel Bacterial Small RNAs as Determinants of Rickettsial Virulence and Transmission	\$533,659
2019	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI137890	Differential diagnosis of cutaneous leishmaniasis by immunoassays with density-controlled presentation of glycan biomarkers	\$187,415
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI135599	B cells as a major source of IL-27 cytokine in antibody responses and anti-viral immunity	\$190,625
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI134980	Elucidating How Tri-phosphatase DUSP11 Controls HCV Infection and Hepatocyte Inflammation	\$458,681
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI130020	Defining Mechanisms for Parasite-Driven Effects on Gamma-Herpesvirus Latency	\$405,000
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI141958	Factors Affecting longterm in vitro culture of Treponema pallidum	\$463,433
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI141661	Epitope-Based Design and Modified RNA Platform for Bivalent Marburgvirus Vaccine	\$825,853
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI127503	Targeting trypanosomatid deoxyhypusine synthase	\$539,478
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI144719	Engineered receptors for CMV-targeted adoptive T cell immunotherapy	\$224,029
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K01AI143881	Identifying Risk Factors for Antibiotic Resistance via Integration of Epidemiology and Metagenomics	\$110,387
2019	BAYLOR COLLEGE OF MEDICINE	TX	K23AI141681	Persistent DNA Hyper-Methylation of the IFN-? Signaling Pathway During Tuberculosis	\$189,324
2019	LYNNTECH, INC	TX	R43AI147825	Rapid Simple Antimicrobial Determination and POC Diagnostic for Gonorrhea	\$243,652
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$161,477
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI145666	Modulation of BRD4 to epigenetically suppress HIV	\$553,986
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$515,587
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI133359	Mechanisms by which rickettsiae increase microvascular permeability	\$197,500
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$342,305
2019	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$330,034
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$398,750

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2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI132798	Innate modulation of autoimmune, regulatory, and effector B cells in adipose tissue	\$381,250
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$538,641
2019	UNIVERSITY OF TEXAS AT DALLAS	TX	R01AI116610	Genome defense and acquired antibiotic resistance in Enterococcus faecalis and Enterococcus faecium	\$382,500
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$366,322
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R24AI120942	World Reference Center for Emerging Viruses and Arboviruses (WRCEVA)	\$742,138
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI110358	Mechanisms of HCV Assembly	\$387,500
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI125216	Contribution of LiaFSR to pathogenesis and carriage of group A Streptococcus	\$385,000
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI130460	Dynamic learning for post-vaccine event prediction using temporal information in VAERS	\$716,444
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI142418	Viral Nucleic Acid Stimulation of Translation	\$228,568
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI133749	Genetic analysis of cercarial release in schistosomes	\$503,600
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132695	Shedding, retention and spreading of chronic waste disease prions in the environment	\$837,262
2019	TEXAS ENGINEERING EXPERIMENT STATION	TX	R01AI110642	Modeling and Analysis of the Role of Microbiota Metabolites in T-Cell Differentiation	\$395,320
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI125939	Human airway microfold cells in mucosal immunity to bacterial pathogens	\$435,178
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI136031	Oxidative Response Networks in Chagasic Cardiomyopathy	\$484,768
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI121403	Modeling ICF syndrome in mice: Role of Zbtb24 in DNA methylation and antibody production	\$400,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI053067	Quorum Sensing Regulation of EHEC Virulence Genes	\$567,000
2019	Texas Tech University Health Sciences Center at El Paso	TX	R03AI134222	ANTI-HIV GENE THERAPY VECTORS	\$80,000
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133274	Structure and function of protective antibodies from memory B cells against malaria	\$186,845
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	K22AI125468	Investigating "viable but non-culturable" Cell and Persister Formation Mechanisms	\$108,000
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI135645	Harnessing Copper to Impede Uropathogen Colonization	\$185,625
2019	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI135569	Identification of Novel Necroptosis Pathways in Human Lung Epithelial Cells	\$181,250
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI137546	Controlling the Virulence Genome of V. cholerae	\$225,710
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$372,180

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI128442	The Role of Runx3 in Host Response to Influenza Virus Infection	\$183,542
2019	UNIVERSITY OF TEXAS, EL PASO	TX	U01AI129783	New chemotherapy regimens and biomarkers for Chagas disease	\$1,184,499
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI142406	Inflammasome activation and ehrlichial dissemination in tick vs needle transmission	\$79,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI143248	Adrenergic Control of Memory T Cells by Circadian Rhythms	\$243,000
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI144731	Eliminating autoantibody-producing plasma cells in neuroinflammation via ERK inhibition	\$223,750
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133386	Gut Microbiome and Chlamydia pathogenicity in the upper genital tract	\$224,970
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R13AI145237	Molecular Helminthology: An Integrated Approach	\$6,500
2019	7 HILLS PHARMA LLC	TX	R41AI145507	Integrin Activation as a Treatment for Leukocyte Adhesion Deficiencies	\$243,282
2019	BAYLOR COLLEGE OF MEDICINE	TX	U19AI144297	Integrated Genomics of Mucosal Infections	\$3,900,000
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI147631	Mechanisms of Candida-induced phagolysosome neutralization	\$192,500
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI142560	Regulation of Protein Synthesis During the C. albicans-Macrophage Interaction	\$241,171
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI126601	Glycoconjugate Nanoparticle Vaccines Against Burkholderia Infections	\$457,812
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI132246	Preclinical Development of Human Monoclonal Antibodies for Postexposure Treatment of Crimean-Congo Hemorrhagic Fever	\$1,210,843
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI147123	The immunomodulatory role of Ankyrin repeat containing effectors expressed by Coxiella burnetii	\$224,438
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI136697	Biochemistry of SAMHD1-mediated innate immunity responses	\$482,684
2019	UNIVERSITY OF TEXAS AT DALLAS	TX	R56AI139105	Adaptive Alterations of Lipids in Streptococcus Mitis	\$478,792
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI142378	Structure analysis of F pilus biogenesis	\$231,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121452	Trajectory of Vector-adaptive Chikungunya Virus Evolution	\$454,813
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$2,149,585
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$405,000
2019	TEXAS TECH UNIVERSITY	TX	R01AI137846	Development of a Universal Influenza Vaccine Against Influenza A and B Viruses	\$716,192
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$378,830

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2019	TEXAS TECH UNIVERSITY	TX	R01AI121322	Microneedles for allergy immunotherapy	\$360,853
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137779	Sonic Hedgehog Regulation of Apoptosis During Ehrlichia Infection	\$237,000
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI127387	Regulation of Innate Dendritic Cell CTLA-4	\$396,250
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127744	Revolutionary Eilat-based Chikungunya Vaccine Vector	\$772,684
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$417,715
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K24AI121296	POR Program on Genomic Prediction of Antimicrobial Resistance in VRE	\$170,305
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI134240	Immune Correlates of Protection from TB	\$908,608
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI127807	PROTOZOAN PURINE PHOSPHORIBOSYLTRANSFERASES AS TARGETS TO TREAT MALARIA, AFRICAN TRYPANOSOMIASIS AND CHAGAS'S DISEASE	\$1,014,009
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI135574	Innate lymphoid cells in Campylobacter-induced colitis	\$190,625
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI129279	Targeting lipid metabolism for the treatment of malaria	\$68,850
2019	BAYLOR COLLEGE OF MEDICINE	TX	R21AI136876	In vivo production of a potassium channel inhibitor for immunomodulation	\$237,750
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI128466	Discovery of antibodies against the blood stage of the malaria parasite	\$186,845
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI137412	Identification of essential factors contributing to vector colonization and transmission of relapsing fever spirochetes	\$389,230
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R61AI138328	C-type Lectin Receptor Pathways in the Pathogenesis of TB/HIV Co-infection	\$750,254
2019	TEXAS A & M UNIVERSITY	TX	R21AI138158	Determining genetic signatures of the cryptococcal response to Zolofit by an integrated approach combining transcriptome, translome and genetic screens	\$178,677
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI138793	Molecular Determinants of HIV hypermutation	\$221,590
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI137545	Transmission dynamics of Mycobacterium tuberculosis	\$197,828
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI127692	Translational Control of Morphology and Virulence in Candida albicans	\$379,360
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K08AI135093	Role of YxdJK and DAK in the Enterococcal Envelope Stress Response	\$185,760
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132354	Mechanoregulation of EHEC virulence	\$458,041
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI138233	Microphysiologic human organ cultures to study Nipah virus-induced lung pathology	\$197,500
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI139480	Network Dynamics of Syphilis Coinfection within Biomedical Prevention	\$226,295

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2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI140823	Screening a Target-Based Repurposing Library for Activity against Fungal Pathogens and Subsequent Preclinical Development of Leading Candidates	\$313,188
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI141465	The role of structural plasticity in the norovirus capsid	\$576,373
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI138017	Cinnamon and Spice as Adjuvants are Nice? Evaluation of Transient Receptor Potential Channels as Targets to Improve Bioavailability of and the Immune Response to Film-Based Oral Vaccines	\$189,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI132751	Interferon-mediated control of neuropathogenic Flaviviruses	\$148,770
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI139369	Determinants of Streptococcus pyogenes virulence in the primate oropharynx: A genome-wide analysis	\$242,250
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U19AI142784	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$7,381,267
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	U19AI142636	Cold Chain-Independent, Needle-Free Mucosal Virosomal Vaccine to Prevent HIV-1 Acquisition at Mucosal Levels	\$1,940,385
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$431,829
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI109294	Regulation and function of nonlymphoid organ CD103 dendritic cells	\$400,000
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI138587	SigH based attenuated, efficacious Mtb vaccines to protect against lethal TB	\$1,597,517
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$396,250
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K23AI117024	PREDICTORS OF RESPONSE TO BRONCHIAL THERMOPLASTY IN SEVERE ASTHMA	\$167,400
2019	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	\$2,445,337
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	\$1,077,111
2019	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$999,010
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI121180	Stem cell-derived regulatory T cells for therapeutic use in arthritis	\$373,001
2019	TEXAS TECH UNIVERSITY	TX	R33AI119782	Discovery of New Anti-amoeba Therapeutics	\$251,000
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI125512	TRIM proteins polarize DNA sensing outcomes during the innate immune response to Mycobacterium tuberculosis	\$371,250
2019	TEXAS A&M AGRILIFE RESEARCH	TX	K01AI128005	Consequences of pathogen co-infection in mosquitoes on West Nile virus transmission	\$107,441
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI127521	Structure, Function and Antigenicity of Coronavirus Spike Proteins	\$613,032
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	\$396,250

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2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$472,953
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI143229	Molecular basis of the cefazolin inoculum effect	\$207,913
2019	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI134222	ANTI-HIV GENE THERAPY VECTORS	\$0
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134611	Structural Basis for Antiviral Drug Mitochondrial Toxicity	\$391,230
2019	LUMINOSTICS, INC.	TX	R44AI118180	A smartphone-based point-of-care test for detection of Chlamydia trachomatis	\$718,866
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI135803	FUNGAL PATHOGENESIS OF MODERATE TO SEVERE ASTHMA	\$892,271
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI132920	Novel mechanisms of emergence of hypervirulent group A Streptococcus	\$200,000
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI133822	Defining Protective Responses in Hematopoietic Cells Mediated by STAT3 Anti-Inflammatory Activity	\$429,402
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R03AI135159	Development of murine model of neuroborreliosis	\$74,250
2019	TEXAS A & M UNIVERSITY	TX	R21AI140004	The secreted effector SseC is a key regulator of retrograde transport during Salmonella enterica serovar Typhimurium infection	\$180,846
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI133454	N-linked Glycosylation of Matrisome and Pulmonary Fibrosis	\$238,375
2019	BAYLOR COLLEGE OF MEDICINE	TX	R21AI137710	Enteric Calicivirus Viroporin-Mediated Calcium Signaling	\$208,345
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135576	Rapid, cellphone-based POC detection of Borrelia species in field-caught ticks	\$238,962
2019	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI137462	Utilizing Glycoside Hydrolases to Degrade Biofilms in Wounds	\$157,734
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI147178	Elucidating the function of a family of respiratory viral long noncoding RNAs	\$189,410
2019	BAYLOR COLLEGE OF MEDICINE	TX	R03AI139811	Using Insulin Pathogenic Register Specific Chimeric Antigen Receptor Redirected Regulatory T Cells to Modulate Type 1 Diabetes	\$80,000
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Secretion Effector Proteins in Coxiella burnetii	\$367,839
2019	Texas Tech University Health Sciences Center at El Paso	TX	UG3AI150550	Novel CRISPR-Cas9 protein delivery to T cells in vivo by targeting CD7	\$800,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI146353	Markers of Triclabendazole Resistant Fascioliasis in the Highlands of Peru	\$533,713
2019	TEXAS TECH UNIVERSITY	TX	R21AI138589	BCA2's modulation of NF-kB and its role in proviral latency	\$182,344
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI138129	Tick saliva determinants of Borrelia burgdorferi transmission	\$181,062

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2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI122753	Systematic evaluation of B. pertussis ACT's role as a protective antigen	\$375,137
2019	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI116722	Negative regulation of C-type lectin receptor signaling in response to fungal infection	\$400,000
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R03AI144711	Vectorial capacity of American triatomines for multiple strains of Trypanosoma cruzi	\$74,250
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$480,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123163	Candida Albicans Gastrointestinal Colonization and Dissemination	\$405,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$12,536,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI114657	New Paradigm for Host and Viral Gene Regulation by MERS Coronavirus nsp1	\$387,500
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI107784	Induction, maintenance, and function of genital tract-resident CD8+ T cells	\$387,500
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI129906	T cell fate decisions and transplant outcomes	\$403,750
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI116914	Targeting the Toxins: A Novel Non-Antimicrobial Approach to Combat Clostridium difficile infections	\$385,000
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$456,020
2019	UNIVERSITY OF NORTH TEXAS	TX	R01AI128359	Sleep and Vaccine Response in Nurses (SAV-RN)	\$711,126
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI118736	Regulation of cell cycle transition by a cyclin-dependent kinase in trypanosomes	\$385,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI115577	Mechanisms and Public Health Impact of Sylvatic Dengue Virus Emergence in Borneo	\$588,587
2019	BAYLOR COLLEGE OF MEDICINE	TX	U01AI124290	Decoding Antibiotic-induced Susceptibility to Clostridium difficile Infection	\$1,482,023
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI135293	Is immune system TSH-beta splice variant a causative factor in autoimmune thyroiditis?	\$192,500
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$132,749
2019	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI142327	Antimicrobial, anti-inflammatory, analgesic, silver-based, electrospun bandages for superior wound healing	\$185,625
2019	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125264	Orchestrating intestinal immunity through microbiota-CX3CR1+ cell interactions	\$393,910
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI142569	Modulation of the Allergenicity of Cedar and Ragweed Pollen Major Allergens	\$237,000
2019	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	\$384,023
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	\$899,688
2019	SOUTHERN METHODIST UNIVERSITY	TX	R15AI142699	Antibiotics Designed to Counter Resistant 21st Century Pathogens	\$436,871

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2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI125434	Hydrogen Sulfide and NRF2 Cross-talk in Viral Infections	\$503,750
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130278	Immunomodulatory Effects of Heterochiral Biomaterials	\$0
2019	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI138717	Discovery of inhibitors against cryptosporidial fatty acyl-CoA synthetase	\$187,200
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	\$186,875
2019	IMMUDX LLC	TX	R43AI136357	A cloud-based system for scalable, privacy-preserving, and interactive immune repertoire analysis in vaccination and infection	\$282,527
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI125337	A High-Throughput Molecular Platform for Antimicrobial Discovery and Study	\$404,429
2019	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI135005	Development of a multivalent vaccine against Coccidioides infection	\$377,053
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI133289	Developing a better understanding of expression and function of PBP5-R of Enterococcus faecium for future development of therapeutic modalities for VRE infections	\$231,772
2019	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI141014	Understanding Contributions of HIV Infection and Feminizing Hormone Use to Cardiometabolic Risk Among Transgender Women	\$77,000
2019	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI109096	Molecular mechanism of virulence regulation in Streptococcus pyogenes	\$398,750
2019	MICROGEN LLC	TX	R03AI135154	Cytometric Enumeration of EBV-Infected Cells	\$87,475
2019	LYNNTECH, INC	TX	R43AI141311	An Inhaled Clofazimine Formulation for the Treatment of Tuberculosis	\$219,242
2019	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI140956	Impact of Tat-binding Cellular LncRNAs on HIV replication	\$239,375
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI137332	Mosaic Immunogens as Multivalent Alphavirus Vaccines	\$474,362
2019	TEXAS TECH UNIVERSITY	TX	R01AI135197	Microneedles for treatment of peanut allergy	\$656,407
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI144203	Defining Arbovirus-Host Interactions Using a Novel Caenorhabditis elegans-based System	\$243,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI144328	The role of IL-1 family of cytokines in tick-transmitted ehrlichiosis	\$237,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI144140	The Functions of Novel FOXN1 Compound Heterozygous Mutations in PIDs Patients	\$243,000
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI145318	Modified mRNA-based vaccine against Lassa virus	\$0
2019	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI121500	Assessing the roles of biofilm structure and mechanics in pathogenic, persistent infections	\$391,573
2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R13AI143049	Support of the 16th Annual South Central Medical Mycology Conference	\$6,500

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2019	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI138944	Graduate Research in Immunology Program (GRIP): To train graduate students for successful careers in academia, industry and government	\$111,112
2019	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI145559	Unraveling Cryptococcus neoformans mechanisms of brain invasion and colonization	\$625,429
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI140569	Pellino-1, a novel target for treatment of congenital Zika syndrome	\$237,000
2019	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R34AI134569	Determining the Accuracy of Cephalosporin Allergy Testing	\$292,598
2019	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI135061	The Germinal Center and T cell help in Three Phases of Clearance of Plasmodium	\$393,639
2019	UNIVERSITY OF UTAH	UT	R01AI143567	Tyrosine Kinase inhibition: The New Front in HIV Cure Efforts	\$509,204
2019	UNIVERSITY OF UTAH	UT	R01AI139535	Targeted depletion of programmed death-1 positive cells, a method that not only stops autoimmune attack but also preserves adaptive immunity	\$556,805
2019	SAB CAPRA LLC	UT	R42AI131823	Production and Characterization of Human Immunoglobulin Producing Goats for Diagnostic Reagents and Therapeutics	\$758,090
2019	UNIVERSITY OF UTAH	UT	R01AI145877	Pathogenic role of innate immune cells in lupus nephritis	\$444,467
2019	UNIVERSITY OF UTAH	UT	R33AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	\$350,542
2019	UNIVERSITY OF UTAH	UT	R21AI139438	Shared Genetics and Histopathology of Familial Eosinophilic Esophagitis	\$228,750
2019	UNIVERSITY OF UTAH	UT	R01AI137331	Exploiting synergistic and antagonistic interactions with antifungal drugs to improve disease treatment.	\$381,250
2019	GLYCOMIRA LLC	UT	R44AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$841,614
2019	UNIVERSITY OF UTAH	UT	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$381,250
2019	UNIVERSITY OF UTAH	UT	R01AI127724	Development of Selective Ribosomal P-site Inhibitors	\$381,250
2019	UNIVERSITY OF UTAH	UT	R01AI130378	Mucosal associated invariant T (MAIT) cells in Vibrio cholerae infection and vaccination	\$359,000
2019	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$481,033
2019	UNIVERSITY OF UTAH	UT	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$378,899
2019	UNIVERSITY OF UTAH	UT	R01AI130255	Characterizing the role of antimicrobial peptide resistance in plague transmission	\$381,250
2019	NAVIGEN INC	UT	SB1AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2019	UNIVERSITY OF UTAH	UT	R01AI137248	TCR-dependent activation, functional differentiation and memory formation of CD4+ T cells following infection	\$513,188

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2019	UNIVERSITY OF UTAH	UT	R01AI135114	Development of clinical decision tools for management of diarrhea of children in high and low resource settings	\$432,549
2019	UNIVERSITY OF UTAH	UT	R03AI135801	Defining the Microbiology of Sarcoidosis	\$76,250
2019	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$982,407
2019	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI117035	FilmArray Direct: Rapid Diagnosis of Antimicrobial-Resistant Pathogens from Blood	\$1,166,103
2019	CURZA GLOBAL LLC	UT	R01AI132304	Broad spectrum antibacterials selectively targeting an un-drugged site on the ribosome	\$750,834
2019	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$302,320
2019	UNIVERSITY OF UTAH	UT	T32AI138945	Cross-disciplinary Training in Immunology, Inflammation and Infectious Disease	\$184,069
2019	NAVIGEN INC	UT	R01AI127092	Depot formulation of a D-peptide HIV entry inhibitor	\$551,835
2019	UNIVERSITY OF UTAH	UT	R37AI051174	Biochemistry of HIV-1 Budding	\$557,086
2019	UNIVERSITY OF UTAH	UT	R21AI128720	Sub-lytic Activities of the Pore Forming Toxin Alpha-hemolysin	\$190,625
2019	UNIVERSITY OF UTAH	UT	R01AI135045	Schistosoma Mansoni Infection During Pregnancy: Dissecting the Implications to Fetal Immunity	\$459,093
2019	UNIVERSITY OF UTAH	UT	R21AI135918	Mechanisms of ExPEC Persistence within the Gut	\$190,625
2019	UNIVERSITY OF UTAH	UT	R01AI135115	Estimating Cholera Burden with Cross-sectional Immunologic Data	\$687,902
2019	UNIVERSITY OF UTAH	UT	R01AI137238	Epigenetic programming of T follicular helper cell differentiation	\$581,699
2019	UNIVERSITY OF UTAH	UT	K08AI116909	Noncanonical NFkB Pathway-Mediated Mechanisms of Common Variable Immunodeficiency	\$201,960
2019	UNIVERSITY OF UTAH	UT	R01AI123106	Investigating the transfer of miRNAs by exosomes during inflammation	\$453,935
2019	UNIVERSITY OF UTAH	UT	R01AI130248	Immune modulation during infection by a secreted fungal polysaccharide	\$381,250
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI129678	Molecular mechanisms of the CA-SP1 switch in HIV assembly and maturation	\$451,861
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI118732	Ethanolamine Signaling in Virulence Gene Regulation and Host/Microbial Interactions	\$388,915
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI123596	Dietary Methyl Donors and Food Allergy Risk in the United States	\$191,708
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI114926	Role of metal transport in Streptococcus sanguinis virulence and competitiveness	\$381,460
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	\$373,760
2019	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI130116	Anaplasma phagocytophilum modulate tick gene expression for its survival and transmission from the vector host	\$387,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	GEORGE WASHINGTON UNIVERSITY	VA	R21AI137771	Identification and validation of mutations causing naturally occurring multi-drug resistance in hookworm	\$239,250
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI020565	IgE antibodies to the mammalian oligosaccharide galactose-alpha-1, 3-galactose (alpha-gal): immunology, epidemiology and relevance to allergic and inflammatory disease	\$445,840
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI136644	Deconstructing HIV Disparities: Multistate Study of Data, Outcomes and Mediators	\$192,098
2019	GEORGE MASON UNIVERSITY	VA	R21AI138135	High sensitivity multiplex detection of tick borne infection peptides	\$236,296
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI145108	The Role of Eosinophils in the Lung Allograft	\$539,375
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI142504	Determinants of prolonged Zika virus shedding in semen	\$192,686
2019	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R61AI142685	Project Horizon: Hydrogel Injectable Depot System for Next-Generation Long-Acting HIV Prevention and Contraception	\$1,052,992
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$457,056
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI121284	Guy1-conferred female lethality: mechanism and application for mosquito control	\$393,349
2019	COLLEGE OF WILLIAM & MARY	VA	R15AI133470	Regulatory Mechanisms of Outer Membrane Protein Expression in Helicobacter pylori	\$412,542
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI138494	SSRIs Inhibit IgE-mediated Mast Cell Function	\$220,870
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$537,926
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI141677	Understanding the mechanism of neurological sequelae associated with hepatitis E virus infection	\$232,884
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI136671	Clinical Implications of HIV-1 Rev-Rev Response Element Functional Activity Variation	\$191,804
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI139658	IL-25 as a master regulator of extrafollicular benign IgE	\$380,243
2019	BIOTHERAPEUTICS INC	VA	R43AI145361	Development of Antibiotic-Free Clostridium difficile Therapeutics	\$299,984
2019	ICBIOME, INC.	VA	R43AI147991	A WGS-based genomics platform for early identification of MRSA transmission in ICU Settings	\$218,843
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI139072	The roles of ceramide and its derivatives in A. phagocytophilum pathogenesis	\$567,890
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI146649	Endometrial organoids to model Chlamydia infection	\$80,750
2019	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI141790	Arthropod exosomes mediate vector-pathogen interactions	\$387,500
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$593,940

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2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$416,786
2019	GEORGE WASHINGTON UNIVERSITY	VA	P30AI117970	District of Columbia Center for AIDS Research (DC CFAR)	\$2,134,225
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$699,799
2019	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$752,220
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI125562	The dynamics of nasal bacterial ecology and S. aureus antagonism	\$713,155
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI119181	Role of the Pro-inflammatory MIF Homolog of Entamoeba histolytica in Colitis	\$192,024
2019	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI135222	PIC1 inhibition of myeloperoxidase activity and inflammation	\$187,500
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI026649	Role of CREM in Amebic Colitis and Inflammatory Bowel Disease	\$525,021
2019	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirm CPCRA Clinical Trials Unit	\$6,340,355
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI141410	The Role of PIAS1 in EBV Biology	\$388,125
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI142243	Exploring the role of staphylococcal superantigens in immune evasion and persistence of Staphylococcus aureus biofilms using humanized mouse models	\$0
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI139967	Understanding T cell susceptibility to regulatory T cell-mediated suppression	\$237,597
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI141801	Chimeric epitope based vaccines for tick borne infections	\$642,146
2019	GEORGE WASHINGTON UNIVERSITY	VA	F31AI147814	Mechanisms Governing Latency in Clinically Relevant HIV-1 Strains	\$35,381
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$478,487
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122743	MicroRNA regulation of Anopheles immunity to Plasmodium	\$658,651
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$90,237
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI114136	The Role of Lysosomes and Amoebapores in Amoebic Trophocytosis and Cell Killing	\$50,016
2019	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI136035	Spatial eco-epidemiology of tick-borne rickettsial pathogens	\$469,686
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	\$527,067
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI125056	Hallmarks of Protective Immunity in Sequential Rhinovirus Infections in Humans	\$648,268
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136297	Control of Influenza Infection by Lipid Mediators and Macrophages	\$549,761

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2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI139673	Infections, Microbiome and HLA-DR in the Induction of Lupus Related Auto-antibodies	\$547,978
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K01AI130326	Translation of epidemiologic findings in enteric disease to public health action	\$130,518
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI123338	Mechanism and application of male determination in aedine mosquitoes	\$567,000
2019	GEORGE WASHINGTON UNIVERSITY	VA	R21AI140788	Effects of boosting mucosal immunity by microbiota manipulation on B cell responses to HIV-1 vaccine	\$252,788
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$396,250
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$408,424
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$155,737
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI136386	Altered innate leukocyte programming dynamics in sepsis	\$402,500
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$648,811
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$623,101
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	\$398,750
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	K22AI125474	Mechanisms by which insect specific flaviviruses are host restricted and preclude super-infection with pathogenic flaviviruses	\$105,926
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI137697	Mechanisms of microbial toxin and polysaccharide secretion	\$242,250
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI134972	Identifying novel regulatory pathways underlying T helper 1 cell immune responses	\$394,034
2019	GEORGE WASHINGTON UNIVERSITY	VA	R21AI135480	miR146a and CD4 dysfunction during chronic toxoplasmosis	\$239,250
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI138495	GGT Targeting Suppresses Mast Cell Activation by IgE and IL-33	\$564,448
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F31AI140609	SSRI's Suppress IgE-Mediated Mast Cell Function	\$37,552
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI144026	Controlling the flux of sphingosine-1-phosphate in vivo	\$720,889
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI142654	Chemical-genetic identification of kinase pathways in Zika virus infection	\$80,750
2019	ReAlta Life Sciences, Inc.	VA	R44AI131764	PIC1 pre-clinical formulation and optimization as a novel anti-inflammatory pharmacological agent	\$919,171
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$399,286
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI141943	TNFRSF Genetics Related to NK Cell Control of MCMV	\$239,966

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2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI143139	Role of the T3SS effector protein IcsB in Shigella flexneri infection	\$33,461
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$79,976
2019	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$505,675
2019	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123433	Inhibition of MEP pathway Isoprenoid Biosynthesis	\$516,446
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI114888	Quantitative molecular diagnostics for diarrhea etiology and vaccine efficacy	\$192,024
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130439	Mechanisms involved in Salmonella immune evasion	\$198,378
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI135455	Inducible and Reversible in vivo Protein Degradation (IRIP) - attempting a new approach for modulating immune responses	\$201,875
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI140006	Targeting a novel Hsp70 substrate binding mode for potential treatment of gonorrhea infection	\$194,063
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI138077	Exploring Amplified Th1 Responses and a Role for the IgE/Interferon Axis in Allergic Asthmatics Infected with Rhinovirus	\$238,722
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI135258	A reference genome assembly for Zika vector Aedes albopictus	\$190,374
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U01AI133595	Endothelial Dysfunction in Radiation-induced Lung and Heart Toxicity	\$421,541
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R56AI141627	Molecular mechanism of the broad spectrum viral restriction factors IFITM3 and ZMPSTE24	\$618,220
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$510,688
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136073	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$517,076
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI124214	Role of eosinophils in innate protection from C. difficile	\$459,353
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI138227	IgG4 and IgE antibodies to Cows Milk proteins in children with Eosinophilic Esophagitis	\$242,250
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$390,328
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI142656	Cryptosporidia Genomics	\$203,627
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI139947	Elucidating a unique bacterial strategy that protects susceptible bacteria from antibiotic killing and promotes the genetic transmission of antimicrobial resistance	\$245,777
2019	ICBIOME, INC.	VA	R43AI143267	A cloud-based WGS platform for establishing phylogeny within epidemic outbreaks at hospitals	\$279,815
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R13AI138529	2019 Mid-Atlantic Microbial Pathogenesis Meeting	\$7,000

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2019	GEORGE WASHINGTON UNIVERSITY	VA	R13AI147916	2019 USCA Meeting	\$74,352
2019	PARABON NANOLABS INC	VA	R43AI147831	A DNA nanotechnology vaccine platform for delivery and translation of HIV-1 1086C gp160 Env LNP	\$225,220
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$562,219
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$157,566
2019	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125433	ORMDL3-ceramide axis in allergic asthma	\$381,250
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130700	Microbiota mediated protection from amebiasis	\$201,875
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI131723	Modeling immunity with a hybrid lymph node tissue-chip	\$444,594
2019	GEORGE WASHINGTON UNIVERSITY	VA	R21AI136102	Biomaterials-Enhanced NK Cells for Improved Elimination of the HIV Reservoir	\$200,479
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI135298	Improving genome assemblies for species of the Anopheles gambiae complex	\$192,221
2019	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI125958	The role of gamma-aminobutyric acid (GABA) in the pathogenesis of Brucella	\$183,957
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R03AI146888	Roles of Archaea in infectious disease	\$71,525
2019	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI141841	Molecular tethers of ER-inclusion contact sites	\$199,641
2019	UNIVERSITY OF VERMONT	VT	R21AI135385	The Role of Glycogen Metabolism in Supporting Dendritic Cell Immune Function	\$191,274
2019	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$91,231
2019	UNIVERSITY OF VERMONT	VT	R01AI139201	Multiscale analysis of MyosinA-based motility in Toxoplasma gondii	\$583,381
2019	UNIVERSITY OF VERMONT	VT	U01AI141997	Mechanisms of Protection and Durability for a Live Attenuated Tetravalent Dengue Vaccine	\$640,554
2019	UNIVERSITY OF VERMONT	VT	R01AI132378	Structure and function of the Plasmodium myosin XIV-actin glideosome	\$710,260
2019	UNIVERSITY OF VERMONT	VT	R21AI141184	Repurposing the EMD-Serono "mini-library" for Cryptosporidium drug development	\$206,487
2019	UNIVERSITY OF VERMONT	VT	R21AI145306	Next generation systems analysis of pathogenetic mechanisms underlying CNS autoimmunity	\$273,000
2019	UNIVERSITY OF VERMONT	VT	R21AI137767	Mapping the directionality of forces generated by T. gondii tachyzoites moving in 3D	\$191,274
2019	UNIVERSITY OF VERMONT	VT	R21AI137539	Role of Methylation-Controlled J protein in CD8 function and persistent viral infection of the placenta	\$195,000
2019	UNIVERSITY OF VERMONT	VT	R01AI143951	Preclinical optimization of a parasitocidal drug for cryptosporidiosis	\$691,919

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2019	UNIVERSITY OF VERMONT	VT	R03AI147084	Comprehensive analyses of endogenous retroviruses with severe chronic fatigue syndrome	\$78,000
2019	UNIVERSITY OF VERMONT	VT	R21AI135265	Mapping the Zika virus phosphoproteome	\$193,081
2019	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$388,775
2019	UNIVERSITY OF VERMONT	VT	R21AI137453	The role of potable water as the pre-infection niche for Pseudomonas aeruginosa	\$195,000
2019	UNIVERSITY OF VERMONT	VT	U01AI134582	A Phase II Evaluation of the Safety and Protective Efficacy of the Live Attenuated Tetravalent Dengue Vaccine TetraVax-DV with Challenge by the Recombinant DENV-2 Virus in a Dengue Endemic Population	\$1,300,717
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$922,827
2019	UNIVERSITY OF WASHINGTON	WA	R37AI029168	Statistical Issues in AIDS Research	\$951,681
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$12,822,234
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$25,705,512
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$36,148,992
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$5,005,133
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI135953	Targeting a Novel Hematopoietic Stem Cell Population in Non-Human Primates for Effective and Sustained Gene Therapy	\$890,598
2019	UNIVERSITY OF WASHINGTON	WA	R01AI112640	Typhoid Pathogenesis and Immunity	\$472,348
2019	UNIVERSITY OF WASHINGTON	WA	R01AI118916	The Host Response to Hepatitis C Virus	\$507,805
2019	UNIVERSITY OF WASHINGTON	WA	R01AI123124	Regulation of S. aureus Colonization by NO.	\$373,587
2019	UNIVERSITY OF WASHINGTON	WA	R01AI127232	Combined phylogenetic and epidemiological analysis to identify HIV transmission sources in Seattle WA	\$484,764
2019	SPRINGSTAR INC	WA	R44AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$31,140
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI117016	Regulation of Yersinia pestis flea-borne transmission	\$445,862
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI125378	Epithelial control of responses to allergen challenge and viral exacerbation	\$1,587,982
2019	UNIVERSITY OF WASHINGTON	WA	R01AI120765	Improving Diagnosis, Treatment & Detection of Drug Resistance in HIV-2 Infection	\$721,973
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI127726	Regulation of cutaneous immunity and tissue-repair by a specialized population of CD4+ T cells	\$851,247
2019	UNIVERSITY OF WASHINGTON	WA	R01AI134130	Implementing Assisted Partner Services to HIV Test and Treat Men in Western Kenya	\$824,974
2019	UNIVERSITY OF WASHINGTON	WA	R21AI141944	Molecular confirmation of tuberculosis treatment	\$228,926

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2019	UNIVERSITY OF WASHINGTON	WA	R01AI134729	Engineered Antimicrobial Platform to Target Pulmonary Intracellular Infections	\$493,087
2019	UNIVERSITY OF WASHINGTON	WA	R21AI135437	Functional diversity of zinc finger antiviral protein isoforms during viral infection	\$220,260
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI135673	Engineering sustainable squalene analogues for novel vaccine adjuvant emulsions	\$856,636
2019	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	\$3,359,502
2019	UNIVERSITY OF WASHINGTON	WA	R21AI135447	Probing human leukocytes to target inflammatory macrophage proliferation in chronic inflammation	\$194,375
2019	WASHINGTON STATE UNIVERSITY	WA	F31AI136295	The molecular basis for integration of the Chlamydial responses to iron and tryptophan limitation	\$37,748
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI133335	Novel peptide based biomarkers for Lyme disease diagnostics	\$228,520
2019	UNIVERSITY OF WASHINGTON	WA	F31AI138633	The impact of diabetes on tuberculosis incidence and mortality in HIV-positive adults	\$44,465
2019	UNIVERSITY OF WASHINGTON	WA	R01AI132441	Impact of the vaginal microbiome on Chlamydia trachomatis acquisition	\$685,703
2019	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI135072	The Effect of Maternal Cells on Infant Immunity	\$170,725
2019	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI114844	Viral and Host Biomarkers of Human Rhinovirus Disease Severity in Transplantation	\$183,043
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI140714	Integrative prediction of seasonal influenza evolution by genotype, phenotype, and geography	\$40,659
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137947	Visual and olfactory integration in mosquito behavior	\$194,375
2019	UNIVERSITY OF WASHINGTON	WA	R01AI145486	V-OLA: point-of-care HIV viral load monitoring and drug resistance testing	\$753,597
2019	UNIVERSITY OF WASHINGTON	WA	R21AI145359	Using the Collaborative Cross to discover immunoregulatory mechanisms that control WNV infection	\$264,750
2019	UNIVERSITY OF WASHINGTON	WA	R01AI147504	Drug Discovery for Chagas Disease	\$833,981
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI144536	A pipeline for prioritizing and evaluating multidrug regimens for Mycobacterium abscessus	\$280,873
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI139051	Exploiting a cyclic dinucleotide-mediated immune response to reduce the burden of Coxiella burnetii infection	\$499,870
2019	UNIVERSITY OF WASHINGTON	WA	R01AI147752	Simplifying HIV Treatment and Monitoring (STREAM2): Point-of-Care Urine Tenofovir Adherence and Viral Load Testing to Improve HIV Outcomes in South Africa	\$703,639
2019	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$302,076
2019	UNIVERSITY OF WASHINGTON	WA	K01AI116298	Optimizing repeat HIV testing during pregnancy and postpartum for PMTCT	\$126,387
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$789,642

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2019	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$219,057
2019	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,994,326
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$10,403,714
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$480,737
2019	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$234,210
2019	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI116908	The role of mycobacterial efflux pumps in virulence and antibiotic tolerance	\$176,644
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI113325	BCAP/PI3K regulation of innate immunity to Listeria monocytogenes	\$435,000
2019	UNIVERSITY OF WASHINGTON	WA	R21AI130797	B. pseudomallei infection of the human lung	\$188,048
2019	UNIVERSITY OF WASHINGTON	WA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	\$190,188
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124693	Control of CD8+ T cell activation and differentiation by the signaling adaptor BCAP	\$505,393
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	\$448,675
2019	WASHINGTON STATE UNIVERSITY	WA	R21AI130645	Vacuole lysis by type III translocator proteins	\$197,965
2019	UNIVERSITY OF WASHINGTON	WA	R01AI119675	Conformational dynamics of adhesive bonds	\$571,991
2019	UNIVERSITY OF WASHINGTON	WA	R01AI125498	Delivering PrEP in Pregnancy	\$1,018,227
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI120714	Mucosal microbiome and vaccine responses in HIV-exposed African infants	\$447,645
2019	UNIVERSITY OF WASHINGTON	WA	R21AI132960	Characterizing the Metabolic Requirements of Recent Thymic Emigrants	\$264,313
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI138011	Regulation of Natural Killer Cells by Caspases	\$220,000
2019	UNIVERSITY OF WASHINGTON	WA	K24AI137310	Pulmonary Innate Immunity & Resistance to Mycobacterium Tuberculosis Infection	\$179,469
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI145890	Immune Control of Group B Streptococcal Placental	\$915,712
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI134878	Harnessing Tissue Resident Memory T Cells for Immunotherapy of Herpes Virus Infections	\$667,493
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI136572	Effector Function of Regulatory T Cells in EAE	\$235,375
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI135381	Diversity and modularity of innate immune responses to H. pylori	\$220,000
2019	UNIVERSITY OF WASHINGTON	WA	R03AI140183	A Prospective Cohort Study to Determine Optimal Timing of Test of Cure for Pharyngeal Gonorrhea with NAAT	\$77,750
2019	UNIVERSITY OF WASHINGTON	WA	F31AI140836	Evaluating predictors of HIV vaccine efficacy: Statistical methods for estimation, testing, and inference	\$44,219

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	PAI LIFE SCIENCES INC	WA	R43AI142908	Production and Validation of Sj-p80 as a Veterinary Schistosomiasis Vaccine	\$224,999
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI141712	Eliminating human rabies: impact of enhanced vaccination coverage	\$590,274
2019	UNIVERSITY OF WASHINGTON	WA	R34AI129900	Systems analysis and improvement approach to optimize the pediatric HIV diagnosis and care cascade (SAIA-PEDS)	\$205,103
2019	UNIVERSITY OF WASHINGTON	WA	R21AI140881	Development of Dual Efficacy Therapeutic Against Cryptosporidiosis and Giardiasis	\$220,365
2019	UNIVERSITY OF WASHINGTON	WA	R21AI144938	Sofosbuvir Protection of the Fetal Brain from Zika Virus Infection in Pregnancy	\$264,500
2019	PAI LIFE SCIENCES INC	WA	R43AI140708	Process Development for a Lymphatic Filariasis Vaccine, (LFGuard?)	\$224,988
2019	UNIVERSITY OF WASHINGTON	WA	R21AI147536	Role of cannabinoid receptor 1 in lung injury and resolution	\$264,688
2019	UNIVERSITY OF WASHINGTON	WA	R01AI145954	Identity, function and control of Francisella effectors encoded outside its pathogenicity island	\$720,593
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI146391	Mechanisms of nutrient acquisition by malaria parasite mosquito stages	\$232,500
2019	UNIVERSITY OF WASHINGTON	WA	R01AI140868	Structural and dynamic traits underlying phenotypic variation in HIV-1 Env	\$559,956
2019	UNIVERSITY OF WASHINGTON	WA	R01AI132708	The Notch Signaling Pathway Regulates Basophil Responses During Helminth Infection	\$369,264
2019	UNIVERSITY OF WASHINGTON	WA	R56AI145498	Interrogating complexes involved in HIV-1 assembly with biochemistry, imaging, and a small molecule	\$441,250
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI138212	Expansion and targeted maturation of germline HIV-1 bNAb-associated BCRs	\$1,790,906
2019	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$666,121
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$375,233
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$523,059
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$488,032
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$30,170,000
2019	UNIVERSITY OF WASHINGTON	WA	R01AI116292	Systems and carcinogenic impact assessment of topical microbicides on human mucosa	\$608,916
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K25AI119229	Elucidating phosphorylation signaling networks in infectious Plasmodium parasites	\$136,377
2019	UNIVERSITY OF WASHINGTON	WA	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$187,312
2019	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$147,927

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$470,750
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122991	Statistical methods for HIV-1 immune correlates studies	\$306,625
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI119159	Low pH-mediated HSV fusion and entry	\$377,500
2019	UNIVERSITY OF WASHINGTON	WA	K23AI120793	Impact of maternal HIV on Mycobacterium tuberculosis infection among peripartum women and their infants	\$184,588
2019	UNIVERSITY OF WASHINGTON	WA	R01AI125189	Qualification of Assays to Measure Human T-cell Responses Against Mycobacterial Lipid Antigens	\$572,000
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127893	High-throughput experiments to guide influenza vaccine strain selection	\$423,624
2019	UNIVERSITY OF WASHINGTON	WA	K23AI129659	Determining the component causes of systemic immune activation that moderate HIV acquisition and establishment of the latent viral reservoir	\$180,814
2019	UNIVERSITY OF WASHINGTON	WA	R01AI114630	Innate Immune Response to Hepatocyte Death	\$410,606
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI132774	Mechanisms of IL-6 mediated T cell pathogenesis in autoimmunity	\$849,019
2019	UNIVERSITY OF WASHINGTON	WA	R01AI131403	VIRUS-LIKE PARTICLES WITH STABILIZED TRIMERIC ENVELOPE FOR PRIME BOOST IMMUNIZATION	\$615,347
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI128792	Mucosal injury from sexual practices: Behaviour and biology of South African adolescents	\$583,595
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI124770	Immune responses to HSV-2 recurrence replenish HIV tissue reservoirs during ART	\$458,266
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI137815	Structural Analysis and inhibitor optimization of Cryptosporidium n-myristoyltransferase for drug discovery	\$332,371
2019	UNIVERSITY OF WASHINGTON	WA	F30AI136636	Role of antibodies in vertical transmission of HIV-1	\$50,016
2019	WASHINGTON STATE UNIVERSITY	WA	R21AI133158	Mechanistic Studies of the Antigenic Variation System of the Lyme Disease Pathogen	\$229,500
2019	WASHINGTON STATE UNIVERSITY	WA	R21AI139844	Genetic Determinants of Arthropod Host Adaptation by the Lyme Disease Spirochete	\$222,016
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI137571	Serine hydrolase regulators of Mycobacterium tuberculosis non-replicating states	\$235,375
2019	LUMEN BIOSCIENCE, INC.	WA	R41AI138623	Development of a Spirulina-based oral malaria vaccine	\$297,071
2019	UNIVERSITY OF WASHINGTON	WA	R01AI141391	Adaptive Liver Tolerance via LSECs	\$388,750
2019	UNIVERSITY OF WASHINGTON	WA	R01AI142647	The effect of HIV exposure and infection on immunity to TB in children	\$828,368
2019	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI139385	Impact of Cumulative Exposure to Respiratory Viruses after Allogeneic Hematopoietic Cell Transplantation	\$187,140
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI141435	Tissue Regulatory T Cells in Mucosal Infection	\$549,799

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF WASHINGTON	WA	R21AI142369	Exploring the frequency of rectal gonorrhea and chlamydia from sexual behaviors other than receptive anal intercourse	\$225,147
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI138067	Investigating the role of hemophagocytic macrophages in malaria	\$207,125
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI147846	Defining the protective efficacy of antibodies against the EBV gH/gL glycoprotein complex	\$765,542
2019	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$654,518
2019	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$353,299
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$368,459
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI082870	Francisella tularensis Pathogenesis	\$411,130
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI112323	A FOXP3 complex that controls human regulatory T cell function	\$424,500
2019	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$12,000
2019	UNIVERSITY OF WASHINGTON	WA	R01AI110708	Rac: a critical regulator of the cytoskeleton and membrane trafficking in Giardia	\$386,250
2019	UNIVERSITY OF WASHINGTON	WA	R01AI118962	Antimicrobial Actions of Nitric Oxide	\$386,250
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI114699	Innate immune responses to malaria liver stage infection	\$581,426
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	\$574,721
2019	UNIVERSITY OF WASHINGTON	WA	R01AI132356	The role of redox sensing in Listeria monocytogenes pathogenesis	\$367,516
2019	UNIVERSITY OF WASHINGTON	WA	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	\$399,006
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137758	Signal transduction of cGAMP during innate immune responses	\$205,461
2019	UNIVERSITY OF WASHINGTON	WA	R21AI139740	Modeling the generation and function of atypical memory B cells in Plasmodium infection	\$220,573
2019	UNIVERSITY OF WASHINGTON	WA	R21AI131269	Role of IRE1 Alpha in Zika Virus Infection	\$302,494
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI139344	Using Legionella-amoeba co-evolution to reveal new modes of immunity and pathogenesis	\$108,648
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137430	Interaction of the Burkholderia type VI secretion system with innate host defenses	\$217,375
2019	UNIVERSITY OF WASHINGTON	WA	R03AI144143	A Pilot Study to Evaluate Plasmodium falciparum Liver-Stage Challenge in Prime-and-Trap Vaccinated Rhesus Monkeys	\$88,125
2019	UNIVERSITY OF WASHINGTON	WA	F30AI142870	Defining the Prevalence and Viral Genetics of Zika Virus in Kenya	\$39,677
2019	UNIVERSITY OF WASHINGTON	WA	R21AI142667	Novel approaches to study the intersection of cellular heterogeneity and tissue microanatomy	\$264,500

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2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI133388	A chemical proteomics survey of Plasmodium gametocyte development	\$235,375
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI132819	Mechanisms of T Cell Memory Quiescence	\$523,322
2019	UNIVERSITY OF WASHINGTON	WA	R01AI139254	Non-invasive diagnosis of adult pulmonary tuberculosis	\$346,207
2019	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$716,705
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI146028	Blending deep learning with probabilistic mechanistic models to predict and understand the evolution and function of adaptive immune receptors	\$632,498
2019	UNIVERSITY OF WASHINGTON	WA	R21AI147575	Role of type 1 fimbrial mutations in the pathogenesis of pandemic E. coli	\$233,250
2019	THE GENEVA FOUNDATION	WA	R01AI132313	Advancing a Candidate Polyclonal Antibody Therapy for Hantavirus Disease	\$1,079,215
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$621,477
2019	UNIVERSITY OF WASHINGTON	WA	R21AI130655	SUMOylation and the type I interferon response	\$220,521
2019	UNIVERSITY OF WASHINGTON	WA	U19AI144133	University of Washington (UW) Sexually Transmitted Infections (STI) Cooperative Research Center (CRC) - Syphilis Vaccine to Protect against Local and Disseminated T. pallidum Infection	\$2,145,755
2019	UNIVERSITY OF WASHINGTON	WA	R01AI145971	PrEP and dPEP: Doxycycline post-exposure prophylaxis for prevention of sexually transmitted infections among Kenyan women using HIV pre-exposure prophylaxis	\$687,845
2019	UNIVERSITY OF WASHINGTON	WA	R01AI127463	Mechanisms of hepatic innate immune activation by HCV	\$539,963
2019	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$440,887
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$559,411
2019	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$389,875
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI128215	A systems analysis of drug tolerance in Mycobacterium tuberculosis	\$902,060
2019	UNIVERSITY OF WASHINGTON	WA	R21AI125777	Non-tuberculous Mycobacteria & Heterologous Immunity	\$222,775
2019	UNIVERSITY OF WASHINGTON	WA	R21AI130798	Human Alveolar Macrophage Interactions with Francisella tularensis	\$207,425
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI125356	Molecular and Cellular Dissection of Campylobacter Jejuni Effector Protein Function	\$375,168
2019	UNIVERSITY OF WASHINGTON	WA	R01AI139071	C-di-AMP signaling in S. aureus	\$614,636
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI126623	Cell and Gene Therapy for HIV Cure	\$5,044,836
2019	UNIVERSITY OF WASHINGTON	WA	K01AI138620	Modeling approaches to prioritize TB prevention among people with HIV in Uganda	\$129,222
2019	SEATTLE CHILDREN'S HOSPITAL	WA	F32AI126703	The role of vitamin D receptor signaling in T cells during Mycobacterium tuberculosis infection	\$21,869

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	UNIVERSITY OF WASHINGTON	WA	K23AI120761	HIV, malnutrition, and food insecurity in Senegal: A longitudinal study to identify high impact interventions	\$186,629
2019	UNIVERSITY OF WASHINGTON	WA	R01AI106893	Chlamydia virulence: exploitation of host N-glycosylation	\$386,250
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$845,571
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI132634	High content screening of Mycobacterium tuberculosis	\$635,802
2019	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	\$3,561,064
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI123323	Inflammation-driven T Cell Responses and their Dichotomous Effect on Host Immunity	\$540,830
2019	UNIVERSITY OF WASHINGTON	WA	R01AI136468	Impact of versican deficiency on the innate immune response to influenza virus	\$615,325
2019	UNIVERSITY OF WASHINGTON	WA	R21AI130686	CMV as a cause or co-pathogen in cervicitis	\$194,375
2019	UNIVERSITY OF WASHINGTON	WA	R21AI136645	A pharmacokinetic evaluation of new first-line antiretroviral therapy regimens and contraceptive implants among HIV-positive women in Kenya	\$230,709
2019	WASHINGTON STATE UNIVERSITY	WA	R21AI138774	Discovery of Marine Natural Products Effective against the AIDS associated pathogen Cryptosporidium	\$189,063
2019	UNIVERSITY OF WASHINGTON	WA	R01AI132595	The Role of the RIP Kinases in Coordinating Neuroinflammation and Host Defense	\$440,625
2019	UNIVERSITY OF WASHINGTON	WA	R21AI130940	Mice lack a novel innate immune response to intracellular DNA	\$220,260
2019	UNIVERSITY OF WASHINGTON	WA	R61AI138272	Epigenetic & Post-Translational Mechanisms of Macrophage Resistance to Mycobacterium tuberculosis During HIV Co-Infection	\$1,043,172
2019	ORLANCE INC	WA	R43AI140784	Design and Optimization of Clinical Gene Gun for Delivery of Nucleic Acid Vaccines	\$298,613
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI139716	B cell-intrinsic roles for STAT1 gain-of-function mutations in humoral autoimmunity	\$94,150
2019	UNIVERSITY OF WASHINGTON	WA	R21AI138618	Assessing Mother and Infant Antiretroviral Exposure Using Hair Measures	\$157,149
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI134766	Epithelial intrinsic inflammasomes direct host defense against gut microbes	\$431,650
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI132599	Endonuclease-mediated disruption of latent HSV as curative therapy	\$444,609
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134956	Molecular Determinants of Sporozoite / Host Cell Interactions	\$470,750
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI140626	Role of Dock8 in Mucosal Immunity	\$274,115
2019	UNIVERSITY OF WASHINGTON	WA	K08AI130266	Class 1 Histone Deacetylases Regulate Innate Immune Resistance to Mycobacterium tuberculosis Infection	\$189,324
2019	UNIVERSITY OF WASHINGTON	WA	R01AI143916	The biofilm matrix of P. aeruginosa	\$598,794
2019	UNIVERSITY OF WASHINGTON	WA	R01AI145296	Innate Immune Regulation of Zika Virus Infection	\$863,742

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2019	UNIVERSITY OF WASHINGTON	WA	R03AI137626	Improving sanitation through effective malodor control and inactivation of human noroviruses	\$77,750
2019	WASHINGTON STATE UNIVERSITY	WA	R13AI145198	30th Meeting of the American Society for Rickettsiology: Rickettsial Diseases at the Vector-Pathogen Interface	\$7,500
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI147309	Drug Resistance Genotypic and Phenotypic Correlates of Efavirenz and Dolutegravir based Treatment Outcomes across Non-B HIV-1 subtypes	\$900,704
2019	UNIVERSITY OF WASHINGTON	WA	R01AI123196	Innovative approaches to syphilis vaccine design	\$571,736
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134419	Defining HIV reservoirs that rebound following suspension of ART	\$726,094
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127100	Role of the microbiome in HIV vaccine induced heterogeneity	\$739,661
2019	WASHINGTON STATE UNIVERSITY	WA	R21AI139772	TICK-PATHOGEN INTERFACE: INVESTIGATING CROSSTALK BETWEEN STRESS RESPONSES AND IMMUNITY	\$191,250
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI143989	Integrins, non-canonical autophagy and GC B cell response to viruses	\$606,540
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI135817	Allergen T cell epitopes and phenotypes in peanut allergy and immunotherapy	\$1,278,096
2019	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$254,451
2019	UNIVERSITY OF WASHINGTON	WA	R37AI036929	Actin-based motility of a bacterial pathogen	\$277,580
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$645,753
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$2,302,202
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI138709	Characterizing the broad antibody response to HIV superinfection	\$802,400
2019	UNIVERSITY OF WASHINGTON	WA	F31AI140530	Defining the roles of OAS1 isoforms in RNA virus immunity	\$40,327
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI120961	DEFINING THE INFANT IMMUNE RESPONSE TO HIV	\$839,137
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122912	Identification and Analysis of HIV-specific Naive B cells in HIV-unexposed Individuals	\$516,660
2019	UNIVERSITY OF WASHINGTON	WA	R01AI125026	Role of proviral loci in HIV latency	\$833,533
2019	UNIVERSITY OF WASHINGTON	WA	R01AI118803	The Development and Function of Plasmodium-specific memory B cells	\$597,565
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI129992	Effectors of Brucella intracellular replication	\$447,617
2019	UNIVERSITY OF WASHINGTON	WA	R01AI129715	Evaluating the relationship of CD101 and UBE2V1 to genital mucosal inflammation	\$700,669
2019	UNIVERSITY OF WASHINGTON	WA	R01AI124968	Impact of a novel screening program to detect acute and prevalent HIV infection and reduce HIV transmission	\$561,795

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2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI135680	Exosome-based biomarkers of persistent vivax malaria liver infection	\$185,187
2019	UNIVERSITY OF WASHINGTON	WA	R01AI134713	The Roles of Lymphoid Tissue Microenvironments in Guiding the Immune Response	\$524,320
2019	UNIVERSITY OF WASHINGTON	WA	R33AI122361	Ex Vivo Detection and Analysis of Non-inducible Latent HIV	\$522,571
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137956	Post-transcriptional regulatory modules: a novel host-pathogen interface that determines outcomes of viral infection	\$220,573
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI136946	Mechanisms and consequence of helical shape generation in Helicobacter pylori	\$475,685
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI130072	Genetic Regulation of Developmental Transitions in Chlamydia	\$563,615
2019	UNIVERSITY OF WASHINGTON	WA	R03AI140922	Preventing, detecting, and treating incident maternal HIV infection for PMTCT	\$74,698
2019	UNIVERSITY OF WASHINGTON	WA	R01AI137111	Integrated Multi-omics of Melioidosis	\$871,221
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI142302	Proteogenomic resource for the development of novel markers for Lyme disease	\$293,522
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI137234	Development of a pre-erythrocytic P. vivax vaccine to prevent clinical relapse	\$844,617
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI144231	New Approaches for the Identification of Critical Signals for Mast Cell Function	\$282,450
2019	ORLANCE INC	WA	R44AI122371	DNA prime / rVSV boost Multi-Antigen Universal Influenza Vaccine	\$1,000,000
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI140514	Role of Vaccine-Induced Tissue-Resident Memory CD8 + T Cells in Protection Against Vaginal HSV-2 Infection	\$40,504
2019	UNIVERSITY OF WASHINGTON	WA	R21AI137748	Liver-stage Plasmodium protein export to the host cell to inform vaccine design.	\$264,688
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI142267	Vaccine-based immunotherapy as an adjunct to drug treatment against NTM	\$261,150
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$699,819
2019	UNIVERSITY OF WASHINGTON	WA	R21AI147177	Modulation of antiviral responses against influenza infection by long non-coding RNAs	\$278,821
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$901,025
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI065545	Chlamydial invasion of non-phagocytic cells	\$381,621
2019	UNIVERSITY OF WASHINGTON	WA	F30AI136326	Comprehensive antigenic mapping of seasonal influenza viruses	\$39,405
2019	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$696,541
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$21,276,122

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2019	UNIVERSITY OF WASHINGTON	WA	UM1AI120176	Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)	\$1,708,470
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI123135	Multiplexed immuno-SRM screening for primary immunodeficiencies	\$875,319
2019	UNIVERSITY OF WASHINGTON	WA	R01AI129673	Approaches to Improve the Efficacy of Prime-boost Immunization against HIV/AIDS	\$891,161
2019	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$386,250
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI119133	Human Herpesvirus 6 in Lower Respiratory Tract Disease and Chromosomal Integration after Hematopoietic Cell Transplantation	\$190,557
2019	UNIVERSITY OF WASHINGTON	WA	R33AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$485,210
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$510,000
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI125160	Immunotherapy to prevent drug-resistant tuberculosis	\$1,338,012
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124220	IL-33 and food allergy	\$566,296
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI138258	Can a modest change in regulation of NOD1 expression have a major impact on inflammation and gastric cancer?	\$236,355
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI141707	Prospectively characterizing the functional and antigenic effects of mutations to viral entry proteins	\$439,462
2019	KINETA INC	WA	R01AI141102	Advanced development of a viral entry inhibitor as a therapeutic for arenavirus hemorrhagic fever	\$1,370,459
2019	UNIVERSITY OF WASHINGTON	WA	R01AI141857	Liver resident memory for malaria	\$748,391
2019	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$490,036
2019	UNIVERSITY OF WASHINGTON	WA	K08AI143926	Macrophages and Resistance to Mycobacterium Tuberculosis Infection in Humans	\$190,296
2019	UNIVERSITY OF WASHINGTON	WA	R21AI143341	NanoDisk-MS measured Mtb antigen peptides for TB diagnosis and treatment monitoring in HIV-infected children	\$209,047
2019	UNIVERSITY OF WASHINGTON	WA	R61AI147354	HIVAcute: rapid sample-to-result self-testing for HIV RNA	\$449,887
2019	UNIVERSITY OF WASHINGTON	WA	R01AI145483	Drug-eluting fibers for on-demand and extended protection against HIV	\$778,084
2019	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI141953	A systems approach to manipulate microbial adaptation to structured environments	\$927,560
2019	UNIVERSITY OF WASHINGTON	WA	R56AI141494	CD180 targeted immunotherapeutic for chronic HBV in HIV infected patients	\$907,661
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI147877	Discovery and Characterization of Capsid-Targeting Lentiviral Restriction Factors	\$440,000
2019	VIRTICI LLC	WA	R43AI147773	A Novel Therapeutic Peptide to Treat P. aeruginosa Infection in Cystic Fibrosis Patients	\$299,836

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI144874	Identification of essential kinases in Leishmania	\$232,500
2019	UNIVERSITY OF WASHINGTON	WA	R01AI143265	JAK-STAT Control of Zika Virus-Induced Fetal Injury	\$919,950
2019	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$435,000
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121129	Immunoprotective Properties of Tissue-resident Memory T Cells in Mice and Humans within Mucosal Sites	\$819,943
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI143227	Translational Reprogramming by Regulatory T Cells	\$272,888
2019	WASHINGTON STATE UNIVERSITY	WA	R56AI139476	Impact of cytosolic material acquisition by macrophages and dendritic cells on the immune response to intracellular pathogens	\$260,756
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$986,460
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$752,565
2019	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$4,742,830
2019	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$981,464
2019	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$556,592
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI140891	Complete mapping of immune selection from antibodies to HIV	\$418,755
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI129548	Regulation of pathogenic T cells in EAE	\$428,750
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	T32AI118690	Training Program in Infectious Diseases in the Immunocompromised Host	\$319,422
2019	UNIVERSITY OF WASHINGTON	WA	K24AI130263	Immunopathology of Indirect Airway Hyperresponsiveness in Asthma	\$129,206
2019	UNIVERSITY OF WASHINGTON	WA	R03AI143351	Advancing point-of-care diagnostics for integrated HIV and TB care in South Africa	\$72,811
2019	UNIVERSITY OF WASHINGTON	WA	R01AI044257	Role of B cell activating factor (BAFF) in B cell responses and autoimmunity	\$505,985
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI131914	Identification of Novel Mucosal Immune Mechanisms Involved in Protection from HIV-1	\$829,628
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133976	Role of the hyaluronidase in GBS Virulence	\$904,628
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121242	TCR-like antibodies for HPV-induced cancer basic research and theranostics	\$429,120
2019	UNIVERSITY OF WASHINGTON	WA	R01AI136648	A Rapid Point-of-Care Test to Improve ART and PrEP Adherence	\$777,019
2019	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI136475	Targeting the IL-2/regulatory T cell axis for autoimmune disease prevention in realistic animal models	\$679,264

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2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI134808	The Gut Microbiota and Graft versus Host Disease (GVHD)	\$743,338
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	F32AI136371	Development of a novel replicating viral RNA vaccine platform	\$61,610
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI137599	Phosphotyrosine Recognition in Bacteria	\$94,150
2019	UNIVERSITY OF WASHINGTON	WA	R01AI136921	TOLLIP Deficiency, Immune Dysregulation, and Tuberculosis Susceptibility	\$450,667
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134630	Mediators of fatty liver disease during HIV/SIV and cART treatment	\$893,138
2019	UNIVERSITY OF WASHINGTON	WA	R21AI132994	Resistance Selection Potential of the Long Acting Lipoglycopeptides Dalbavancin and Oritavancin	\$194,375
2019	PHASE GENOMICS INC	WA	R44AI122654	Deconvolution and Assembly of Metagenomes Using Chromatin Conformation Capture	\$749,394
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI140900	CRISPR-assisted provirus tagging in vitro	\$270,197
2019	UNIVERSITY OF WASHINGTON	WA	R01AI134293	Identification of drug-targetable IFN-stimulated genes mediating immune activation during ART-treated HIV-1 infection	\$756,974
2019	UNIVERSITY OF WASHINGTON	WA	R61AI140460	HIV-specific target capture and quantitative isothermal amplification for acute HIV diagnosis and treatment monitoring	\$461,731
2019	UNIVERSITY OF WASHINGTON	WA	R01AI136979	Contribution of altered lipid metabolism to resistance to cell envelope-targeting antimicrobials in MRSA	\$463,818
2019	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI129360	The role of Esx-3 in mediating drug resistance	\$435,250
2019	ORLANCE INC	WA	R44AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	\$569,505
2019	UNIVERSITY OF WASHINGTON	WA	R21AI127981	Immunogenic and adherence epitopes of the MgpB adhesin of Mycoplasma genitalium	\$193,175
2019	SEATTLE CHILDREN'S HOSPITAL	WA	U01AI142001	Inducing durable, protective immune memory against malaria	\$839,196
2019	WASHINGTON STATE UNIVERSITY	WA	R01AI132406	Regulatory Role of Tandem Tryptophan Codons in Chlamydial Persistence	\$471,471
2019	UNIVERSITY OF WASHINGTON	WA	R01AI130280	Regulation of Allergen-Induced Airway Pathophysiology by Versican	\$781,075
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI140951	Kinetics, evolution, and effector function of Fc repertoires during vaccination with native-like Env trimers	\$912,255
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R13AI145197	3rd Symposium on Infectious Diseases in the Immunocompromised Host	\$18,000
2019	UNIVERSITY OF WASHINGTON	WA	K23AI140918	Novel clinic-based TB diagnostics and testing algorithms for persons with HIV	\$188,985
2019	UNIVERSITY OF WASHINGTON	WA	R01AI126785	Functional genomics for Chlamydia	\$680,588

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2019	UNIVERSITY OF WASHINGTON	WA	R21AI145450	Optimizing viral suppression for pregnant and postpartum women living with HIV through HIV resistance testing (Opt4Mamasplus)	\$161,350
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI130685	Protein kinase AEK1 as a T. brucei drug target and its potential in other trypanosomatids	\$238,806
2019	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI141602	Molecular Mechanisms in Pediatric Cerebral Malaria Pathogenesis and Immunity	\$782,377
2019	UNIVERSITY OF WASHINGTON	WA	U01AI148055	"NextGen Long-acting Platform: Targeted Combination Antiretrovirals"	\$794,929
2019	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI143418	Statistical Methods for Evaluating and Guiding Implementation of New HIV Prevention Strategies	\$815,924
2019	UNIVERSITY OF WASHINGTON	WA	F30AI140620	Defining defensin-mediated inhibition and enhancement of rotavirus infection	\$39,910
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$194,721
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$375,960
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$447,721
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI131267	Macrophage Redox State in Sterilizing and Injurious Inflammation	\$419,879
2019	Flugen, Inc.	WI	R44AI109925	Development of a novel highly effective influenza vaccine	\$655,680
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI138918	Chemical biology strategies for delineating the role of inter-species cell-cell communication in bacterial co-infections with Pseudomonas aeruginosa and the Burkholderia cepacia complex	\$63,746
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132519	Pathways of vertical Zika virus transmission in nonhuman primate pregnancy	\$742,707
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI137409	Germination and Pathogenesis of Cryptococcus Spores	\$369,853
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI136500	Mechanisms of iNKT cell anti-viral adjuvancy	\$382,500
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K01AI132741	Estimating childhood infectious disease outbreak risk in the context of heterogeneous vaccine coverage	\$100,114
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI134660	Intrinsic cephalosporin resistance in enterococci	\$385,000
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI139306	Characteristics of Botulinum Neurotoxins that determine potency	\$658,892
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121217	Identification of protective Lyme disease antigens using live attenuated vaccines	\$378,224
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI135166	An optogenetic toolkit for spatiotemporal control of gene expression in Candida albicans	\$235,067
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI147607	Develop novel trans-tympanic drug delivery formulas to treat otitis media	\$231,000

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2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$553,049
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$650,689
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$11,206,205
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125392	Mechanisms of influenza transmission bottlenecks: impact on viral evolution	\$659,143
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$344,250
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI136014	Immune response to Zika infection at the primate maternal-fetal interface	\$191,250
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134807	CTFC Mediated HSV-1 Gene Expression in Latency and Reactivation	\$356,367
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$378,741
2019	VERSITI WISCONSIN, INC.	WI	R21AI145323	A Novel Human Regulatory B Cell Subset	\$250,500
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$560,484
2019	SCARAB GENOMICS LLC	WI	R44AI094823	Toxoid adjuvant CRM197 production in a stable reduced genome E. coli strain	\$1,000,000
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI125334	Role of the retinoic acid pathway during graft-versus-host disease	\$385,155
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI130411	Lung epithelial cell regulation of immunity to inhaled fungi	\$461,658
2019	SCARAB GENOMICS LLC	WI	R44AI143170	Lysis-free extraction of biopharmaceuticals from the periplasm of Clean Genome E. coli	\$1,067,360
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI125053	Fecal Microbiota Transplant for C. difficile Infection in Solid Organ Transplant Recipients	\$1,002,166
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI137070	Identification and Characterization of Genes Required for Listeria monocytogenes Cytosolic Survival	\$544,104
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI144744	Nasal cytokine responses in children with viral upper respiratory infection	\$309,167
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI145871	Identification of targets of the antiparasitic drug praziquantel	\$438,156
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI133594	Mechanism of radiation induced endovascular injury and mitigation via the Notch-Dll4 pathway	\$717,118
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$391,169
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$1,349,816
2019	VERSITI WISCONSIN, INC.	WI	R01AI125741	The Cellular and Transcriptional Control of CD8 T Cell Functional Adaptation to Chronic Viruses	\$417,500

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2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$1,376,867
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134692	Enterotoxin-Mediated Development of Staphylococcus aureus Infective Endocarditis	\$595,446
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI130542	Analysis of PASTA kinase function in Enterococcus faecalis	\$191,414
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$387,292
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118389	Vaccines Against Botulism	\$578,347
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125390	Proteomics of eosinophil activation	\$376,140
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$1,860,947
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI135745	Materials that Block Quorum Sensing and Attenuate Bacterial Infection in Skin Wounds	\$184,890
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI130089	Transcriptional Control of Human Cytomegalovirus Latency	\$369,780
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI139180	Evading innate immunity during human cytomegalovirus latency	\$355,828
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI138647	Assessing the impact of acquired immunodeficiency on congenital Zika virus	\$747,439
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI132414	Cytomegalovirus manipulation of functional cortical tissue development	\$761,584
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K22AI137122	CRISPR-based Functional Genomics in Pathogenic Bacteria	\$106,942
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI141090	Immunogenicity of A Novel Live Attenuated Tuberculosis Vaccine	\$184,890
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI144060	Orthogonal Approaches to Understanding the Role of PASTA Kinases in beta-lactam Resistance	\$225,325
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI147060	Effects of EBV Type on Viral Reactivation	\$519,621
2019	INTERNATIONAL EOSINOPHIL SOCIETY INC	WI	R13AI147390	11th Biennial Symposium of the International Eosinophil Society, Inc.	\$15,000
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI142720	Novel antimicrobials targeting MDR pathogens from animal microbial symbionts	\$6,205,014
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI148379	Assessing ADCC and Fc-mediated Protection against HIV	\$684,196
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110617	The Role of Complement Inhibition in Expanded Criteria Kidney Transplantation	\$799,989
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M. tuberculosis evolution	\$374,020
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI125231	University of Wisconsin Transplant Reseach Training Program	\$265,582

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2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$417,999
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI137280	Neurovirulent HSV-1 Recombinants for vQTL Analysis	\$191,250
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI144016	Sexual Development of Toxoplasma in Feline Intestinal Organoids	\$379,710
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI136994	Epigenetic Mechanism Reprogramming Mucosal Anti-viral Immunity in Allergic Asthma	\$705,245
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI144225	Mycobacterium LDs sequester proteins leading to NRP	\$231,000
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI142481	Obesity, Toll-Like Receptors, and Human Sensitivity to the Environment	\$232,375
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI146634	Development of a biological containment strategy for recombinant Lactobacillus reuteri	\$232,375
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$210,204
2019	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$375,959
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI119140	Natural vs. Pathogenic Th17 responses to col Va1, Ka1 tubulin and vimentin	\$376,140
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118799	Functional Analyses of Borrelia burgdorferi Adhesins	\$656,503
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125271	Regulation of the influenza virus polymerase	\$382,500
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI143800	Exploiting Natural Post-Integration Barriers to Restrict HIV-1 Replication	\$256,604
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132627	Mechanisms and use of penicillin-binding protein inhibition to optimize cationic peptide anti-MRSA treatment	\$486,349
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035681	Molecular pathogenesis of Blastomycosis	\$494,393
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	\$451,596
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F30AI131449	Elucidating the mechanism of UL138 mediated suppression of lytic phase genes during human cytomegalovirus latency.	\$49,511
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	P01AI132132	Zika virus pathophysiology during pregnancy	\$2,030,846
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$598,843
2019	BELLBROOK LABS LLC	WI	R43AI141281	Discovery of cGAS Inhibitors for Interferon-Driven Autoimmune Diseases	\$300,000
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$384,500
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI147157	Exosome-mediated Tolerance in combined Kidney and Stem Cell Transplantation	\$232,500

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2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI121135	Fcgamma receptor-mediated suppression of immunodeficiency virus replication	\$765,191
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134749	Microscale models of inflammation and its resolution	\$752,278
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI137606	Phenotypes of Adaptive Mutations for Zika Virus	\$229,500
2019	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI139341	Defining maternal and neonatal antibody responses in congenital Zika virus infection	\$197,964
2019	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI140510	Investigation of the Porin Function of B. burgdorferi P66	\$192,500
2019	MARSHALL UNIVERSITY RESEARCH CORPORATION	WV	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	\$166,621
2019	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI141671	Vaccine Development Against Bacterial Pathogens Based on iron Acquisition Proteins	\$529,676
2019	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI137155	Development of mucosal vaccines to protect against pertussis	\$592,210
2019	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI146376	Microbiome and sex chromosome complement interact in sexually dimorphic immunity	\$228,000
2019	UNIVERSITY OF WYOMING	WY	R21AI135683	Interplay between c-di-GMP signaling, metabolism and virulence in Listeria monocytogenes	\$177,510
2019	UNIVERSITY OF WYOMING	WY	R01AI124804	Impact of Fc N-glycan structure on HIV-specific antibody functions	\$733,243
2018	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$0
2018	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		U19AI129910	Optimizing Surveillance and Treatment for Control of Cutaneous Leishmaniasis	\$0
2018	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		R01AI136862	Parasite polymorphism and host immune response in cutaneous leishmaniasis outcome	\$0
2018	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$0
2018	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$0
2018	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	\$0
2018	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$0
2018	SIMON FRASER UNIVERSITY		R01AI134299	Synthetic bacterial analogs of mammalian oligomannose for eliciting neutralizing antibodies to the high-mannose patch on HIV Env	\$0
2018	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2018	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$0

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2018	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$0
2018	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$0
2018	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$0
2018	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R21AI129507	Microbial interplay between ZIKA virus and the native microbiome in mosquitoes	\$176,000
2018	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	-\$161,981
2018	MAHIDOL UNIVERSITY		R21AI125042	Understanding secondary prevention along the HIV care continuum among HIV+ Thai YMSM	\$0
2018	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI138546	Identification of the HIV Reservoir in Lymph Nodes Using Single Cell RNA-Seq	\$0
2018	WORLD HEALTH ORGANIZATION		U01AI139547	Accelerated public health and biomedical research on priority public health objectives through collaboration between US NIH and WHO	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$110,749
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI132977	Novel mechanism of cos phage size redirection by staphylococcal pathogenicity islands	-\$721
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$0
2018	SOUTHERN RESEARCH INSTITUTE	AL	R01AI132579	Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure	\$740,535
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$0
2018	BIODTECH INC	AL	R44AI114445	Endotoxin Neutralization as a Biomonitor for HIV Disease Progression	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121364	HTS for copper-activated inhibitors against MRSA	\$0
2018	CNINE BIOSOLUTIONS	AL	R43AI132038	Inexpensive, sensitive and specific, point-of-care diagnostic for bacterial infections in the central nervous system	\$0
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI126850	Cytomegalovirus Infection Exacerbates Macrophage-driven Inflammation in Inflammatory Bowel Disease	-\$46,465
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	U01AI133561	The Protein C Pathway in Mitigation of Radiation-Induced Endothelial and Vascular Dysfunction	\$0
2018	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$0
2018	UNIVERSITY OF ARIZONA	AZ	R56AI130044	Mechanisms of Rig-I-like receptor (RLR)-dependent regulation of humoral immunity	\$0
2018	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$57,466
2018	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$0
2018	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	-\$42,484
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$861,906
2018	IGE THERAPEUTICS INC	CA	R44AI122358	CTL for supertype natural IgE cytotoxic peptide (nECP) to guard against allergic asthma	\$0
2018	AVIDBIOTICS CORPORATION	CA	R33AI121692	Title: Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs.	\$0
2018	UNIVERSITY OF CALIFORNIA	CA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$591,722
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$202,855
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	\$942,628
2018	SCRIPPS RESEARCH INSTITUTE	CA	K99AI123498	Structural Studies of the Coronavirus Life Cycle	\$0
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	-\$6,657
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$0
2018	CLICK DIAGNOSTICS, INC	CA	R44AI134565	Commercialization of low cost, disposable, point-of-care molecular diagnostic device for sexually transmitted infections	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI129534	Viral kinetics, immunity and transmission of ZIKV: an exploratory analysis in preparation for vaccine development	\$0
2018	AURITEC PHARMACEUTICALS INC	CA	R43AI136201	Preclinical development of an intravaginal ring for the sustained release of Pritelivir for the treatment and prophylaxis of Genital Herpes in women	\$26,706
2018	ABREOS BIOSCIENCES INC	CA	R44AI138838	Personalized precision dosing of anti-TNF biologic therapies	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137867	Role of chromosomal context in IgVk locus novel enhancer effects on individual Vk gene utilization, germline transcription, and long-range interactions within the Igk locus	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI137681	Identifying individuals at risk of progression to active tuberculosis	\$0

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2018	MICROBEDX, INC.	CA	R43AI127015	UroLogic: Rapid, Near-to-Care Identification and Antimicrobial Susceptibility Testing of Microbes in Urine Specimens from Outpatients with Suspected Urinary Tract Infection	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	R13AI138538	2018 International gamma delta T cell conference	\$0
2018	IMMPort THERAPEUTICS INC	CA	R43AI138827	Protective biomarkers for the development of novel serotype-independent protein-based vaccine candidates against pneumococcus	\$0
2018	SUNOMIX THERAPEUTICS	CA	R41AI138764	A NOVEL SELF-ASSEMBLING PROTEIN NANOPARTICLES-BASED GENITAL HERPES VACCINE	\$0
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI138053	Impact of P. acnes hyaluronidases on acne pathogenesis	-\$190,157
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136735	Elucidating the mechanism of macrophage death during infection with the AIDS-associated opportunistic pathogen Histoplasma capsulatum	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137471	Insect adaptive immunity	\$0
2018	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$56,225
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$43,303
2018	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	-\$1,056
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$0
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127489	Treatment and Prevention of Systemic Candidiasis	-\$33,637
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	\$77,489
2018	SCRIPPS RESEARCH INSTITUTE	CA	F32AI126628	Disrupting quorum sensing through small molecule inhibitors as an alternative to traditional antibiotic treatment	-\$42,206
2018	SOMAGENICS, INC	CA	R44AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Virus	-\$17,471
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137809	Pre-fusion Arenavirus GP trimers: Structural template for functional analysis	-\$81,232
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$33,207
2018	COMBINATI INCORPORATED	CA	R43AI140865	Single-color Multiplexed Digital PCR via High Resolution Melt Analysis of Endpoint Digital PCR Partitions	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI139234	Epitranscriptomic regulation of HBV gene expression	-\$44,257
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI043477	NF-kappaB and Mitochondrial Signals as Positive and Negative Regulators of Inflammation	\$120,216

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2018	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R43AI138882	Development of a simple and robust point-of-care test for detection of Hepatitis C RNA from finger prick whole blood in resource-limited settings	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$67,126
2018	ARISAN THERAPEUTICS INC	CA	R43AI138878	Optimization of Ebola Virus Entry Inhibitors	\$0
2018	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	-\$42
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$0
2018	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	-\$56
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	-\$48,696
2018	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$0
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U19AI129326	Environmental Modifications in sub-Saharan Africa: Changing Epidemiology, Transmission and Pathogenesis of Plasmodium falciparum and P. vivax Malaria	\$0
2018	STANFORD UNIVERSITY	CA	R21AI127581	Parasite-specific proteasome inhibitors to combat multi-drug resistant malaria	-\$34,175
2018	La Jolla Institute For Immunology	CA	R21AI127988	Targeting Angiogenesis Pathways for Therapeutic Protection against Dengue	\$0
2018	GENTEGRA LLC	CA	R44AI132032	Stabilization of the RNA Complement of Enveloped Viruses: Beta Testing and Manufacturing Scale-up of a Novel Filter Paper Product for the Field Collection of Dried Blood Spots	\$0
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128465	Role of meteorin-like in the immune system	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI131520	Understanding C. albicans commensalism and virulence in multiple host environmental niches	-\$20,007
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI133912	Metabolic dependency reveals an Achilles' heel for obligate intracellular pathogens	-\$42,411
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI137891	A Novel Droplet Digital PCR Method for Population-based Plasmodium falciparum hrp2 Deletion Diagnosis	-\$193,125
2018	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	-\$234,028
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	-\$66

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2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretary Pathway	-\$333,525
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	-\$188,401
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$0
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	-\$202,241
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120867	Evolution of the Vif E3 Ubiquitin Ligase	-\$37,767
2018	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$234,615
2018	NIMA LABS INC.	CA	R44AI124907	An Integrated, Accurate, and Rapid Peanut Allergen Detector for Consumers	\$0
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	\$386,136
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R03AI131019	Screening for lincRNAs involved in NFkB signaling	-\$1
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	F31AI136312	Contributions of the Annexin A2 Heterotetramer to HPV16 Endocytosis	-\$16,289
2018	STANFORD UNIVERSITY	CA	K99AI135031	Genetic and Biochemical Interrogation of Rotavirus-Cohesin Interaction	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	F30AI136410	Targeted therapeutics against filoviral hemorrhagic fever	-\$6,081
2018	STANFORD UNIVERSITY	CA	R01AI137523	Repertoire studies of human antibodies to RSV and MPV F	-\$1,125
2018	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	-\$157,797
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$0
2018	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R13AI136713	Regulation of Clinical Research Related to HIV CURE	-\$32
2018	STANFORD UNIVERSITY	CA	R21AI123896	Genome Editing to rescue FOXP3 Deficiency in IPEX syndrome	-\$148
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$67,936

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2018	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	-\$516,094
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128519	Mechanochemical regulation of macrophages by the extracellular matrix during wound healing	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	-\$395,405
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI129973	Role of proteasome activity in adaptive immunity	\$0
2018	TENEOBIO, INC.	CA	R43AI134189	Development of novel heavy chain antibody-based therapeutics for polyomavirus infections	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI138053	Impact of P. acnes hyaluronidases on acne pathogenesis	\$175,677
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$0
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	-\$26,787
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129508	Fetal Zika virus infection: role of the human placenta	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128728	TET2 in Host Defense Against Infection	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI129206	SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF HIV-INFECTED CD4 T CELLS IN BLOOD AND LYMPHOID TISSUE USING PCR-ACTIVATED CELL SORTING	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120517	Dissecting the role of Janus Kinases in Common Cytokine Receptor γ -chain signaling in T-cells using chemical genetics	-\$14,262
2018	La Jolla Institute For Immunology	CA	F30AI136410	Targeted therapeutics against filoviral hemorrhagic fever	\$6,081
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$0
2018	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	\$0
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$0
2018	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$0
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$0
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI130210	Immune Surveillance of Antigen Processing Pathway	-\$535,188

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2018	SYNTHETIC GENOMICS VACCINES, INC.	CA	R33AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$0
2018	MEISSA VACCINES INC	CA	R56AI137848	Rationally designed live attenuated RSV vaccines	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135201	The role of HLA and its coreceptors in endothelial cell activation and leukocyte recruitment in antibody-mediated transplant rejection	\$0
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	-\$39,778
2018	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$433,430
2018	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$179,340
2018	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R13AI133972	2017 Scientific Meeting of the International Leptospirosis Society	\$0
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$0
2018	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	\$0
2018	SCRIPPS RESEARCH INSTITUTE	CA	U01AI130842	PTPN22 R619W in NOD mice	-\$16,905
2018	NIRMIDAS BIOTECH INC	CA	R21AI131689	A Nanoscale Plasmonic-Gold Platform for Specific Diagnosis of Zika and Differentiation from other Flavivirus Infections	\$19,150
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$0
2018	La Jolla Institute For Immunology	CA	R21AI128609	Design and evaluation of HLA-A, -B, and -C binding peptides that disrupt inhibitory KIR/MHC interaction and activate NK cells	\$0
2018	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery without need for reconstitution - Phase II	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$0
2018	La Jolla Institute For Immunology	CA	R56AI132765	Deubiquitination in Immune Regulation	\$0
2018	PUBLIC HEALTH INSTITUTE	CA	R01AI135118	Antimicrobial Resistance Transmission Associated with Small-Scale Food-Animal Production in Peri-Urban Communities of Quito, Ecuador	-\$45,789
2018	La Jolla Institute For Immunology	CA	R56AI137017	Regulation of Lung Inflammation by Protein Ubiquitination	\$0
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI140702	CARD-only protein regulation of cytosolic Pattern Recognition Receptor signaling	\$513,559
2018	CHROMOLOGIC LLC	CA	R44AI108019	MicroRNA-based Radiation Biodosimeter (MiRAD) Phase II	\$0

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2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI128296	Multiplex sequence to activity mapping at the pathway scale	\$0
2018	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136444	Translational Systems Immunology	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136565	Intrinsic Defenses and Counterdefenses	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI130198	TCR signal strength and iNKT cell subset development	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	\$40,556
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI129569	Understanding pathogenic noncoding RNA production in Zika Virus infection	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	\$374,576
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136481	The Resolution of Inflammation in Health and Disease	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141479	Mechanistic basis of bacteriophages for the decolonization of vancomycin resistant enterococci in the intestine.	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$29,785
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	-\$32,002
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138573	Tuberculosis: Translating Scientific Findings for Clinical and Public Health Impact	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136247	Antibodies as Drugs: Translating Molecules into Treatments	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	-\$43,343
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136036	Cell Death and Inflammation	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138574	B Cells: Mechanisms in Immunity and Autoimmunity	\$0
2018	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$0
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136364	Regulation and Dysregulation of Innate Immunity in Disease	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136747	Progress and Pathways Toward an Effective HIV Vaccine	\$0
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138575	Myeloid Cells	\$0

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2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136480	Immunological Memory: Innate, Adaptive, and Beyond	\$0
2018	YALE UNIVERSITY	CT	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$395,405
2018	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$18,002
2018	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$0
2018	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$0
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI130963	Long Non-Coding RNA, TLR Tolerance and Sepsis	-\$380
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$184,145
2018	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	-\$162,194
2018	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$0
2018	YALE UNIVERSITY	CT	R01AI126033	The role of tick gut microbiota in Borrelia burgdorferi transmission to mice	\$0
2018	YALE UNIVERSITY	CT	R21AI131284	Innate antiviral defense against Vaginal transmission of ZIKA virus	\$0
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI136955	IRAK4 and Systemic Lupus Erythematosus	\$0
2018	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$91,769
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	\$459,124
2018	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	-\$59,663
2018	YALE UNIVERSITY	CT	F31AI133855	Metabolic Regulation of follicular B helper T (Tfh) cell development	-\$6,079
2018	YALE UNIVERSITY	CT	R01AI137093	Predicting and monitoring variations in the effects of vaccines against RSV	\$0
2018	INTERNATIONAL AIDS SOCIETY	DC	R13AI138840	22nd International AIDS Conference (AIDS 2018), Amsterdam, the Netherlands, 23-27 July 2018	\$0
2018	GEORGETOWN UNIVERSITY	DC	R13AI138559	The Changing Relevance of Material Transfer Agreements for Infectious Disease Research: Enhancing the Role of Investigators	-\$2,117
2018	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$0
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI138482	14th ASM Conference on Candida and Candidiasis	\$0
2018	CHILDREN'S RESEARCH INSTITUTE	DC	R38AI140298	Children's National Stimulating Access to Research in Residency (CNStARR) Program (NIAID)	\$0
2018	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	-\$475,387
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI136542	4th ASM Conference on Viral Manipulation of Nuclear Processes	\$0
2018	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$129,759
2018	UNIVERSITY OF SOUTH FLORIDA	FL	U19AI089672	Southeast Asia Malaria Research Center	\$1,011,944

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2018	UNIVERSITY OF FLORIDA	FL	R13AI133862	22nd Congress of the International Organization for Mycoplasmaology	-\$114
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI130171	Discovering the essential genome of Plasmodium falciparum	\$0
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$2,425
2018	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$177,824
2018	EMMUNE INC	FL	R43AI136163	Cpf1-mediated inactivation of an AAV transgene	\$0
2018	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	-\$159,160
2018	UNIVERSITY OF FLORIDA	FL	R03AI128123	Swine as a translational model for human brucellosis	-\$68,668
2018	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	-\$22,370
2018	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$0
2018	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$0
2018	EMORY UNIVERSITY	GA	K22AI130223	IL-1 regulation of group A Streptococcus infection	\$0
2018	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$0
2018	GEOVAX INC	GA	R43AI134200	Advanced Preclinical Testing of a Novel Recombinant Vaccine Against Zika Virus	\$0
2018	EMORY UNIVERSITY	GA	U01AI138909	Selective CD28 Blockade in Renal Transplant Recipients	\$0
2018	EMORY UNIVERSITY	GA	R21AI129607	Repurposing drugs to prevent and inhibit Zika virus infections	\$0
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K01AI125830	Integrative Modeling of study design and transmission dynamics to infer epidemic drivers and inform decision-making: Applications to HIV and other emerging pathogens	\$0
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI127793	Neisseria gonorrhoeae metal transporters that subvert nutritional	\$437,166
2018	EMORY UNIVERSITY	GA	R01AI139406	Characterization of Genomics and Metabolomics among Individuals Highly-Exposed, but resistant to Mtb Infection	\$0
2018	EMORY UNIVERSITY	GA	R01AI141883	Mechanisms of phenotypic antibiotic resistance in Gram-negative bacteria	\$0
2018	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$0
2018	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$4,847
2018	EMORY UNIVERSITY	GA	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$0

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2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	-\$9,949
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	\$13,862
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$0
2018	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$0
2018	EMORY UNIVERSITY	GA	UH2AI132345	Multiscale, multifactorial immune networks as a web service	\$0
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI127895	Determining the role of Interleukin-17 in the Immune Response to Respiratory Syncytial Virus Infection	\$281,384
2018	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$0
2018	UNIVERSITY OF IOWA	IA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$165,371
2018	UNIVERSITY OF IOWA	IA	R21AI137468	Francisella tularensis reprograms human neutrophils	-\$208,604
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	-\$19,465
2018	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UG3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	\$0
2018	UNIVERSITY OF CHICAGO	IL	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	-\$291,887
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$395,928
2018	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	-\$90,160
2018	UNIVERSITY OF CHICAGO	IL	R21AI128785	BRWD1 in adaptive humoral immunity	\$0
2018	NORTHWESTERN UNIVERSITY	IL	U01AI131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	-\$489,455
2018	UNIVERSITY OF CHICAGO	IL	R01AI127775	ENDOTHELIAL CELL TROPISM IN THE PATHOGENESIS AND HOST RESPONSE AGAINST INFLUENZA VIRUSES - RESUBMISSION 01	-\$333,803
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$63,055
2018	NORTHWESTERN UNIVERSITY	IL	R01AI120625	Molecular Regulation of Systemic Inflammation	\$0
2018	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$0
2018	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$0
2018	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	-\$1
2018	UNIVERSITY OF CHICAGO	IL	R21AI128469	RNA methylation and regulatory T cells	-\$29
2018	UNIVERSITY OF CHICAGO	IL	R21AI130821	Immunomodulatory roles of lymphatic vessels in allergic airway inflammation	\$0

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2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$4,060
2018	NORTHWESTERN UNIVERSITY	IL	R01AI139054	Siderophores of Legionella pneumophila	\$0
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F32AI129363	Development of a Novel Class of Antibiotics with Activity Against Gram-Negative and Gram-Positive Pathogens	-\$29,519
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI121806	Paratransgenic sand flies	\$67,820
2018	UNIVERSITY OF CHICAGO	IL	F30AI138156	Silicon nanowires for probing effects of membrane voltage on the TCR-CD3 complex	\$0
2018	NORTHWESTERN UNIVERSITY	IL	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	-\$544,184
2018	NORTHWESTERN UNIVERSITY	IL	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	-\$150,653
2018	UNIVERSITY OF CHICAGO	IL	R01AI127518	Novel antiviral activity of interferon-gamma against viral replication complex	\$0
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI126308	Constructing Ensembles of 3D Structures of Igh Locus and Predicting Novel Chromosomal Interactions	\$0
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K99AI128029	Characterization of pneumococcal secretion chaperones required for virulence	\$0
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R15AI131148	Establish a pregnant sow model for assessment of influenza vaccine safety and efficacy during pregnancy	\$331,173
2018	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	-\$299,390
2018	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$0
2018	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI127635	Identification of preclinical drug candidates for the treatment of schistosomiasis	-\$2,930
2018	NORTHWESTERN UNIVERSITY	IL	R01AI140702	CARD-only protein regulation of cytosolic Pattern Recognition Receptor signaling	-\$480,559
2018	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134727	The Role of the Skin Microbiome in Cutaneous Ulcers in Children in the Tropics	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134818	The Role of HBeAg in HBV Persistence	\$0
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$469,883
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI135155	Cellular RNA binding and regulation by NFX1-123 and its perturbation by high risk human papillomavirus E6	\$218,937
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	\$553,557

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2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	\$481,208
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121849	Determining the mechanism of Wolbachia pathogen blocking	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH3AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	\$18,554
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI136904	Development of Antibiotic Adjuvants for Gram-Negative Bacteria	\$0
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI051390	Immunology of factor IX gene transfer to liver	\$159,160
2018	PURDUE UNIVERSITY	IN	R01AI135045	Schistosoma Mansoni Infection During Pregnancy: Dissecting the Implications to Fetal Immunity	-\$239,532
2018	UNIVERSITY OF NOTRE DAME	IN	R21AI137891	A Novel Droplet Digital PCR Method for Population-based Plasmodium falciparum hrp2 Deletion Diagnosis	\$193,125
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127895	Determining the role of Interleukin-17 in the Immune Response to Respiratory Syncytial Virus Infection	-\$228,000
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI133367	Classical Complement Pathway Evasion Mechanisms of Lyme Disease Spirochetes	-\$187,896
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R15AI131148	Establish a pregnant sow model for assessment of influenza vaccine safety and efficacy during pregnancy	-\$331,173
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associated diarrhea	-\$406,970
2018	HAFION LLC	KS	R43AI140856	Determination of protective efficacy of multimeric Shigella vaccine as the next step toward human trials	\$0
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F30AI114194	Elucidating binding, fusion and entry of HMPV in cell culture and host tissue	-\$3,542
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI132410	Role of Intracellular Growth in Dissemination of Listeria from the Gut	\$0
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI129382	Autumn Immunology Conference	\$0
2018	MOSQUITOMATE INC	KY	R44AI112048	Phase II: Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$0
2018	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$0
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134245	Host-Directed Therapy to Augment anti-M. tuberculosis Responses in the Setting of HIV Co-infection and to Sterilize the Tuberculoma	\$866,689
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI128130	Role ofIDO in tryptophan pathway during Mycobacterial Tuberculosis infection	\$324,975
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI128130	Role ofIDO in tryptophan pathway during Mycobacterial Tuberculosis infection	-\$190,594

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2018	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	-\$533,327
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134240	Immune Correlates of Protection from TB	\$0
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R13AI138536	Rickettsial Genetic manipulation: thinking out of the box	\$0
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI134245	Host-Directed Therapy to Augment anti-M. tuberculosis Responses in the Setting of HIV Co-infection and to Sterilize the Tuberculoma	-\$633,502
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI138587	SigH based attenuated, efficacious Mtb vaccines to protect against lethal TB	-\$693,240
2018	Louisiana State University System	LA	K23AI137121	mHealth Peer Support to Reduce Rates of STIs in Black MSM PrEP Users	\$146,664
2018	Louisiana State University System	LA	R13AI136447	South Central Medical Mycology Meeting 2017	\$0
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	-\$187,053
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	-\$856,545
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	-\$22,634
2018	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	-\$1
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$0
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI134019	Specialized Pro-Resolving Mediators in the Resolution of Respiratory Viral Infection	\$0
2018	Trustees Of Boston University	MA	R01AI134430	Predictors of Resistance Emergence Evaluation in MDR -TB Patients on Treatment (PREEMPT)	\$0
2018	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$0
2018	SPERO THERAPEUTICS, INC.	MA	R44AI131749	A Novel Gyrase Inhibitor for the Treatment of Drug-susceptible and Multidrug-resistant Mycobacterium tuberculosis Infections	\$0
2018	SELUX DIAGNOSTICS, INC.	MA	R43AI136125	FAST platform for same-shift, complete antibiotic menu antibiotic susceptibility testing	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI135052	The Role of Canonical and Non-canonical Autophagy in B Cell Immunity	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139520	Tracking the flow of malaria parasites and drug resistance within the DRC and across its borders	-\$762,256
2018	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$0

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2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$0
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	-\$83,403
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122363	Dissecting the role of Escherichia coli peptidoglycan synthase activators	-\$6,081
2018	TUFTS UNIVERSITY	MA	R21AI128328	Identification of the Achilles? heel in Acinetobacter fluoroquinolone-resistant mutants	-\$4,570
2018	Trustees Of Boston University	MA	R21AI127623	Trehalose-6-phosphate phosphatase inhibitors as anti-helminthics	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131502	Functional characterization of HtrA, an essential mycobacterial protease	-\$23,850
2018	BRANDEIS UNIVERSITY	MA	R21AI130560	Enzyme-instructed nanoscale assemblies for killing multidrug resistant bacteria	-\$73
2018	BETH ISRAEL HOSPITAL	MA	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	-\$374,576
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI133524	Defining regulators of immunity to acute infection using CRISPR screens	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI136431	Elucidating novel mechanisms controlling cell envelope biogenesis in Streptococcus Pneumoniae	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI138812	Pilot Study to Monitor HIV Cluster Dynamics and Active HIV sub-Epidemics in Real Time	-\$175,383
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI042347	Molecular Biology and Virulence of CTX Phage	\$24,002
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI110165	Killing the Reservoir with Antibodies	-\$9,364
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	-\$190,458
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$0
2018	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillance	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI125096	The Use of Monoclonal Antibodies Delivered by Viral Vector as an HIV-1 Therapeutic	-\$13,810
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122592	Developing in vitro assays to identify small molecules that inhibit human prions	-\$6,081
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI129412	Chemogenomic Interrogation of Non-Genetic Drug Resistance in Plasmodium falciparum	-\$6,081
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130737	Investigation into the epigenetic mechanisms of trained immunity?	\$0
2018	DANA-FARBER CANCER INSTITUTE	MA	R21AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$0
2018	EXTEND BIOSCIENCES INC	MA	R43AI131906	Long-acting ghrelin for the treatment of ARS	\$0

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2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	-\$76,772
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128197	Viral mechanisms of necroptosis evasion	-\$35,479
2018	BETH ISRAEL HOSPITAL	MA	R03AI138083	Role of the Tie2-Angpt axis in the regulation of endothelial cell immunogenicity	\$48,024
2018	Trustees Of Boston University	MA	R21AI140258	Diagnostic and Prognostic Biomarkers for Childhood Bacterial Pneumonia in Sub-Saharan Africa	\$213,760
2018	BETH ISRAEL HOSPITAL	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	-\$92,992
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI116366	Identifying the ligand for the activating NK cell receptor KIR3DS1 and its protective role in HIV-1 disease progression	-\$13,176
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$0
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	-\$13,317,655
2018	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$38,821
2018	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$0
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	-\$165,371
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI115698	Thymocyte integrin regulation by plexinD1	\$0
2018	Trustees Of Boston University	MA	R21AI130889	Genetic modification of cultured Cryptosporidium to test the autoinfection model	\$0
2018	Trustees Of Boston University	MA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	-\$272,054
2018	CLARK UNIVERSITY	MA	R21AI137485	The Aspergillus fumigatus Genetic Variant and Isolate Repository (FumigatusGVIR): A community resource to facilitate association mapping of pathogenicity associated traits	-\$190,301
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI137337	Metabolic Network Remodeling in Epstein-Barr Virus Lymphomagenesis	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI138540	2018 Boston Bacterial Meeting (2018)	\$0
2018	TUFTS UNIVERSITY	MA	R56AI137424	Emergence of tick borne encephalitis in North America	-\$285,596
2018	UNIVERSITY OF MASSACHUSETTS	MA	R13AI140628	6th Annual Meeting of the International Cytokine and Interferon Society	\$0

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2018	BRANDEIS UNIVERSITY	MA	F31AI133945	Ionotropic Receptor Function in Anopheles gambiae	\$0
2018	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$0
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$249,877
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	-\$2
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$0
2018	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	-\$579,562
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	-\$102,561
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124143	CD4+ T cell Tolerance to Enteric Commensal Bacteria	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI137485	The Aspergillus fumigatus Genetic Variant and Isolate Repository (FumigatusGVIR): A community resource to facilitate association mapping of pathogenicity associated traits	\$198,974
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI133989	Solid-state NMR studies of the dynamic interactions of the influenza A M2 membrane protein with water, antiviral drugs, and the M1 protein	\$0
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI129966	Role of Clec2d-DAMP interactions in the pathophysiology of tissue injury and sepsis	\$0
2018	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$0
2018	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	-\$2,827,392
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI128480	Chemical genetic screening to identify synergistic inhibitors of malaria parasite cell cycle regulators	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI123517	Atopy, Leptin and Potential Biomarkers of Comorbid Obesity and Asthma in Inner-City Schoolchildren	-\$50,951
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI134989	Type 2 Mucosal Inflammation Elicited Through an LTE4/GPR99-Dependent Pathway	-\$64,973
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI138083	Role of the Tie2-Angpt axis in the regulation of endothelial cell immunogenicity	-\$48,524
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$0
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI136137	Preclinical development of Novo29, a new antibiotic	\$0
2018	KEPHERA DIAGNOSTICS, LLC	MA	R43AI136172	Point-of-care diagnostic test for T. cruzi (Chagas) infection	\$0
2018	DANA-FARBER CANCER INSTITUTE	MA	F32AI136422	Signaling dynamics and cellular context as drivers of the heterogeneity of macrophage infection by M. tuberculosis	-\$34,118

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2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI116901	The role of fatty acid binding protein aP2 in the pathogenesis and treatment of asthma	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$0
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$19,115
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI133288	Bacterial regulation of lipid immuno-modulators in patients with ulcerative colitis	\$0
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130791	Re-defining RIG-I-like helicases as viral RNA receptors with effector functions	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI137410	Impacts of Environment, Host Genetics and Antigen Diversity on Malaria Vaccine Efficacy	-\$529,313
2018	VOLATYLIX, INC.	MA	R44AI141264	A Rapid Breath Test for Invasive Aspergillosis	\$0
2018	TUFTS UNIVERSITY	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	\$92,992
2018	MICROBIOTIX, INC	MA	R43AI138739	Novel Small Molecule Therapeutics Inhibiting Zika Virus Infection	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$12,494
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$0
2018	UNIVERSITY OF MASSACHUSETTS	MA	R13AI138527	International Immunocompromised Host Society's 20th International Symposium on Infections in the Immunocompromised Host	\$0
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI102634	Dynamic Strategies for the clinical management of HIV disease	\$268,797
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI058736	Optimizing HIV Care in Less Developed Countries	\$770,880
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$9,139
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$0
2018	UNIVERSITY OF MARYLAND	MD	R03AI128232	A Novel Tick Protein Influences Persistence of Lyme Disease Pathogens	\$0
2018	CASCADE THERAPEUTICS, INC.	MD	R43AI138580	Development of Natural Product Derivatives as Antiprotozoal Agents	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	F30AI134431	Accurately Measuring the True Size of the Latent Reservoir and Characterizing the Proviral Landscape in SIV and SHIV Animal Models	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$0

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2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI130595	Targeted Immunotherapy for Tuberculosis and HIV co-infection	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI129769	Unlocking Envelope: A New Strategy for a Functional Cure Through Antibody-Dependent Cell-Mediated Cytotoxicity	-\$424,155
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI130210	Immune Surveillance of Antigen Processing Pathway	\$932,187
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122666	Infection Site Targeted Antitoxin Antibody (ISTAb) against Bacillus anthracis	-\$1
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI127570	Discovery of Novel Therapeutics for Fungal Pathogens	-\$378
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI129218	Serotype independent therapeutic vaccine for Streptococcus pneumoniae	-\$588
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI134495	A Novel Vaccine Platform for Preventing Zika Virus Infection	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI134591	HOPE in Action: A clinical trial of HIV-to-HIV deceased donor kidney transplantation	\$0
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$0
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138578	FASEB SRC on Nutritional Immunology and the Microbiota: Rules of Engagement in Health and Disease	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$9
2018	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	\$25,158
2018	FZATA INC	MD	R01AI132207	A Novel Humanized Tetra-specific Antibody against Clostridium difficile Infection	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI137804	A novel diagnostic tool to aid vaccine evaluation and surveillance of enterotoxigenic E. coli and Shigella	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	-\$116,632

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2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116274	Structural Targeting of Potentially Protective gp120 Epitopes in the C1/C2 Region	-\$379,707
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	-\$492,400
2018	PATHOVAX, LLC	MD	R44AI136236	Papillomavirus-like Particles (VLP) as Broad Spectrum Human Papillomavirus (HPV) Vaccines	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI122631	Role of Semaphorin 4A in Allergic Inflammation	\$15,603
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI064350	Checkpoints in the cellular response to tissue injury	\$427,019
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$0
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$0
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI131099	Role of Circular RNAs in Innate Immunity	\$55,455
2018	JOHNS HOPKINS UNIVERSITY	MD	F31AI129549	Development of prodrug approaches for long-acting nanoformulations of emtricitabine-based regimens	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	UG3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	UH3AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	\$908,950
2018	JOHNS HOPKINS UNIVERSITY	MD	K08AI127908	Translational modeling of individual- and population-level outcomes of novel tuberculosis drug regimens	\$0
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138530	FASEB SRC on Ubiquitin and Cellular Regulation	\$0
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138539	FASEB SRC on Molecular Biophysics of Membranes	\$0
2018	PROFECTUS BIOSCIENCES INC	MD	R44AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	\$0
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI140326	Evolution of Adaptive Immunity	-\$168,069
2018	AERAS GLOBAL TB FOUNDATION	MD	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	-\$342,000

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2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$44,973
2018	JOHNS HOPKINS UNIVERSITY	MD	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	-\$5,982
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138531	FASEB SRC on Virus Structure and Assembly	\$0
2018	JOHNS HOPKINS UNIVERSITY	MD	R13AI140910	International Workshop on Co-morbidities and Adverse Drug Reactions in HIV	\$0
2018	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI131202	Elucidating the Mechanisms of the Neutrophilic Behavior and Hyperinflammatory Response to Influenza Infection	\$0
2018	Regents of the University of Michigan	MI	R21AI127492	Rational design of CNS-permeable cathepsin L inhibitors for treatment of chronic toxoplasmosis	-\$65,338
2018	TSRL, INC	MI	R43AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza Infections	\$0
2018	Regents of the University of Michigan	MI	F31AI136615	Elucidating the role of potassium channels in HIV-1-induced bystander CD4+ T cell death	-\$8,108
2018	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	-\$60
2018	Regents of the University of Michigan	MI	F31AI126651	Characterization of the Mechanism of Glycine induced Germination of Clostridium difficile Spores	-\$24,397
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$198,692
2018	Regents of the University of Michigan	MI	R01AI134678	Structure-based functional annotation of microbial genomes	\$0
2018	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$98,816
2018	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	-\$205
2018	MICHIGAN STATE UNIVERSITY	MI	R03AI130554	Developing novel technologies to address fundamental questions about second messenger signaling	\$0
2018	Bluewillow Biologics, Inc.	MI	R43AI134168	Development of a nanoemulsion-based vaccine for chlamydia infection	\$0
2018	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$0
2018	Bluewillow Biologics, Inc.	MI	R44AI126964	Development of a nanoemulsion-adjuvanted prophylactic HSV-2 vaccine	\$0
2018	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$94,673
2018	Regents of the University of Michigan	MI	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$47,047
2018	Regents of the University of Michigan	MI	R21AI128120	Defining a nutrient niche competed for by gut commensal bacteria and pathogens	\$0
2018	MICHIGAN STATE UNIVERSITY	MI	R21AI140258	Diagnostic and Prognostic Biomarkers for Childhood Bacterial Pneumonia in Sub-Saharan Africa	-\$188,359
2018	UNIVERSITY OF MINNESOTA	MN	R21AI131454	Zika virus evolutionary dynamics in host adaptation	\$78,507

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2018	UNIVERSITY OF MINNESOTA	MN	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	\$584,603
2018	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$0
2018	UNIVERSITY OF MINNESOTA	MN	R01AI140547	The role of thymic type I interferon in tolerance	-\$35,075
2018	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$0
2018	MINNETRONIX INC	MN	R42AI120304	Validation of Novel Therapeutic Approach for Cryptococcal Meningitis	\$0
2018	UNIVERSITY OF MINNESOTA	MN	R21AI137487	Role of TrkA in airway allergic inflammation	\$0
2018	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	-\$113,934
2018	UNIVERSITY OF MINNESOTA	MN	R03AI130978	Generating LynA ^{-/-} and LynB ^{-/-} mice by CRISPR/Cas9 genome editing	\$0
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128087	Optimizing Gene Editing in Primary Human B Cells for Therapy and Research	-\$2,012
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI133716	The influence of Bcl-6 corepressor (BCOR) on Th17 cell development	-\$11,148
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$0
2018	MAYO CLINIC	MN	R21AI127998	IL-10/IL10R in the Regulation of Self-Reactive CTL by CD8+ T-cells	\$0
2018	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	-\$38,600
2018	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$0
2018	WASHINGTON UNIVERSITY	MO	R21AI131206	IDENTIFICATION OF NATURAL GENOMIC VARIANTS THAT INFLUENCE CRYPTOCOCCAL VIRULENCE	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$0
2018	WASHINGTON UNIVERSITY	MO	K08AI128043	Role of virus-receptor interactions in determining norovirus tropism and pathogenesis in vivo	-\$139,421
2018	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$0
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121492	Structures of Membrane bound and Inserted Tetanus Toxin	\$0
2018	WASHINGTON UNIVERSITY	MO	R13AI138535	ANNUAL INTERNATIONAL PEDIATRIC ANTIMICROBIAL STEWARDSHIP CONFERENCE	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI140397	ORIGINS AND FUNCTIONS OF UTERINE NATURAL KILLER CELLS IN PREGNANCY	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$0

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2018	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	-\$17
2018	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	-\$39,197
2018	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$261,898
2018	WASHINGTON UNIVERSITY	MO	R01AI134035	CIS-REGULATORY CIRCUITS FOR ILC FUNCTION AND PLASTICITY	\$515
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$0
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$0
2018	FIMBRION THERAPEUTICS INC	MO	R44AI106112	Anti-Virulence FimH Inhibitors for the Treatment and Prevention of UTIs	\$0
2018	BACTERIOSCAN, INC.	MO	R43AI136184	Minimizing bloodstream infection detection time using laser light-scattering	-\$1,644
2018	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF HOST RESPONSES TO RESPIRATORY VIRAL INFECTION BY ISG15	\$0
2018	WASHINGTON UNIVERSITY	MO	U01AI131342	GUT SPECIFIC AND TIME-LIMITED EVENTS IN EARLY LIFE PROMOTING TOLERANCE	\$0
2018	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$0
2018	WASHINGTON UNIVERSITY	MO	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$0
2018	WASHINGTON UNIVERSITY	MO	K22AI127846	Regulation of Interferon-Lambda Signaling by Commensal Bacteria and Norovirus	\$0
2018	UNIVERSITY OF MISSISSIPPI	MS	R01AI132579	Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure	-\$587,839
2018	INIMMUNE CORP	MT	R43AI136081	Novel synthetic TLR4 agonists	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$67,471
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$1,746
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$608
2018	Duke University	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K22AI125501	Investigating S. aureus persister formation under physiological conditions	\$0
2018	Duke University	NC	R21AI129852	Pregnant rabbits as a model to evaluate the causative role of ZIKV infection in the etiology of congenital malformations	-\$73,102

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$0
2018	RIBOMETRIX LLC	NC	R21AI131801	Targeting the HIV RNA genome using fragment-based ligand discovery	\$36,150
2018	Duke University	NC	R21AI132978	Host-derived biomarker signatures to differentiate acute viral, bacterial, and fungal infection	\$0
2018	Duke University	NC	F31AI131477	Novel Regulatory Controls of Hepatitis C Virus Envelopment and Secretion by the Viral NS4A Protein	-\$2,027
2018	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$0
2018	Duke University	NC	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$188,246
2018	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$0
2018	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$0
2018	ELEMENT GENOMICS INC	NC	R41AI136755	Reprogrammed T Cells to prevent graft versus host disease	\$0
2018	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$0
2018	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$27,235
2018	Duke University	NC	R21AI127551	Defining the Aspergillus fumigatus Calcineurin-Dependent Regulatory Network through Whole Phosphoproteome Analysis	\$0
2018	Duke University	NC	R21AI128283	Study of Subglutinin A as a Potential Immunomodulatory Agent	-\$229
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI129431	Viral and host determinants of Zika virus tissue tropism	-\$15
2018	Duke University	NC	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	\$0
2018	Duke University	NC	R21AI128124	Interferon-driven ubiquitin response targets Chlamydia inclusions in human cells	\$0
2018	EAST CAROLINA UNIVERSITY	NC	R21AI133367	Classical Complement Pathway Evasion Mechanisms of Lyme Disease Spirochetes	\$282,948
2018	NEOCHROMOSOME, INC.	NC	R43AI141053	Yeast synthetic biology platform for pathway-level antimicrobial screens	\$0
2018	AFFINERGY LLC	NC	R44AI140931	Novel assay to monitor Tacrolimus levels at the point of care	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$0
2018	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$0
2018	Duke University	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$0

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2018	Duke University	NC	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$102,561
2018	Duke University	NC	R21AI130574	Effect of m6A editing of RNA on influenza A virus replication	\$0
2018	Duke University	NC	R21AI126024	Spatial Scales of Plasmodium Falciparum Generations; Implications for Elimination	-\$469
2018	Duke University	NC	R21AI125988	Impact of Sickle-Trait on Transcriptional Regulation in P. Falciparum Parasites	\$0
2018	Duke University	NC	R21AI133644	Temperature-dependent transposon mobilization in Cryptococcus neoformans	\$0
2018	Duke University	NC	R13AI136762	HIV Research for Prevention 2018: Vaccine, Microbicide and ARV-based Prevention Science (HIVR4P)	\$0
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI135645	Harnessing Copper to Impede Uropathogen Colonization	-\$210,362
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137525	Biomaterials to study tolerance immune induction kinetics	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$63,859
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	-\$2,027
2018	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$0
2018	Duke University	NC	P01AI131276	The origin, predictors, and immune correlates of viral rebound in orally SHIV infected infant monkeys	\$0
2018	Duke University	NC	F31AI127303	Identifying key determinants of IgG transplacental transfer from HIV-infected mothers to their fetus	-\$20,343
2018	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$0
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	-\$8,254
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	-\$23,412
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI131310	Phase I therapeutic testing of viral-vectored vaccines that shift CD8+ T cell immunodominance to conserved regions of HIV-1	\$0
2018	Duke University	NC	R21AI128197	Viral mechanisms of necroptosis evasion	\$35,479
2018	Duke University	NC	K08AI123524	Investigating a Novel Co-regulation of Multi-Drug Efflux Pumps and Polysaccharide Capsule in E. coli	-\$125,568
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI103311	The role of host and viral translation factors during HCMV infection	-\$1,746
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$6,536

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$0
2018	Duke University	NC	R01AI125604	Dynamics of horizontal gene transfer in response to antibiotic treatment	\$0
2018	Duke University	NC	R13AI138875	2018 INTEREST Conference	\$0
2018	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$189,549
2018	Duke University	NC	R01AI127711	Modulation of Host Cell Environment by Mycobacterial PE/PPE Proteins	-\$240,832
2018	ARREVUS INC	NC	R41AI136072	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant wound infections	-\$387
2018	Duke University	NC	R21AI136556	Antibody and viral determinants of protection against CMV infection following gB/MF59 vaccination	\$0
2018	Duke University	NC	R56AI139216	Discovery and validation of broadly effective LpxH inhibitors as novel therapeutics against multi-drug resistant Gram-negative pathogens	-\$172,680
2018	Duke University	NC	K23AI137121	mHealth Peer Support to Reduce Rates of STIs in Black MSM PrEP Users	-\$183,061
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R03AI128230	Surface antimicrobial coating to prevent bacterial biofilms	\$0
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI130841	Uncovering pathogenic anti-bacterial defense mechanisms to identify novel targets for prevention of T1D	\$0
2018	DARTMOUTH COLLEGE	NH	R21AI127922	Bypassing the restriction barrier to improve transformation in <i>S. epidermidis</i>	\$0
2018	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$11,543
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	-\$5,067
2018	PROKARYOTICS INC.	NJ	R44AI136213	Restoring Beta-lactam efficacy against methicillin-resistant Staphylococci	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in <i>Candida glabrata</i>	-\$45,525
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by <i>Treponema Pallidum</i> , Congenital Syphilis & Novel Vaccine	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135250	Unraveling colistin resistance in <i>Klebsiella pneumoniae</i>	-\$35,732
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI138986	Novel bi-specific immunoprophylactics against multi-drug resistant Gram-negative bacterial infections	-\$1,055,576
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$0
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,248,111

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2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI124217	Impact of Pregnancy on Tuberculosis	\$857,160
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	\$261,901
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132374	Combatting natural resistance and persistence in non-TB mycobacterial disease	-\$40,826
2018	HACKENSACK MEDICAL CENTER	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$932,274
2018	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$54,474
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	-\$2,189,011
2018	HACKENSACK MEDICAL CENTER	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$2,189,011
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI129594	Targeting of Master Signaling Molecule to Restore Functions of Exhausted HIV-specific CTLs	\$212,031
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$0
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI130663	Rapid Diagnosis of Pediatric Tuberculosis	\$0
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$0
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$0
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI131098	Inducing Immune Control of Bacterial Virulence Regulation	-\$1
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	-\$302,084
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI128159	Sex-dependent phagocyte clearance of Staphylococcus aureus	\$0
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$0
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R13AI138528	The 14th ISDCI Congress	\$0
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$227,383
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	-\$263,096
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	-\$460,950
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	-\$423,750
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$356,223
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI130366	Inflammatory monocytes and host control of cryptococcosis	-\$132,317
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	\$424,594
2018	CUNY, RESEARCH FOUNDATION	NY	R03AI128314	Interrogation of Mycobacterium kansasii with Forward Genetics	\$0

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2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	-\$47,076
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130299	Determining West Nile virus antibody-dependent enhancement of Zika virus	\$0
2018	CORNELL UNIVERSITY	NY	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI136916	Preventing CD4+ T memory cells from becoming HIV reservoirs	\$0
2018	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$1,601,470
2018	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	-\$212,021
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	-\$610,141
2018	New York Blood Center, Inc.	NY	R21AI128311	A novel nanobody with good druggability to prevent and treat MERS-CoV infection	\$0
2018	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	-\$478,511
2018	HEALTH RESEARCH, INC.	NY	R21AI131683	Identifying genetic correlates of Zika virus infection and transmission in US mosquitoes	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI123495	Toxoplasma gondii Glycosylation	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132256	A "Trojan Horse" bispecific antibody strategy for broad filovirus therapeutics	-\$1,022,649
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI123730	Structural, functional, and mechanistic analysis of autoreactive CD8 T cells	\$409,482
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI137157	Innate immune regulation of mycobiota during health and disease.	-\$1,414
2018	SYMBIOTICA, INC	NY	R43AI134541	Symbiotic-based discovery for a safe selective antifungal therapy	-\$7,375
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F30AI138483	Targeting terminal respiratory oxidation in Mycobacterium tuberculosis: A novel investigation of Cytochrome bd oxidase function	-\$27,050
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI137269	Mathematical ecology models of host-microbiota interaction in auto microbiota transplants (auto-FMT)	-\$346,182
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	-\$830,508

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2018	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	-\$15,408
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$331,256
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	-\$61,616
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$293,182
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$707,946
2018	SUNY, BUFFALO	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	\$557,980
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI124753	Microsporidia: invasion apparatus	-\$130,929
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132256	A "Trojan Horse" bispecific antibody strategy for broad filovirus therapeutics	\$1,022,649
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133180	Targeting mycobacterial ribosomes as a new approach to tuberculosis vaccines	-\$46,650
2018	Trustees Of Columbia University In The City Of New York	NY	R13AI139274	The 10th International Workshop on HIV Pediatrics	-\$799
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI137344	Immunoregulation by indoleamine 2,3-dioxygenases in tuberculosis	-\$306,977
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI141088	Humoral immunity against the M. tuberculosis kasB persistent mutant	-\$173,994
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI132940	Shortening Tuberculosis Chemotherapies using N-acetylcysteine	\$104,384
2018	ROCKEFELLER UNIVERSITY	NY	R01AI139117	Molecular control of germinal center selection and affinity maturation	\$0
2018	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	\$582,482
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	-\$23,648
2018	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$0
2018	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	-\$363,287
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$212,021
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI120898	Lentiviral Vector Vaccine for HIV-1	-\$35,260
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132633	Dissecting the receptor-mediated infection mechanisms of hantaviruses	-\$749,912
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI134018	Immuno-metabolic regulation of lung inflammation	-\$61,174

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2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI127295	Interplay of host factors that modulate HIV-1 release and replication fitness	\$24,932
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	-\$1,244,618
2018	ROCKEFELLER UNIVERSITY	NY	R21AI131188	Conditioning of immune cells by the intestinal lymphatics	-\$338
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K22AI127847	Mechanisms mediating tissue repair by leukocytes during influenza virus infection	\$0
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$0
2018	COLD SPRING HARBOR LABORATORY	NY	R13AI138870	CSHL Gene Expression and Signaling in the Immune System Conference	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI137344	Immunoregulation by indoleamine 2,3-dioxygenases in tuberculosis	\$306,977
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI141088	Humoral immunity against the M. tuberculosis kasB persistent mutant	\$173,994
2018	SUNY, BUFFALO	NY	R21AI133133	Regulation of Intrinsic Caspofungin Resistance in C. neoformans	\$0
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$7,975
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	-\$309,594
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI036082	Neutralization of Primate Immunodeficiency Viruses	\$0
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$135,290
2018	Trustees Of Columbia University In The City Of New York	NY	U24AI118669	Sample Sparing Chambers for Imaging of T cell Response and Function	\$0
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	-\$248,816
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$69,317
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	-\$470,598
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128090	Engineered Dengue EDIIIs as Broad Immunogens	-\$3,592
2018	Trustees Of Columbia University In The City Of New York	NY	R21AI126305	New mechanism of commensal bacteria interaction with host immunity	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	-\$424,594
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132633	Dissecting the receptor-mediated infection mechanisms of hantaviruses	\$749,912
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI133329	Function and Mechanism of Viperin, a radical SAM antiviral protein	\$105,258
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	\$1,244,618
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R24AI134650	Generation of a Complete Set of Precise Null Bar-Coded Deletion Mutants of Mycobacterium tuberculosis	-\$428,707

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2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI131339	Development and significance of the plasma cell niche in the human infant thymus	\$0
2018	ROCKEFELLER UNIVERSITY	NY	K23AI136578	Exploring the dynamics and composition of the latent HIV reservoir by analyzing the diversity of the replication-competent reservoir	-\$86,092
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$489,318
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	\$309,594
2018	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$182,601
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	-\$182,601
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134824	Host-virus interactions in the control of filovirus entry	-\$23,237
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	-\$707,946
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$460,950
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	-\$702,038
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI131608	Discovery of influenza virus polymerase inhibitors	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	-\$189,330
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$189,330
2018	CUNY, RESEARCH FOUNDATION	NY	UG3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	\$195,242
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	\$202,745
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI127295	Interplay of host factors that modulate HIV-1 release and replication fitness	-\$24,932
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127173	Antibodies associated with protection against tuberculosis in nonhuman primates	-\$208,540
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI122673	Multiscale analysis of immune profiling data from dengue and chikungunya virus infections in humans	-\$2,332
2018	NEW YORK MEDICAL COLLEGE	NY	R01AI132526	The role of UBXNs in antiviral immunity	-\$247,431
2018	CORNELL UNIVERSITY	NY	U01AI131348	Roles for Developmentally Regulated microRNAs in Neonatal Immunity	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI132507	A combined computational and experimental approach to the evolution and role of the DNA sequence environment in targeting mutations to antibody V regions	\$189,361

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI137183	Role of B cell activating factor in non-infectious complications of common variable immunodeficiency	-\$21,604
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134753	Composition and formation of the cyst wall	-\$259,383
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI132739	The role of Mucosal-associated invariant T (MAIT) cells during the innate immune response to Mycobacterium tuberculosis	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI133191	Rapid screening for modes-of-action of M. tuberculosis inhibitors by high-throughput metabolic fingerprinting	\$201,200
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F30AI138483	Targeting terminal respiratory oxidation in Mycobacterium tuberculosis: A novel investigation of Cytochrome bd oxidase function	\$27,050
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$0
2018	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$2,605
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	-\$489,314
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI136401	Secreted effectors of Toxoplasma gondii bradyzoites	-\$26,562
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI136488	Characterizing and targeting malaria parasite purine uptake pathways to generate novel antimalarial drugs	-\$5,121
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	\$263,096
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$61,616
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134367	Mechanisms Underlying the HIV-HSV-2 Syndemic	-\$142,260
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	-\$484,152
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$610,141
2018	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	-\$459,125
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI124753	Microsporidia: invasion apparatus	\$130,929
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	-\$356,223
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	\$482,308
2018	SUNY, STONY BROOK	NY	F30AI112252	Catalytic mechanism of the usher in pilus biogenesis by uropathogenic E. coli	-\$11,900
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI128730	Studying immune development at single-cell resolution by DNA barcoding	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128735	Mechanisms of Plasmacytoid dendritic cell activation in vivo	\$0
2018	NOVASTERILIS INC	NY	R44AI120282	Optimization of Supercritical Carbon Dioxide Based Virus Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization	\$0
2018	CUNY, RESEARCH FOUNDATION	NY	UG3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	\$509,757
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133329	Function and Mechanism of Viperin, a radical SAM antiviral protein	-\$105,258
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R21AI127173	Antibodies associated with protection against tuberculosis in nonhuman primates	\$209,657
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI125462	Engineered, multispecific antibodies as broad anti-filovirus therapeutics	\$450,183
2018	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI138552	Defining Novel Cellular Correlates of Protection Against Human Malaria by CyTOF	-\$101,376
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132507	A combined computational and experimental approach to the evolution and role of the DNA sequence environment in targeting mutations to antibody V regions	-\$189,360
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133191	Rapid screening for modes-of-action of M. tuberculosis inhibitors by high-throughput metabolic fingerprinting	-\$201,200
2018	New York University	NY	F31AI131527	Essential interactions between filarial worms and their bacterial endosymbionts	-\$2,027
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	\$830,508
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123654	Antibody therapy for pneumococcal disease	-\$3,144
2018	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$59,058
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI136488	Characterizing and targeting malaria parasite purine uptake pathways to generate novel antimalarial drugs	\$5,121
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	-\$331,256
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$0
2018	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	-\$1,601,470

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$20,819
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$0
2018	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	\$470,598
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$236,374
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127924	Ferret cell determinants of hepatitis C virus tropism	-\$4
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R00AI121473	Intrinsic and innate barriers to respiratory virus infections	-\$2,921
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125462	Engineered, multispecific antibodies as broad anti-filovirus therapeutics	-\$450,183
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$170,637
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R24AI134650	Generation of a Complete Set of Precise Null Bar-Coded Deletion Mutants of Mycobacterium tuberculosis	\$428,706
2018	Trustees Of Columbia University In The City Of New York	NY	U19AI131474	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	\$0
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123730	Structural, functional, and mechanistic analysis of autoreactive CD8 T cells	-\$409,482
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	R01AI134753	Composition and formation of the cyst wall	\$259,383
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI132940	Shortening Tuberculosis Chemotherapies using N-acetylcysteine	-\$104,384
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	F31AI136401	Secreted effectors of Toxoplasma gondii bradyzoites	\$26,562
2018	OHIO STATE UNIVERSITY	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	-\$380,299
2018	UNIVERSITY OF CINCINNATI	OH	R01AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	\$26,321
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$0
2018	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	-\$4,060
2018	CLEVELAND STATE UNIVERSITY	OH	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	-\$261,901
2018	OHIO STATE UNIVERSITY	OH	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	-\$347,630
2018	OHIO STATE UNIVERSITY	OH	R21AI127582	A Systems Biology Approach for Targeted Drug Discovery for Leishmaniasis	-\$5,568

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2018	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI131295	?Resetting immune homeostasis: a non-invasive approach towards HIV eradication	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	-\$40,556
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI130830	Gene Regulation as a Foundation for Autoimmune Disease Prevention	\$0
2018	Research Institute at Nationwide's Children's Hospital	OH	U01AI131386	High Precision System Analysis of Infant Immune Responses	\$0
2018	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	-\$355
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128932	Commensal fungi positively calibrate asthma susceptibility	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$186,024
2018	OHIO STATE UNIVERSITY	OH	R21AI138775	Development of Novel Scaffolds as Tools for Allosteric HIV-1 Integrase Inhibition	\$0
2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$353,153
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$0
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$0
2018	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$20,056
2018	P2D INC	OH	R43AI127065	Activated protein C peptides for radio-mitigation	-\$8,423
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	\$151,714
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$18,763
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127591	Development of Novel Therapeutics for Leishmaniasis	-\$6,742
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI123682	ABC transporters necessary for intracellular survival of L. pneumophila	-\$11,466
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$3,539
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$0
2018	PENNSYLVANIA STATE UNIVERSITY	PA	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	-\$356,053
2018	TEMPLE UNIVERSITY	PA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	\$384,955
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI135359	The Role of Post-translational Modifier PRMT5 in Regulatory T cell Development and Function	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$434
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$0
2018	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$0

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2018	UNIVERSITY OF PITTSBURGH	PA	F31AI129381	The role of ToxR signal transduction in Vibrio cholerae pathogenesis	\$0
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130676	Genomic analysis of HSV-1 in the niche of genital infection	-\$1
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139240	The clinical and molecular epidemiology of colistin-resistant carbapenem-resistant Enterobacteriaceae (CRE) in long-term acute care hospitals (LTACHs)	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$21,563
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	-\$372,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128991	IL-17 Isoforms in Organ Specific Autoimmunity	-\$51
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI132758	Mechanisms and promotion of immune regulation by CD4+ regulatory T cells within allografts	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	F31AI126673	Investigating MERS-CoV NS4b as a modulator of the host antiviral response in the nucleus	-\$7,975
2018	UNIVERSITY OF PITTSBURGH	PA	K22AI123366	Mechanisms of NLRC4 inflammasome-associated hyperinflammation	\$0
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI138432	Investigating the role of m6A RNA methylation during adenovirus infection	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134862	Mechanisms of DDO Adjuvancy	\$0
2018	VIRONIKA LLC	PA	R43AI141135	Small Molecule Targeting of Viral Non-Coding RNA EBER1 to Detect and Treat Latent EBV	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$102,183
2018	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124084	Expression of X-linked autoimmunity genes in B cells during female-biased autoimmunity	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	R03AI131049	Novel mouse models for studying Tim-3 signaling	\$0
2018	RESPANA THERAPEUTICS INC	PA	R41AI136294	Novel therapeutic monoclonal antibody targeting SP-R210 isoforms to prevent influenza disease progression and expedite resolution of comorbidities	\$0
2018	Evrys Bio, LLC	PA	R44AI122488	SIRTUIN AGONISTS AS PAN INFLUENZA ANTIVIRALS	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128082	Exploitation of mycobacteriophage-encoded partitioning cassettes	\$0
2018	L.E.A.F. THERAPEUTICS, LLC	PA	R01AI116593	The Role of IgE in Human Schistosomiasis	-\$456,114
2018	VENATORX PHARMACEUTICALS INC	PA	R43AI129009	Discovery of inhibitors of Zika virus	-\$48,659
2018	UNIVERSITY OF PITTSBURGH	PA	F30AI122563	Mechanisms of noncytolytic reovirus egress	-\$45,420
2018	UNIVERSITY OF PENNSYLVANIA	PA	R13AI138340	22nd Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$0
2018	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	-\$956,883

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2018	MILTON S HERSHEY MEDICAL CENTER	PA	R37AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$329,541
2018	DREXEL UNIVERSITY	PA	R21AI132997	Identification of a novel resistance gene for demyelinating disease	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	F31AI124538	Long noncoding RNAs in innate lymphoid cell biology	-\$8,108
2018	TEMPLE UNIVERSITY	PA	R21AI140178	Evaluation of Novel Interferon Epsilon across Human Pregnancy	\$231,971
2018	TEMPLE UNIVERSITY	PA	R01AI132852	Multipurpose targeted nano-antibiotic therapy to fight tough infection in bones	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	-\$200,842
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI126845	Negative Regulation of Mast Cell Activation by PIK3IP1	-\$2,936
2018	UNIVERSITY OF PENNSYLVANIA	PA	R00AI125786	Immune-Microbiota Interaction in defense against Clostridium difficile	\$54,903
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134911	Carbon nanotube integrated microdevice for next generation sequencing based virus discovery	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$36,422
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128060	Regulation of group 1 ILCs by a novel lncRNA	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$0
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	-\$180,569
2018	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$0
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128940	Molecular Mechanisms of Artemisinin Resistance	-\$177,398
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123538	Role of Stx11 and STXBP2 in lytic granule exocytosis in health and disease	-\$242,117
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI131285	Comparison of Dendritic Cell-Based Therapeutic Vaccine Strategies for HIV Functional Cure	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138052	Modular Domains of Host Proteins Regulate Filovirus Maturation	\$0
2018	RHODE ISLAND HOSPITAL	RI	R03AI130526	A murine model of Pseudomonas aeruginosa pneumonia secondary to hemorrhagic shock	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136476	New Antibacterial Discovery and Development Gordon Research Conference	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136365	2018 Food Allergy Gordon Research Conference	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136872	2018 Glycolipid and Sphingolipid Biology Gordon Research Conference	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138261	2018 Biology of Host Parasite Interactions Gordon Research Conference and Gordon Research Seminar	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136168	2018 Microbial Toxins and Pathogenicity Gordon Research Conferences and Gordon Research Seminar	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136460	21018 Sensory Transduction in Microorganisms Gordon Research Conference & Gordon Research Seminar	\$0

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2018	GORDON RESEARCH CONFERENCES	RI	R13AI136368	2018 Antibody Biology and Engineering Gordon Research Conference and Gordon Research Seminar	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136027	2018 Biology of Spirochetes Gordon Research Conference and Gordon Research Seminar	\$0
2018	BROWN UNIVERSITY	RI	R01AI137410	Impacts of Environment, Host Genetics and Antigen Diversity on Malaria Vaccine Efficacy	\$589,761
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140634	The Bacterial Cell Envelope: From Mechanism of Assembly to Role in the Physiology of single cells and communities	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140535	2018 Microbiology of the Built Environment Gordon Research Conference	\$0
2018	MIRIAM HOSPITAL (THE)	RI	R21AI138812	Pilot Study to Monitor HIV Cluster Dynamics and Active HIV sub-Epidemics in Real Time	\$175,383
2018	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$399,172
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138268	2018 NOX Family NADPH Oxidases Gordon Research Conference & Gordon Research Seminar	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138543	2018 Drug Resistance Gordon Research Conference	\$0
2018	BROWN UNIVERSITY	RI	R01AI139520	Tracking the flow of malaria parasites and drug resistance within the DRC and across its borders	\$762,257
2018	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$62,231
2018	PROTHERA BIOLOGICS LLC	RI	R44AI141283	Rapid Test to Assist Therapy in Neonatal Sepsis and Necrotizing Enterocolitis	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140622	2018 Microbial Stress Response Gordon Research Conference & Gordon Research Seminar	\$0
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140636	2018 Streptococcal Biology Gordon Research Conference	\$0
2018	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	-\$141,926
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$0
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$0
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI126662	Regulation of HemA, the initial enzyme in Staphylococcus aureus heme biosynthesis	-\$8,108
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI132004	High vs. Standard Dose Flu Vaccine in Adult Stem Cell Transplant Recipients	\$0
2018	IQUITY LABS, INC.	TN	R44AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	\$49
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$76,772
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$0

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2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$0
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI124190	Targeting the T cell immune synapse in autoimmunity	-\$8
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129747	Dynein Adaptors and Cyclophilin A in HIV-1 infection	-\$10,135
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI123307	Generation and characterization of full-length naturally occurring allergen-specific human IgE mAbs	\$0
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI122563	Mechanisms of noncytolytic reovirus egress	\$45,420
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$0
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$0
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$0
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI129229	Roles of replication fidelity in viral RNA synthesis, population diversity, and overall fitness of coronaviruses	\$0
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129357	Molecular determinants of human antibody-mediated inhibition of human norovirus	-\$10,135
2018	VANDERBILT UNIVERSITY	TN	F32AI140557	The impact of replication-transcription conflicts on bacterial pathogenesis	\$61,174
2018	VANDERBILT UNIVERSITY	TN	R01AI127422	Mechanisms of antibiotic resistance development in bacterial pathogens	\$392,500
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI127607	Broad spectrum antifungals targeting fatty acid biosynthesis	-\$83,434
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI136526	Leukotriene modifying agents in the prevention of excess morbidity and mortality from influenza	\$0
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	-\$53,029
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$1,230
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123176	INNATE MECHANISMS OF REGULATION OF MEMORY TH17 CELL RESPONSES	-\$139,792
2018	UNIVERSITY OF TEXAS, EL PASO	TX	U01AI129783	New chemotherapy regimens and biomarkers for Chagas disease	\$0
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$0
2018	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$0
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	-\$186,024
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	-\$4,375
2018	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	\$0

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2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127381	Redirected T Cell Therapy to Cure Invasive Fungal Infections	\$0
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI127634	Novel Inhibitors of Cruzain and Trypanosoma brucei Cathpesin B as Potential Drug Candidates for the Treatment of African Trypanosomiasis and Chagas Disease	-\$2,047
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI129594	Targeting of Master Signaling Molecule to Restore Functions of Exhausted HIV-specific CTLs	-\$199,375
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130278	Immunomodulatory Effects of Heterochiral Biomaterials	-\$62,125
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	-\$17,854
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$5,982
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI123945	Commensal-dependent induction of protective immunity	\$0
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	-\$73,914
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127899	Novel Bacterial Small RNAs as Determinants of Rickettsial Virulence and Transmission	\$0
2018	BAYLOR COLLEGE OF MEDICINE	TX	R33AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	\$114,284
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$57,955
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$29,855
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	\$1,334,852
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F30AI131509	Isolation and functional characterization of stem and progenitor cells from the human parasite	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$17,593
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$1,697
2018	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$0
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	-\$69,317
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI128494	Factors Affecting Treponema pallidum in vitro multiplication and gene transcription	\$0
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	-\$383,623
2018	BAYLOR COLLEGE OF MEDICINE	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	-\$26,852
2018	EPICYPHER INC	TX	R41AI131840	Quantifying NETosis via Automated High Content Imaging Convolutional Neural Networks	\$0

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2018	TEXAS A & M UNIVERSITY	TX	R21AI140178	Evaluation of Novel Interferon Epsilon across Human Pregnancy	-\$219,399
2018	FANNIN PARTNERS, LLC	TX	R44AI125007	Preclinical evaluation of a novel small molecule STAT inhibitor	\$999,993
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$0
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI115577	Mechanisms and Public Health Impact of Sylvatic Dengue Virus Emergence in Borneo	\$0
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	-\$471,032
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127771	TICK DETERMINANTS OF POWASSAN VIRUS TRANSMISSION	-\$151,693
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI127503	Targeting trypanosomatid deoxyhypusine synthase	-\$64,978
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$9,198
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	\$26,852
2018	MICROGEN LLC	TX	R03AI135154	Cytometric Enumeration of EBV-Infected Cells	\$8,975
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI134980	Elucidating How Tri-phosphatase DUSP11 Controls HCV Infection and Hepatocyte Inflammation	\$0
2018	ATRAPOS THERAPEUTICS, LLC	TX	R44AI125007	Preclinical evaluation of a novel small molecule STAT inhibitor	-\$1,000,000
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	-\$86,234
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	-\$51,265
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129509	A novel system using human fetal brain neural stem cell to model ZIKV infection	-\$215
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI130065	Mechanisms of Protection of Universal Therapeutic Antibodies to Influenza A	-\$560,177
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$0
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	\$166,139
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI126809	Regulation of Cellular and Humoral Responses to Mouse Malaria	-\$28,523
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135709	Viral transcription in herpesvirus-induced necroptosis	-\$149,988
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI135645	Harnessing Copper to Impede Uropathogen Colonization	\$201,783
2018	CHRYSLIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$0
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$0

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2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI123557	Multiple Effector Activities of an Autoprocessed Haemophilus ducreyi Virulence Factor	-\$38,781
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI122070	A Neonatal Monkey Model of Tuberculosis Vaccination	-\$170,114
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI130197	The adaptor protein Crk in immune responses	-\$468,695
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI126941	Mesenchymal Stem Cell Niche for Tuberculosis	-\$33,874
2018	LYNNTECH, INC	TX	R43AI141311	An Inhaled Clofazimine Formulation for the Treatment of Tuberculosis	\$0
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI105135	Sugar Regulation of EHEC virulence - A1	\$2,607
2018	SAB CAPRA LLC	UT	R41AI131823	Production and Characterization of Human Immunoglobulin Producing Goats for Diagnostic Reagents and Therapeutics	\$0
2018	UNIVERSITY OF UTAH	UT	R01AI130378	Mucosal associated invariant T (MAIT) cells in Vibrio cholerae infection and vaccination	\$0
2018	UNIVERSITY OF UTAH	UT	R01AI135045	Schistosoma Mansoni Infection During Pregnancy: Dissecting the Implications to Fetal Immunity	\$239,532
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI139673	Infections, Microbiome and HLA-DR in the Induction of Lupus Related Auto-antibodies	\$0
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI124502	Helminth induced B1 IgE is protective against allergic disease	-\$25,158
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$22,491
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$408
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	\$921,648
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI020565	IgE antibodies to the mammalian oligosaccharide galactose-alpha-1, 3-galactose (alpha-gal): immunology, epidemiology and relevance to allergic and inflammatory disease	\$14,052
2018	BIOTHERAPEUTICS INC	VA	R44AI134163	BT-11: A First-in-class Oral Therapeutic for Inflammatory Bowel Disease	\$0
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI127793	Neisseria gonorrhoeae metal transporters that subvert nutritional	-\$437,166
2018	BLUE RIDGE BIOSCIENCES LLC	VA	R41AI141302	Targeting the host response to limit infection by intracellular bacterial pathogens	\$0
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI140006	Targeting a novel Hsp70 substrate binding mode for potential treatment of gonorrhea infection	\$0

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2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U01AI133595	Endothelial Dysfunction in Radiation-induced Lung and Heart Toxicity	\$0
2018	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$0
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	-\$236,379
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130420	Targeting Ebola virus for small molecule drug discovery	\$0
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI138495	GGT Targeting Suppresses Mast Cell Activation by IgE and IL-33	\$0
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI026649	Role of CREM in Amebic Colitis and Inflammatory Bowel Disease	\$1,011
2018	UNIVERSITY OF VERMONT	VT	R21AI128510	MAVS Aggregates Impair Cardiolipin Function and Mitochondrial Fission in SLE	-\$91,193
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$648,792
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	-\$180,905
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	-\$198,198
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	\$269,783
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114699	Innate immune responses to malaria liver stage infection	-\$22,755
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	-\$3,612,157
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133369	A systems genetics approach to determine factors regulating Plasmodium falciparum sporozoite infectivity	-\$245,000
2018	UNIVERSITY OF WASHINGTON	WA	R21AI133169	Regulation of recombination in Mycoplasma genitalium	\$0
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI137815	Structural Analysis and inhibitor optimization of Cryptosporidium n-myristoyltransferase for drug discovery	-\$123,152
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134630	Mediators of fatty liver disease during HIV/SIV and cART treatment	\$740,149
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI137571	Serine hydrolase regulators of Mycobacterium tuberculosis non-replicating states	-\$241,486
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI135155	Cellular RNA binding and regulation by NFX1-123 and its perturbation by high risk human papillomavirus E6	-\$260,312
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI133388	A chemical proteomics survey of Plasmodium gametocyte development	\$281,132

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2018	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	-\$35,332
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$425,971
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	-\$441,431
2018	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$18,827
2018	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI131171	Adjuvanting Vaccine-induced CD8 T Cell Memory Quality Using Regulatory T Cells	-\$196
2018	UNIVERSITY OF WASHINGTON	WA	F32AI115935	Defining the role of IRF5 in immunity against West Nile virus infection	-\$46,852
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R03AI131223	Multigene knockdown in Mycobacterium tuberculosis by repurposing the endogenous type III CRISPR system	-\$28,290
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI137599	Phosphotyrosine Recognition in Bacteria	\$50,031
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI140626	Role of Dock8 in Mucosal Immunity	\$0
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133388	A chemical proteomics survey of Plasmodium gametocyte development	-\$281,132
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$90,122
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI130685	Protein kinase AEK1 as a T. brucei drug target and its potential in other trypanosomatids	\$227,069
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI128699	Functional analysis of an essential Trypanosoma brucei protein kinase	-\$129,593
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$198,198
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI126703	The role of vitamin D receptor signaling in T cells during Mycobacterium tuberculosis infection	-\$30,060
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$498,017
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134956	Molecular Determinants of Sporozoite / Host Cell Interactions	-\$421,629
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI130072	Genetic Regulation of Developmental Transitions in Chlamydia	\$0
2018	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$121,399
2018	UNIVERSITY OF WASHINGTON	WA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$0
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	-\$286,885
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117234	Infection-blocking antibody targets for malaria	-\$530,213
2018	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	\$3,895,382
2018	UNIVERSITY OF WASHINGTON	WA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	-\$13,862

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2018	UNIVERSITY OF WASHINGTON	WA	R01AI127422	Mechanisms of antibiotic resistance development in bacterial pathogens	-\$388,750
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	-\$867,987
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	F32AI126703	The role of vitamin D receptor signaling in T cells during Mycobacterium tuberculosis infection	\$30,060
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI133369	A systems genetics approach to determine factors regulating Plasmodium falciparum sporozoite infectivity	\$270,129
2018	UNIVERSITY OF WASHINGTON	WA	R21AI123501	Mechanism-based targeting of bacterial topoisomerases	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI135680	Exosome-based biomarkers of persistent vivax malaria liver infection	\$184,870
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	-\$2,050,866
2018	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI128699	Functional analysis of an essential Trypanosoma brucei protein kinase	\$125,416
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI126441	Engineered CTLA4-targeted agonists as therapeutic immunomodulators	-\$8,891
2018	UNIVERSITY OF WASHINGTON	WA	F32AI129254	RIP3 mediated restriction of neuropathogenesis during viral encephalitis	-\$30,587
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI135680	Exosome-based biomarkers of persistent vivax malaria liver infection	-\$184,870
2018	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	-\$229,069
2018	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$376,002
2018	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	-\$3,199
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	-\$2,201
2018	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$0
2018	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	\$870,042
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R03AI137599	Phosphotyrosine Recognition in Bacteria	-\$52,077
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134630	Mediators of fatty liver disease during HIV/SIV and cART treatment	-\$740,149
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI137571	Serine hydrolase regulators of Mycobacterium tuberculosis non-replicating states	\$231,999
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134956	Molecular Determinants of Sporozoite / Host Cell Interactions	\$394,204

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2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI130685	Protein kinase AEK1 as a T. brucei drug target and its potential in other trypanosomatids	-\$236,355
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	-\$644,653
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$836,188
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	-\$4,553
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	-\$587,287
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$811,839
2018	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	-\$46,964
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI125378	Epithelial control of responses to allergen challenge and viral exacerbation	\$0
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI131223	Multigene knockdown in Mycobacterium tuberculosis by repurposing the endogenous type III CRISPR system	\$25,027
2018	UNIVERSITY OF WASHINGTON	WA	R21AI132355	Anti-infective Biomaterials that Enhance Innate Immunity	\$0
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	-\$827,455
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133885	Role of IL-15 and IL-23 in colitis	-\$430,586
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI129751	Finding New Strategies for Achieving the UNAIDS 90-90-90 Targets: Cost-Effectiveness of a "Test and Treat" Intervention in Peru	-\$74
2018	SEATTLE CHILDREN'S HOSPITAL	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	\$1,991,315
2018	UNIVERSITY OF WASHINGTON	WA	F32AI140557	The impact of replication-transcription conflicts on bacterial pathogenesis	-\$61,174
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	-\$12,019
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	-\$584,603
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$0
2018	SALUS DISCOVERY LLC	WI	R43AI136484	Development of a cell based assay to assess antigen specific tolerance	\$0
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI120655	Targeting CCL28 as therapy for obstructive lung disease	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI132720	Fungal and Host Factors in Initiation of Cryptococcal Persistence	-\$127,698
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI132414	Cytomegalovirus manipulation of functional cortical tissue development	\$0

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2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	-\$588,620
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI136500	Mechanisms of iNKT cell anti-viral adjuvancy	\$0
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$0
2017	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$0
2017	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Epidemiology and Genomics of Multidrug resistant Salmonella Typhi infections in Kenya: The role of carriage in an endemic setting	\$0
2017	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	-\$3,468
2017	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$0
2017	QUEEN'S UNIVERSITY KINGSTON		R21AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$0
2017	NANYANG TECHNOLOGICAL UNIVERSITY		R21AI126023	Mechanisms of Enterococcal Niche Modulation during Polymicrobial Infection	-\$12,653
2017	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$0
2017	SOUTHAMPTON UNIVERSITY		R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	-\$202,855
2017	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$0
2017	SIMON FRASER UNIVERSITY		R01AI134299	Synthetic bacterial analogs of mammalian oligomannose for eliciting neutralizing antibodies to the high-mannose patch on HIV Env	\$0
2017	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$0
2017	Centre for the AIDS Programme of Research in South Afri		R01AI111936	Inflammation and HIV risk: understanding partial Tenofovir efficacy in CAPRISA004	\$0
2017	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$0
2017	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R21AI118593	Acoustic mating signals in the dengue vector, Aedes aegypti	-\$8,715
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	-\$140,688

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF PRETORIA		G11AI131253	Expansion and sustainability of University of Pretoria (UP), South Africa research administration services and resources for NIH/ NIAID grants	-\$23,258
2017	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		G11AI131250	Capacity Building for Enhanced Research Administration (CaBERA) at Noguchi Memorial Institute for Medical Research	\$0
2017	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	-\$131,416
2017	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R21AI125886	Investigation of the role of type 2 innate lymphoid cells in the pathogenesis of dengue infection	-\$12,069
2017	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$0
2017	UNIVERSITY OF ZIMBABWE COLLEGE OF HEALTH SCIENCES		R21AI124402	Implementing objective measures of adherence and low cost genotyping to assess a community based intervention to strengthen virologic outcomes among youth failing ART	-\$3,327
2017	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	-\$2,414
2017	HOSPITAL FOR SICK CHILDREN, TORONTO		R33AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI121586	Development of Structurally Defined QS-17/18-Based Vaccine Adjuvants	-\$376
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	-\$110,749
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI119627	Single round infection chikungunya virus as a new vaccine candidate	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$2,001
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI126886	Identification of pre-fusion conformers of HCMV gB	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$0
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI125827	DNA Origami Nanostructures for Single-Cell Multi-gene Analysis without Single Cell Sorting	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$0
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI117150	Detailed mapping of drug binding and translocation sites in the AcrB pump protein	\$0
2017	ST JOSEPH'S HOSPITAL & MEDICAL CENTER	AZ	R21AI123034	EXOSOMES: ROLE IN ALLOGRAFT REJECTION AND POTENTIAL AS A BIOMARKER	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	-\$45

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI121738	Antimicrobial susceptibility associations in Acinetobacter baumannii based on genomic and transcriptomic analyses	\$0
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	-\$98,292
2017	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	-\$871
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$0
2017	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI109599	E-proteins and EBF1 in B cell differentiation	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119831	Combination immunotherapy to preserve beta-cell function in the context of autoimmunity	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI117256	Reducing excess broad-spectrum antibiotic use in gonorrhea	-\$160
2017	STANFORD UNIVERSITY	CA	R21AI127128	Multidimensional Analysis of Immune Status of Latent M. Tuberculosis Infection	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129871	Production of high affinity anti-glycan and anti-glycolipid antibodies	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122939	CD4 T Cell Differentiation and Susceptibility to HIV-Specific CTL Killing	\$0
2017	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI129077	A Rapid Paper Strip Nucleic Acid Test for the Point of Care Detection of Zika virus	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R56AI127371	Exploiting Vulnerability on Influenza Virus	\$0
2017	INHIBRX LP	CA	R43AI129162	Development of Multispecific Antibodies for the treatment of Methicillin Resistant Staphylococcus aureus (MRSA) infection	-\$116,006
2017	INHIBRX, INC	CA	R43AI129162	Development of Multispecific Antibodies for the treatment of Methicillin Resistant Staphylococcus aureus (MRSA) infection	\$116,006
2017	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	\$0
2017	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	-\$147,137

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2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$0
2017	La Jolla Institute For Immunology	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$0
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI113893	Re-engineering gp120 to include glycan-dependent epitopes	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI103218	How do enteroviruses almost completely evade the attentions of CD8+ T cells?	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI110513	Deconstructing the allo-specific memory B cell response	-\$3
2017	AMPLYX PHARMACEUTICALS INC	CA	R44AI125017	Developing a Novel, Fungicidal Therapeutic to Treat Coccidioidomycosis	\$0
2017	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI119929	Neonatal Antibiotic Therapy, The Pulmonary Microbiome, and theCholinergic Anti-inflammatory Pathway	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	-\$234,615
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI113704	Selective inhibition of fungal BET protein Bdf1	-\$1
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124211	Atherosclerosis in SLE - OGG-1 as a novel target for therapeutic intervention	\$0
2017	STANFORD UNIVERSITY	CA	R21AI126582	Structure-based HCV vaccine design	-\$2
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122821	Characterization of Exosomes From Semen of Uninfected and HIV-Infected Men	-\$19
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K22AI122824	Regulation of HIV-1 and related lentiviruses by the DNA damage response	\$0
2017	SCIOGEN LLC	CA	R44AI125168	Development of a novel quadrivalent seasonal influenza vaccine using E.coli production technology	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123729	Bacterial Mast cell conditioning modulates skin allergic reactions	\$0
2017	SYNTHETIC GENOMICS VACCINES, INC.	CA	R21AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$0
2017	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R43AI134104	Production of stabilized trimeric HIV Env protein in maize	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI126726	Peptide-based signaling and virulence in Cryptococcus neoformans	\$0
2017	MAPP BIOPHARMACEUTICAL INC	CA	R43AI129082	Direct sequencing of serum antibodies after infection	-\$3,409
2017	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	-\$56,225
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	-\$141,578
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$0

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2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI115714	Sofosbuvir and Ledipasvir in HIV/HCV Coinfected Pre and Post Liver Transplant	\$0
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI119990	Reversal of T cell Exhaustion	\$0
2017	MOLECULAR EXPRESS, INC	CA	R44AI094770	The VesiVax? System: Vaccine Development Made Easy	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124199	DNA structure modification by the Schlafen protein family	\$0
2017	LINNAEUS BIOSCIENCE, INC.	CA	R43AI131819	Identification of macrocyclic molecules with antibacterial activity	\$0
2017	NIRMIDAS BIOTECH INC	CA	R21AI131689	A Nanoscale Plasmonic-Gold Platform for Specific Diagnosis of Zika and Differentiation from other Flavivirus Infections	\$38,588
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R56AI132515	Causes and implications of differential AXL use by ZIKV and WNV	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI127751	Specialization of regulatory T cell-mediated immune regulation during Toxoplasma infection	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	-\$365,929
2017	MEISSA VACCINES INC	CA	R43AI131750	Development of polyvalent inactivated rhinovirus vaccine	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	-\$120,216
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$0
2017	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI112011	Silk-based Formulation for Microbicide Delivery	\$0
2017	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI111477	Integrated Cost-Effective Point of Care Nucleic Acid Testing for TB diagnosis	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI120791	Cow ultralong CDR3 antibodies targeting HIV gp120	\$0
2017	STANFORD UNIVERSITY	CA	R21AI115313	Targeting B Cell MicroRNA in Post-Transplant EBV-Associated B Cell Lymphoma	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121548	Synthesis and Studies of a New Family of Antibiotics	\$0
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	-\$33,207
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117463	Three-dimensional analysis and modeling of the Chlamydia developmental cycle	-\$118
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121918	Dissecting the interactions of gp120 with chemokine receptor CXCR4	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI123630	Identification by High Throughput Screening of Inhibitors of Assembly and Secretion of the Francisella Type VI Secretion System	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI121840	A General Molecular Strategy for Attenuation of Human Pathogenic Arenaviruses	\$0

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2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126037	A heterogeneous stock paradigm of dissecting complex traits in <i>Peromyscus leucopus</i> , a major natural host of Lyme disease and other emerging infections	-\$616
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126879	Defining the nuclear vs. cytoplasmic proteome during human rhinovirus infections	\$0
2017	INHIBRX LP	CA	R44AI129161	Development of multispecific antibodies for the treatment of <i>Pseudomonas aeruginosa</i> infection	-\$936,639
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122212	Glyco-therapeutics for Treating Persistent <i>S. aureus</i> Infections of Skin and Soft Tissue	-\$306
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI063426	M cell induction and function in mucosal tissues	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI132016	The Bixby Center for Global Reproductive Health - Annual Research Day Conference	-\$42
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI130210	Immune Surveillance of Antigen Processing Pathway	-\$373,989
2017	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122908	Comparison of Pharmacologic Markers of Exposure to HIV Pre-Exposure Prophylaxis	-\$788
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI122211	Structure Determination of the Chemokine Receptor CCR2 with Novel Inhibitors	\$0
2017	ARISAN THERAPEUTICS INC	CA	R44AI112097	Pre-IND Development of an Arenavirus Antiviral	\$0
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI122389	Use of Protein Biomarkers to Identify Latent/Persistent HIV Infected Cell Reservoirs Without Induced Reactivation	-\$89
2017	INHIBRX, INC	CA	R44AI129161	Development of multispecific antibodies for the treatment of <i>Pseudomonas aeruginosa</i> infection	\$936,939
2017	MOLECULAR EXPRESS, INC	CA	R43AI131788	VesiVax? Peanut Allergy Immunotherapy	\$0
2017	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery without need for reconstitution - Phase II	\$0
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	-\$21
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI124763	Novel method for evaluating HIV latency and persistence in vivo	\$0
2017	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	-\$179,340
2017	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	\$0

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2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI109208	Development of Real-Time Cellular Screening Systems for BoNT Intoxication	\$0
2017	STANFORD UNIVERSITY	CA	R21AI123594	High throughput screening to identify compounds against Entamoeba cysts	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI125106	Novel Dense Granule Protein Function in the Chronic Toxoplasma Infection	\$0
2017	VLP BIOTECH INC	CA	R41AI122594	An epitope-focused nanoparticle vaccine for MRSA and biodefense	\$0
2017	La Jolla Institute For Immunology	CA	R21AI113349	Necroptosis and adaptive immunity to virus infection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121928	The new chemokine CCL28 and its role during Salmonella infection	\$0
2017	VIVREON BIOSCIENCES, LLC	CA	R43AI134205	Predevelopment of VV2003, a Novel CRAC Channel Inhibitor, for the Treatment of Ulcerative Colitis	\$0
2017	STANFORD UNIVERSITY	CA	R21AI117255	Role of novel adherens junction proteins in susceptibility to S. aureus alpha-toxin	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124179	Lineage tracing the embryonic origins of tissue-resident macrophages	\$0
2017	IO THERAPEUTICS, INC.	CA	R44AI112512	Development of the RXR agonist IRX4204 to treat Multiple Sclerosis and other Immune related Diseases	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	-\$67,126
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	-\$861,906
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	-\$755
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q21, allergic inflammation, and remodeling	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123782	Role of miR-146a at the interface between T and B cell immunity	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI123920	Structural mechanism for recognition of host receptor by botulinum neurotoxin A	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127297	Role of TLR3 pathway in HIV infection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122131	Interferon gamma-Producing Th17 Subsets: Major Contributors to "Th1" Diseases	-\$525
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI122122	Imprinting of nasal Th2 cell trafficking during allergic sensitization	\$0
2017	IMMPORT THERAPEUTICS INC	CA	R43AI132078	Specific Detection of Antibodies to Emerging and Established Arboviruses Including Zika Virus	\$0
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI131099	Role of Circular RNAs in Innate Immunity	-\$55,455

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2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	-\$25,158
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122155	PACAP Mediated Neural Regulation of Hepatic Inflammation in Orthotopic Liver Transplantation	-\$17
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI121890	Analysis of Protein Synthesis in Bacterial Persisters	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$162,877
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular mechanisms of attachment by the ventral disc in Giardia	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	-\$293,979
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	\$0
2017	RETROVIROX INC	CA	R44AI100778	An immune-based approach for HIV eradication	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI126105	The role of lipid droplets in immunity to M. tuberculosis infection	-\$403
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI126344	Regulatory Role of Splicing In Inflammation	-\$1,639
2017	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109439	T cell driven antigen discovery for vaccine candidates for human Chagas disease	-\$5
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R00AI120851	Viral sequence and dynamic determinants of antibody breadth	\$0
2017	VIROGENICS INC	CA	R42AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI124146	Regulation of B cell differentiation by eIF4E	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127132	Role of Myeloid Derived Suppressor Cells in Mycobacterium tuberculosis(Mtb)Reactivation in HIV-Mtb co-infected Individuals	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126857	Development of a vaccine for human chlamydia genital infection	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124859	Impact of ART Adherence on HIV Persistence and Inflammation	-\$9,235
2017	INDEVR LLC	CO	R44AI106054	Innovative Optical System for Hemagglutination Assays	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI119391	Esophageal Haemophilus influenzae contribution to Eosinophilic Esophagitis	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122670	Developing a new model for EBV-mediated T cell diseases	\$0
2017	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI134063	Seventeenth Annual Meeting of the Rocky Mountain Virology Association	\$0

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2017	NATIONAL JEWISH HEALTH	CO	R21AI125085	Molecular Mechanisms of MHCII Recognition by CD8 T Cells in HIV Non-Progressor Patients	-\$1,615
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	-\$24,593
2017	COLORADO STATE UNIVERSITY	CO	R13AI131610	2nd International Infectious Diseases of Bats Symposium	\$0
2017	OP-T-MUNE INC	CO	R41AI129571	Screening for the autoimmune component of multiple sclerosis	\$0
2017	OP-T-MUNE INC	CO	R41AI131784	Developing a small peptide to control autoimmune inflammation in type 1 diabetes	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	-\$29,785
2017	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	-\$310
2017	NATIONAL JEWISH HEALTH	CO	R21AI122135	Control of IL-4 by gamma/delta T Cells	\$0
2017	DENVER RESEARCH INSTITUTE	CO	R21AI121605	The role of T regulatory cells in cigarette smoke-induced susceptibility to tuberculosis	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$0
2017	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	-\$992
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI134087	Antimicrobials and Resistance: Opportunities and Challenges	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$0
2017	NATIONAL JEWISH HEALTH	CO	R21AI121980	A Universal Strategy for Inducing Tolerance to Therapeutic Mab	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124488	Perturbation of B cell anergy in T1D	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI121761	Inherent reactivity of T cell antigen receptors for MHC molecules	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI134089	Vectors, Pathogens and Diseases: Current Trends and Emerging Challenges	\$0
2017	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R13AI129271	11th Molecular and Cellular Biology of Helminth Parasites Meeting	\$0
2017	UNIVERSITY OF DENVER	CO	R21AI127192	Defining the three-dimensional organization and dynamics of HIV-1 Envelope using superresolution microscopy	-\$34
2017	COLORADO STATE UNIVERSITY	CO	R01AI114675	A High-Throughput Screen for Antiviral Inhibitors of the Alphavirus RNA Capping Enzyme	-\$8
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	-\$340,323

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	YALE UNIVERSITY	CT	R01AI108276	Predicting Risk of Human Leptospirios by Environmental Surveillance	\$370,145
2017	YALE UNIVERSITY	CT	R21AI123984	Targeting intrinsic resistance to combat multi-drug resistant P. aeruginosa	-\$21
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	-\$184,145
2017	UNIVERSITY OF CONNECTICUT	CT	R21AI121885	Molecular mechanisms of dense granule trafficking in Toxoplasma gondii	-\$2
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$0
2017	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	-\$14,808
2017	YALE UNIVERSITY	CT	K22AI123477	Illuminating immunomodulatory gut microbes in human health and disease	\$0
2017	YALE UNIVERSITY	CT	R21AI124116	Modulation neuroinflammation through interference of cooperative microRNA-RNA-binding protein interactions	\$0
2017	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	-\$10,895
2017	L2DIAGNOSTICS, LLC	CT	R43AI129126	A Rapid, Low-Cost Point of Care Diagnostic for detection of Zika virus RNA	\$0
2017	YALE UNIVERSITY	CT	R21AI124055	The Role of a PARP1 Genetic Variant in Development of Lupus	-\$13
2017	MEDISYNERGICS LLC	CT	R43AI122475	Novel Trypanocidal Compounds for the Treatment of Stage 1 and 2 HAT.	\$0
2017	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$0
2017	YALE UNIVERSITY	CT	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	\$681,715
2017	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	-\$91,769
2017	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	-\$18,002
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI111957	Antimetabolites Effective against Resistant Gram-positive Bacteria	-\$15,802
2017	YALE UNIVERSITY	CT	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	-\$166,662
2017	YALE UNIVERSITY	CT	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$0
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI126146	Essential role of Hk1/Rrp1 TCS for survival of Borrelia burgdorferi in ticks	\$0
2017	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	-\$3,013
2017	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$0

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2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI133866	ASM Conference on Vibrio2017: The Biology of Vibrios	\$0
2017	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$0
2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI134039	6th ASM Conference on Cell-Cell Communication in Bacteria	\$0
2017	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$0
2017	HOWARD UNIVERSITY	DC	R00AI114379	Effective Replicating Adenovirus-HIV Vaccines	-\$13,146
2017	GEORGETOWN UNIVERSITY	DC	R21AI123718	Structure and Function of Hepatitis Delta Virus RNA-Protein Complexes	-\$5
2017	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI105506	Mechanisms of placental dysfunction in pregnancy malaria	\$0
2017	UNIVERSITY OF MIAMI	FL	R21AI127091	HIV-a Persistence in Myeloid Cell Reservoirs	\$0
2017	ONEVAX LLC	FL	R41AI134213	Therapeutic Administration of Suppressor of Cytokine Signaling Mimetics to Ameliorate Type 1 Diabetes	\$0
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124682	Developmental switches regulating tissue cyst formation	\$2,124
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	-\$80,719
2017	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	-\$358,592
2017	UNIVERSITY OF FLORIDA	FL	R21AI120195	Modeling the Fetal Microbiome	-\$2,406
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in Borrelia burgdorferi	-\$103,131
2017	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	-\$129,759
2017	UNIVERSITY OF FLORIDA	FL	R13AI133969	South Asian Melioidosis Congress 2017	\$0
2017	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	-\$177,824
2017	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$0
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	-\$7,658
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI122326	Development of Novel Synthetic Alkaloids as Antimalarials	\$0
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	\$0
2017	UNIVERSITY OF FLORIDA	FL	R21AI123933	Timely Risk Assessment of Airborne Virus with a Super-Efficient System for Viable Influenza Aerosol Capture	-\$1,280
2017	UNIVERSITY OF FLORIDA	FL	R21AI126583	Structure and dynamics of the VP1u infectivity domain of the Parvoviridae	\$0
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117013	Molecular dissection of the Chlamydia trachomatis Tarp effector in vivo	\$0
2017	NOVA SOUTHEASTERN UNIVERSITY	FL	R21AI124187	Sex-specific genomic mechanisms of transcriptional regulation in ME/CFS/SEID	-\$4,455
2017	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$0
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117457	Memory CD4 T Cell Regulation of Innate Lymphoid Cells	\$0

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2017	ONEVAX LLC	FL	R43AI131850	Biomaterial-based delivery of Interleukin-2 to Regulatory T Cells for the amelioration of Type 1 Diabetes	\$0
2017	FLORIDA STATE UNIVERSITY	FL	R03AI122860	Function of the HIV Membrane in Viral Infection	\$0
2017	UNIVERSITY OF FLORIDA	FL	R03AI122182	Development of single-cell metabolomics to dissect cellular heterogeneity of immune cells	-\$2,091
2017	ONEVAX LLC	FL	R43AI129034	A novel biomaterial-based therapy utilizing auto-antigen and adjuvant for the amelioration of Type 1 Diabetes	-\$15,002
2017	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	-\$1,783
2017	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	-\$21,375
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$0
2017	UNIVERSITY OF FLORIDA	FL	R21AI122338	Gut dysbiosis induces lupus	-\$6
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117479	Augmenting innate immunity to combat nasal carriage of Staphylococcus aureus	\$0
2017	UNIVERSITY OF FLORIDA	FL	R21AI121745	Fimbriae Countermeasures for Type 1 Diabetes	-\$5,545
2017	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$0
2017	EMORY UNIVERSITY	GA	K01AI106961	A Practice-Provider-Parent-Adolescent intervention to increase HPV vaccination	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI124228	Generation of reference genomes for Trypanosoma cruzi using PacBio sequencing	-\$2,250
2017	GEOVAX INC	GA	R44AI106422	Enhancing protective antibody responses for a DNA/MVA HIV vaccine	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$0
2017	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$0
2017	EMORY UNIVERSITY	GA	R33AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$0
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI124056	Diversity of intraepithelial CD8aa T cells that recognize antigens from commensal flora	\$0
2017	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	-\$12,920
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI118733	Development of CRISPR/Cas system for study of trans-sialidase family genes in T. cruzi	-\$68,244
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI132125	Meiosis In Cryptococcal Infection	\$1
2017	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$0
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$0
2017	EMORY UNIVERSITY	GA	R01AI111557	Adjuvants for Skin Immunization: Discovery and Mechanisms	\$0

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2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$0
2017	EMORY UNIVERSITY	GA	R21AI121860	Genomics-based prediction of antibiotic failure in S. aureus infections	-\$30,549
2017	EMORY UNIVERSITY	GA	R21AI122001	A Clinical Pharmacology Study of a Novel Drug Regimen for Pre XDR and XDR Tuberculosis	-\$2,673
2017	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI119625	Molecular basis of the differential expression of the VieSAB regulatory system n Vibrio cholerae biotypes	\$0
2017	EMORY UNIVERSITY	GA	R21AI126816	Biogenesis of IL-1a in inflammatory process	-\$1
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108222	Calcium signaling in Trypanosoma brucei	\$0
2017	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$0
2017	EMORY UNIVERSITY	GA	R01AI111851	Targeting neutralizing epitopes in the MPER of HIV Env	\$0
2017	EMORY UNIVERSITY	GA	R13AI134407	12th International Workshop on HIV Transmission - Principles of Intervention	-\$178
2017	UNIVERSITY OF HAWAII	HI	R21AI109293	Role of the alternative ribosomes in Mycobacterium tuberculosis adaptation	\$0
2017	UNIVERSITY OF HAWAII	HI	R21AI122393	Reversal of Adaptive Immune Dysfunction in Shock and Kill HIV Cure Strategies	-\$618
2017	UNIVERSITY OF IOWA	IA	R21AI119163	CD40 as a regulator of CD8 T cell activation in obesity and adipose tissue inflammation	\$0
2017	UNIVERSITY OF IOWA	IA	R21AI123616	Understanding Ebola virus replication and spread in skin	\$0
2017	UNIVERSITY OF IOWA	IA	R03AI125824	Mechanisms of Tissue-Specific Autoimmunity in the Elderly	-\$6,228
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI121831	Eating worms: an unusual nicotinic acetylcholine receptor from the nematode pharynx as a potential drug target	\$0
2017	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	-\$198
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123266	Development of a vaccine strategy using antibody-complexed antigens	\$0
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI117204	Exploring the Structure and Function of Parasitic Nematode Exosomes	\$0
2017	UNIVERSITY OF IOWA	IA	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	-\$102,293
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123678	Characterization of parasitic nematode exosomal microRNAs and their role in the host-parasite interface	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	-\$54
2017	NORTHWESTERN UNIVERSITY	IL	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	-\$9,374

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2017	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$0
2017	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	-\$19,441
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122019	Development of genetic systems for human-associated methanogens	\$0
2017	NORTHWESTERN UNIVERSITY	IL	K22AI118421	Development of Immune-Modulated HIV Vaccines	-\$3,035
2017	NORTHWESTERN UNIVERSITY	IL	R56AI1131239	Studies of human B cell responses and antibody production during chronic airway inflammation	-\$111
2017	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus aureus	-\$6
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	-\$63,055
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI119602	Identification of cellular factors that mediate HCV cell-to-cell spread	\$0
2017	MIDWESTERN UNIVERSITY	IL	R21AI117437	Isolation of novel rodent chlamydiae	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R03AI126090	Ethical and Sociocultural Implications of Genetic Testing in Transplantation	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$0
2017	UNIVERSITY OF CHICAGO	IL	R21AI121891	Calcium dynamics and Legionella infection	-\$20
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R13AI129358	Nido2017: International Nidovirus Symposium	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$0
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI115208	Deorphanization of Schistosome Cytochrome P450	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R21AI119137	Probing the Functions of KLF2 Downregulation	\$0
2017	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	-\$550
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	-\$395,928
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI119618	Attenuated HSV for Vaccine Development	\$0
2017	UNIVERSITY OF CHICAGO	IL	R21AI126031	Human Lung T cell subsets in Disease	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$177,155
2017	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R21AI124037	Polyphosphate Loaded Nanoparticles for Suppression of Gut Pathogen Collagenase Activity and Promotion of Post-Surgical Intestinal Healing	\$0
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI123640	Dual Roles for the Salmonella SPI-2 Regulator SsrB	-\$40,480
2017	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$0
2017	UNIVERSITY OF CHICAGO	IL	R56AI080703	Hepatitits C Virus Trafficking in Infected Hepatocytes	\$0
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$0

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2017	NORTHWESTERN UNIVERSITY	IL	R21AI121742	Roles of Early Life Colonization and Environmental Antigens on Childhood Asthma	\$0
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI121774	Establishing HSV specific memory CD8+ T cells in the female reproductive tract	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI108888	Graph-centric approaches to metatranscriptomic and metaproteomic data analysis	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121664	Development of anti-virulence drugs by targeting the SaeRS two component system of Staphylococcus aureus	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121786	Reprogramming of host cell cholesterol homeostasis by Coxiella burnetii	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$0
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI123491	Elucidating the An. Funestus complex	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI122837	Vitamin D as Supplemental Therapy for Pneumocystis Pneumonia	\$0
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121841	A New System to Modulate Phosphatidylserine to Investigate Filovirus Budding	-\$15,212
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI125822	Elucidating new and old roles for autophagy-like proteins in Toxoplasma gondii	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121450	Analyses of Host Proteins Regulating Alphavirus Genome Function	-\$791
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI122127	Eosinophil activation in pulmonary aspergillosis	-\$1,337
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI121985	Stress induction of a cellular immune response in Drosophila	\$0
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI125765	Visual Inputs in Mosquito Behaviors	\$0
2017	PURDUE UNIVERSITY	IN	R21AI117205	The Response of Mitochondria to Legionella Infection of Macrophages	\$0
2017	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	K22AI118863	Vibrio cholerae-chitin interactions and their role in cholera transmission and evolution	\$0
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	-\$35,842
2017	PURDUE UNIVERSITY	IN	R21AI121994	New mode-of-action chemistries for mosquito control	-\$1,764
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH2AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	-\$18,554
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127895	Determining the role of Interleukin-17 in the Immune Response to Respiratory Syncytial Virus Infection	-\$51,884
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI119544	Somatic Gene Therapy for Mosquitoes	\$0
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI133367	Classical Complement Pathway Evasion Mechanisms of Lyme Disease Spirochetes	-\$86,097

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2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121729	Efficacy of a novel nanoparticle vaccine and nutrition during RSV infection	\$0
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associateddiarrhea	-\$178,358
2017	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	-\$493
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI099489	The multiple states of IpaB Shigella type III secretion	-\$310
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$0
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	\$0
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124081	Regulation of GC B Cells by Transcription Factor STAT3	-\$1,175
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI126252	Functions of T. pallidum and L. interrogans PUR proteins	-\$228
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI122078	Blocking RNA virus replication through the antiviral functions of cellular helicases	-\$80
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI124649	Mutagenesis in Chlamydia trachomatis via allelic exchange	\$0
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI126883	Borrelia miyamotoi: mechanisms of tick colonization and transmission	\$0
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127222	Correlates of protection from TB and TB/AIDS comorbidity	\$0
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	-\$498,841
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	\$0
2017	Louisiana State University System	LA	R21AI121731	Novel Pneumocystis Surface Proteins as Vaccines to Prevent Infection	-\$20,000
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI122199	Antigen Structure-Based Supervised Learning for CD4+ T-cell Epitope Prediction	\$0
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	-\$388,321
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI122197	Mast cell control of endogenous, antigen-specific CD4 T cell immunity	-\$50
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	-\$299,863
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$876
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	-\$8,164

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2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI128130	Role of IDO in tryptophan pathway during Mycobacterial Tuberculosis infection	-\$78,848
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127160	Characterization of Protective Immunity to MTB in a Setting of HIV Coinfection	\$0
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI125542	The Role of STa in ETEC Pathogenesis	\$17,942
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	-\$4,037
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	-\$6,605
2017	Trustees Of Boston University	MA	R01AI113321	Initiation and regulation of RSV mRNA transcription and genome replication	\$0
2017	MICROBIOTIX, INC	MA	R44AI100332	Optimization of novel pyranopyridine efflux pump inhibitors	\$0
2017	GINER, INC	MA	R43AI132046	Point-of-Care Sensor for Host Gene Response to Pathogen Infection	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117304	Defining physiological correlates of the human malaria infectious reservoir	-\$257
2017	TUFTS UNIVERSITY	MA	R03AI123885	Novel Recombinant Chlamydia Antigens	\$0
2017	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI123746	Identification of novel Toxoplasma genes involved in host-parasite interactions	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI127169	Immunity to TB in highly immunosuppressed HIV-infected and uninfected individuals	-\$1,800
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI124101	Mechanisms of disease in patients with I?B? mutations	\$0
2017	BRANDEIS UNIVERSITY	MA	R56AI090745	Glycopeptide evolution targeting antibodies of the PGT128 lineage.	-\$410
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI115711	Tesamorelin Effects on Liver Fat and Histology in HIV: A Collaborative U01 Grant	\$0
2017	TUFTS UNIVERSITY	MA	R21AI126067	Identifying Factors That Control Germinant Sensitivity During Clostridium Difficile Spore Germination	\$0
2017	WARP DRIVE BIO INC	MA	R43AI131946	New Approaches to Mining the Complete Actinomycete Genome to Discover Novel Beta-Lactam Antibiotics	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	-\$24,002
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$0
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102907	Molecular characterization and substrate identification of malaria kinase PfCDPK5	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$872
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI111918	Inflammation and the vaginal metagenome in HIV acquisition	\$0
2017	Trustees Of Boston University	MA	R33AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFN γ	-\$938
2017	Trustees Of Boston University	MA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	-\$105,296
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI122160	Recognition of Group B Streptococci by Innate Immune Sensors	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	-\$770,880
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	-\$268,797
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI110655	Subcellular Mechanisms for Fungal Phagosome Maturation in Macrophages	\$0
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117706	Adjuvants and Glucan Particle Vaccines	\$0
2017	BROAD INSTITUTE INC	MA	R21AI121932	Microfluidic sample preparation for genomic sequencing of clinical pathogen isolates	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI123883	Host neutrophils as direct mediators of tissue graft revascularization	\$0
2017	DANA-FARBER CANCER INSTITUTE	MA	R56AI138489	Elucidating protective CTL immunity through physical detection of epitopes in conjunction with assessment of TCR-pMHC bond lifetimes under load	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI126239	Identification of potent small molecule inhibitors of Cas9	-\$272
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI125972	Regulation of P. aeruginosa fitness by small non-coding RNAs	-\$13
2017	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$0
2017	TUFTS UNIVERSITY	MA	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$0
2017	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI110293	Role of p38 MAPK activation in AIDS pathogenesis	\$0

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2017	UNIVERSITY OF MASSACHUSETTS	MA	U01AI118161	Vaccines and Immunotherapeutics against gonorrhea in the context of Chlamydia co	-\$2
2017	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	-\$191,767
2017	TUFTS UNIVERSITY	MA	R21AI126050	The regulation of basal interferon and its role in necroptosis	-\$2,700
2017	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI126999	Optimization of a mucosal RSV vaccine	\$0
2017	TUFTS UNIVERSITY	MA	R21AI119833	Activation of STING-mediated pathway(s) in T cells	\$0
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131502	Functional characterization of HtrA, an essential mycobacterial protease	\$0
2017	CASTERBRIDGE PHARMACEUTICALS INC	MA	R41AI131739	Hit-to-Lead optimization of small-molecule inhibitors of herpes simplex viruses	\$0
2017	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$0
2017	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	-\$2,608
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$0
2017	EXARCA PHARMACEUTICALS, LLC	MA	R43AI132058	Novel anti-infectives for Clostridium difficile infection	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI127766	The role of CD1a-restricted T cells in inflammatory skin diseases	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$0
2017	Trustees Of Boston University	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	-\$1,000
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	-\$148
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	-\$3,325
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI106734	Evolutionary medicine in the development of antimalaria drugs	-\$15,046
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121613	MITOPlas_Scalable characterization of the malaria parasite mitochondrial proteome	\$0
2017	BOSTON COLLEGE	MA	R03AI122042	Proteomic mapping of differential secretion in Toxoplasma gondii	-\$3,120
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121700	Synergistic Photodynamic Therapy for Catherer-Associated Urinary Tract Infections	\$751
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI111809	Boosting cell-intrinsic innate immune recognition of HIV-1 by dendritic cells	\$0
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	-\$19,115

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2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI112652	Global regulators converge to orchestrate metabolism, biofilm, and pathogenesis	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$0
2017	BETH ISRAEL HOSPITAL	MA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$0
2017	BOSTON COLLEGE	MA	R21AI117247	Predicting species-wide virulence for a bacterial pathogen with a large pan-genome	-\$106
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI127231	The role of the trimer association domain (TAD) in controlling the conformation of the HIV-1 envelope trimer and protection of the CD4 binding site	-\$4,585
2017	TUFTS MEDICAL CENTER	MA	R21AI127238	Role of GAG-Binding Proteins in Cryptosporidium Infection	\$0
2017	TUFTS UNIVERSITY	MA	R00AI114952	Bacterial Sensing and Response to Chloride as a Novel Tuberculosis Drug Target	\$0
2017	VERALASE LLC	MA	R42AI114012	Development of small near-infrared laser system capable of improving immune responses to vaccines (laser-based adjuvant)	-\$1
2017	Trustees Of Boston University	MA	R21AI127706	Seminal Microbiota Associated with Inflammation and HIV Transmission	-\$204
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126154	Functional analysis of Plasmodium vivax drug resistance polymorphisms	\$0
2017	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI129378	Selection of a device for intranasal administration of a mucosal vaccine for HSV-2	\$0
2017	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	-\$7,827
2017	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	-\$28,386
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	-\$249,877
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	-\$104,843
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	-\$641,235
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126189	Human islet-derived, islet-reactive T cells from subjects with Type 1 diabetes	\$0
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI126465	Siderophore-based antibiotics: consequences for the microbiota and bacterial pathogens	\$0
2017	Trustees Of Boston University	MA	R21AI121933	Role for polyamines in Ebola Virus Replication	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI125476	Glycomic Characterization of Germinal Center B cells	\$0

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2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126143	Control of regulatory T cell stability and function by the Foxo1 transcription factor	-\$2,135
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$0
2017	PROFECTUS BIOSCIENCES INC	MD	R44AI110315	Optimization of a Therapeutic HIVSIV Multi-Antigen DNA Vaccine	-\$10,017
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126184	JEDI negatively regulates TCR-signaling in chronically-stimulated T cells	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119733	Ultra-dense peptide array analysis of naturally acquired and vaccine-induced P. falciparum immunity	\$0
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131616	FASEB SRC on Molecular Pathogenesis: Mechanisms of Infectious Disease	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI125388	Outer membrane remodeling of attenuated Salmonella to create a mucosal vaccine against Acinetobacter baumannii	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$0
2017	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$0
2017	CASCADE THERAPEUTICS, INC.	MD	R43AI128888	Evaluation of Natural Products and Derivatives as Antimalarial Agents	\$0
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131593	FASEB SRC on Molecular Mechanisms of Immune Cell Development and Function	\$0
2017	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$0
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI121517	Helicobacter pylori CagA toxin polymorphism	-\$95
2017	SIGMOVIR BIOSYSTEMS INC	MD	R42AI109926	Development of VLP vaccine for RSV	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulinitis in Autoimmune Diabetes	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI110925	Catalysis In the Membrane: Developing Direct Assays for High-Throughput Screening	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI120024	A mouse viral outgrowth assay for the detection of residual HIV-1 reservoirs	\$0

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2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI122922	A novel "shock and kill" strategy for eliminating Mtb persists in the CD4 T-cell-deficient host	-\$4,617
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124020	Molecular analyses of toxin nanopore structural dynamics	-\$10,435
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI125961	Control of type I interferon responses by p53	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI122382	Targeting Latently Infected Primary Cells using Integrated Glycoproteomics	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	-\$9
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110627	EXPLORATION OF PROTECTIVE IMMUNITY INDUCED BY SALMONELLA COPS: FLIC CONJUGATES	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121805	Towards a new regimen to treat mycobacterial infection in cystic fibrosis patients	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI123613	Characterization of Plasmodium GAPDH as a candidate for development of a malaria pre-erythrocytic vaccine	\$0
2017	J CRAIG VENTER INSTITUTE INC	MD	R00AI112691	Regulatory Circuits that Link Cell Fate and Virulence in Histoplasma Capsulatum	\$0
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122068	Antibody-based prophylactic EBV vaccine	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121768	Mannose Receptor, miR-511-3p, and Macrophage Polarization in Asthma	\$0
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI120918	Therapeutic potential of PSG1 administration in GVHD	\$0
2017	SANARIA INC	MD	R44AI085740	In-Vitro Culture of Plasmodium falciparum Sporozoites for Malaria Vaccine	\$0
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	-\$432
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI117095	Host-targeted therapeutics for pertussis in infants	\$0
2017	J CRAIG VENTER INSTITUTE INC	MD	R21AI122100	Somatic Mutation in the Etiology of Multiple Sclerosis	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI126896	Human in vivo Th17 cell responses in cutaneous immunity to Staphylococcus aureus	\$0
2017	SANARIA INC	MD	R43AI124867	Manufacture of aseptic, purified, cryopreserved Plasmodium vivax sporozoites (PvSPZ Challenge) for controlled human malaria infection (CHMI)	\$0

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2017	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI131900	Highly specific HIV-1 mRNA detection method with global subtype coverage to monitor latency reversal in patients	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R34AI132003	A Pharmacokinetic and dose escalation study of low dose emetine in healthy volunteers	\$0
2017	KAMTEK, INC	MD	R43AI122531	In Vivo Efficacy Studies of Clofazimine against CDAD in Hamster Model	-\$8
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126300	Diabetic Comorbidity and MERS Coronavirus Pathogenesis	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	-\$44,973
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126492	Evaluation of novel substrate specific inhibitors of ERK1/2 in the treatment of asthma	-\$9
2017	FZATA INC	MD	R43AI129044	A Yeast based Immunotherapy against Clostridium difficile Infection	\$0
2017	AERAS GLOBAL TB FOUNDATION	MD	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	-\$210,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	-\$9,139
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	-\$5,534
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI122248	Role of maternal and infant vaccine-induced IgG in protection against pertussis	\$0
2017	MEDIGEN INC	MD	R44AI094863	Novel DNA-Launched Attenuated Vaccine for VEE Virus SBIR Phase II	\$0
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122029	A novel approach for developing inactivated chikungunya virus vaccine	\$0
2017	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI131826	Development of a next-generation quantitative viral outgrowth assay (QVOA) for the standardized measurement of the HIV-1 latent reservoir	-\$640
2017	UNIVERSITY OF MARYLAND	MD	R21AI122205	Nanotopographic modulation of B cell signaling activation	-\$2
2017	Regents of the University of Michigan	MI	R21AI121721	Development of Adaptive Immunity to Influenza A: A Longitudinal Study of Anti-Hemagglutinin Antibodies, Their Cross-Reactivity and Protection in Children	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R56AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	-\$198,692

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2017	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$0
2017	TSRL, INC	MI	R44AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$0
2017	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	\$0
2017	Regents of the University of Michigan	MI	R21AI117371	Characterizing the Respiratory Microbiome Via a Novel, Non-Invasive Technique	-\$1,797
2017	Western Michigan University School of Medicine	MI	R21AI126336	IgM vs IgG natural antibodies that bind pathogenic apolipoprotein B100	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI122863	Mechanism of HIV-1 Env Degradation by the ERAD pathway	\$0
2017	VAN ANDEL RESEARCH INSTITUTE	MI	R21AI129872	On-chip Glycan Analysis of Clinical Specimens	\$0
2017	Regents of the University of Michigan	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in <i>S. pneumoniae</i>	\$0
2017	Regents of the University of Michigan	MI	UH2AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$0
2017	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	-\$98,816
2017	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	-\$107,964
2017	Regents of the University of Michigan	MI	R56AI129428	The Immune Response to Pathogens is Controlled by the Cytokine-Induced Epigenetics Signature	\$0
2017	MAYO CLINIC	MN	R21AI125719	Maintenance and targeting of bone marrow derived allo-reactive human plasma cells	\$0
2017	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$0
2017	HEALTHPARTNERS INSTITUTE	MN	R21AI122141	Safety of Live versus Inactivated Influenza Vaccine in Asthmatic Children	\$0
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI123600	Integrin regulation of memory CD8 T cells	\$0
2017	UNIVERSITY OF MINNESOTA	MN	R21AI119395	MicroRNA regulation of CD38 and chemokine genes in human airway smooth muscle	\$0
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125729	High affinity IgG Fc receptor FcγRIA variants as novel genetic markers for sarcoidosis	\$0
2017	MAYO CLINIC	MN	R56AI122746	Regulation of T cell development by HDAC3	\$0
2017	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	-\$1
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI121587	Gene enhancer mapping technology in Anopheles	-\$1,638
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI122352	Control of cryptococcal infection through manipulation of the host immune response.	\$0
2017	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	-\$100,794
2017	WASHINGTON UNIVERSITY	MO	R21AI126652	ROLE OF CTCF IN HTLV-1 PATHOGENESIS	\$0
2017	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$0

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2017	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	-\$30,437
2017	WASHINGTON UNIVERSITY	MO	R01AI108749	EBPA-FIBROGEN INTERACTION IN ENTEROCOCCUS FAECALIS CAUTI	\$0
2017	WASHINGTON UNIVERSITY	MO	R21AI123789	Analysis of Complement Activation and Regulation by Mass Cytometry	-\$891
2017	WASHINGTON UNIVERSITY	MO	R21AI115139	REGULATION OF COMPLEMENT ACTIVATION BY SALP20 PROTEIN	-\$286
2017	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	-\$261,898
2017	VaxNewMO LLC	MO	R41AI131742	Towards a New Generation of Glycoengineered Pneumococcal Bioconjugate Vaccines	\$0
2017	SAINT LOUIS UNIVERSITY	MO	R21AI127196	Assembly of HIV intasomes	-\$372
2017	INTACT GENOMICS INC	MO	R44AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	-\$2
2017	MEDIOMICS LLC	MO	R43AI131833	Developing specific, rapid and cost-effective immunoassays for Zika detection	\$0
2017	WASHINGTON UNIVERSITY	MO	R56AI127835	DEVELOPMENT, VALIDATION, AND OPTIMIZATION OF HTS SCREENS TARGETING NIPAH AND HENDRA VIRUS RNA SYNTHESIS	\$0
2017	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$0
2017	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	-\$2
2017	WASHINGTON UNIVERSITY	MO	R56AI134035	Cis-Regulatory Circuits for ILC Function and Plasticity	-\$515
2017	WASHINGTON UNIVERSITY	MO	R01AI111605	INTERFERON SIGNAL ENHANCERS AS ANTIVIRAL THERAPEUTICS	\$0
2017	MISSISSIPPI STATE UNIVERSITY	MS	R03AI117223	Adapting to new hosts: Identifying genes under selection in malaria parasites	\$0
2017	UNIVERSITY OF MONTANA	MT	R21AI123293	Caenorhabditis elegans infection model for Coxiella burnetii	-\$100
2017	MONTANA STATE UNIVERSITY	MT	R21AI117441	Role of type I IFN and human TLR4 in Coxiella burnetii pathogenesis	\$0
2017	UNIVERSITY OF MONTANA	MT	R03AI122167	Determining the role of trogocytosis-mediated signaling on CD4 T cell phenotype and effector functions	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	-\$66
2017	Duke University	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	-\$191
2017	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$0
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI122330	Regulation of avidity in T lymphocytes	\$0
2017	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	Duke University	NC	R21AI124100	Defining novel Riplet-activated antiviral innate immune signaling pathways	-\$1
2017	Duke University	NC	R21AI132978	Host-derived biomarker signatures to differentiate acute viral, bacterial, and fungal infection	\$0
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	-\$469,883
2017	Duke University	NC	R21AI124344	Postpartum HIV care engagement in the context of Option B+ in Tanzania	-\$8
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	-\$67,471
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$0
2017	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	-\$162,448
2017	NIRVANA SCIENCES, INC.	NC	R42AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cytometry	\$0
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R56AI065791	Metabolic and Immune Properties of Sepsis	-\$3,633
2017	RIBOMETRIX LLC	NC	R21AI131801	Targeting the HIV RNA genome using fragment-based ligand discovery	\$23,100
2017	Duke University	NC	R01AI125604	Dynamics of horizontal gene transfer in response to antibiotic treatment	\$0
2017	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$0
2017	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$0
2017	Duke University	NC	R21AI128405	Generation of Zika virus-specific recombinant antibodies	\$0
2017	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$0
2017	Duke University	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	-\$2,087
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	\$0
2017	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI120549	Acute Infection: Lived Experiences and Ethical Challenges in HIV Research	\$0
2017	RIBOMETRIX LLC	NC	R43AI129095	An RNA-targeted platform for anti-flavivirus drug discovery	-\$160,227
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	-\$63,859
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI112432	Using Phylogenetics to Elucidate HIV Transmission Patterns and Inform Prevention	-\$636

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI123811	Hybrid Sequencing to Define the Full-Length Transcriptome of Double Stranded DNA Viruses	\$0
2017	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$0
2017	UNIVERSITY OF NORTH DAKOTA	ND	R21AI125775	MicroRNAs induced in response to Borrelia burgdorferi	-\$6,143
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI111862	Improve the safety of an efficacious live-attenuated HIV -1 vaccine through unnatu	\$0
2017	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapation and Fungal Virulence of Aspergillus fumigatus	\$0
2017	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	-\$117,482
2017	DARTMOUTH COLLEGE	NH	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	-\$1
2017	DARTMOUTH COLLEGE	NH	R21AI121820	The Role of Flagellar Motility to Innate Immune Recognition of Bacteria	\$0
2017	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	\$0
2017	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	-\$54,474
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI124192	Expression of BTB-ZF Transcriptional Regulators as Biomarkers of Immune System Development	\$0
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120600	Functional analysis of a novel Treg population identified by transcription factor profiling	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI122034	GrgA: Key Regulator of Chlamydial Physiology and potential Antichlamydial Target	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117338	Genomic variation in epidemic carbapenem-resistant K.pneumoniae	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI121621	The in vivo effect of vitamin D on Mycobacterium tuberculosis infection	-\$6,155
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI124769	HIV-1-Specific CTL Exhaustion at Immune Synapse	\$195,082
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123970	Manganese acquisition and Mycobacterium tuberculosis virulence	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	-\$524,999
2017	PRINCETON UNIVERSITY	NJ	R21AI121828	The biophysical mechanism of pilus-based surface sensing in Pseudomonas aeruginosa	\$0
2017	PRINCETON UNIVERSITY	NJ	R21AI117009	High-throughput Quantification of Persister Physiology at the Systems Level	-\$575

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2017	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R21AI120973	Field-deployable Assay for Differential Diagnosis of Malaria and Viral Febrile Illnesses	-\$105
2017	NEW MEXICO STATE UNIVERSITY	NM	SC1AI112786	Bacterial colonization and immunogenicity in the mosquito gut ecosystem	\$0
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI119708	Basis of MyD88-independent Th1 immunity during Toxoplasma infection	\$0
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI121806	Paratransgenic sand flies	-\$67,820
2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI125873	Real-time estimation of antibiotic concentration in a bacterial cell	-\$5,857
2017	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	-\$1,485
2017	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$0
2017	UNIVERSITY OF NEVADA-RENO	NV	R21AI116985	MicroRNA regulation of airway remodeling and repair in asthma	-\$2,619
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$23,448
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	-\$2
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$0
2017	HEALTH RESEARCH, INC.	NY	R21AI109275	Mechanisms of IgA - mediated immunity to Vibrio cholerae	\$0
2017	NEW YORK MEDICAL COLLEGE	NY	R21AI122108	Preclinical Development of a Multivalent Tularemia Vaccine	\$0
2017	CORNELL UNIVERSITY	NY	R21AI117300	Development of novel protease inhibitors for influenza and paramyxoviruses	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	-\$296,711
2017	NEW YORK MEDICAL COLLEGE	NY	R21AI117088	Population analysis of group A streptococcal phenotypes	\$0
2017	UNIVERSITY OF ROCHESTER	NY	R21AI119646	Diagnosis of early Staphylococcus aureus infections using circulating plasmablasts	-\$527
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI125128	Single-Cell Analysis of HIV Replication	\$0
2017	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	-\$59,058
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	-\$8
2017	New York University	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$0
2017	UNIVERSITY OF ROCHESTER	NY	F30AI114036	The influence of inflammation on CD4 T cell interstitial migration	-\$2,847

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2017	Trustees Of Columbia University In The City Of New York	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$0
2017	CUNY, RESEARCH FOUNDATION	NY	R21AI121784	The representative microbiome: social determinants and tools for population research	\$0
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI117678	Novel functions of TH17 cytokines: reciprocal regulation of non-canonical wnts	\$0
2017	CALDER BIOSCIENCES INC.	NY	R44AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$0
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	-\$236,374
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	-\$227,383
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	-\$293,182
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	-\$12,426
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI102970	Lung Microbiome and Inflammation in Early COPD	\$0
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124000	Adipose tissue Inflammation is a critical mediator of host response to T. cruzi	-\$94
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124797	Antibody differentially alters Histoplasma extracellular vesicles	-\$1,260
2017	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	-\$98,856
2017	UNIVERSITY OF ROCHESTER	NY	R21AI122820	Reversing inhibitory receptor signaling for PcP Therapy	-\$3,871
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI106501	Epitope optimization for heterologous prime-boost HIV vaccines	-\$1,404
2017	ABCOMBI BIOSCIENCES INC	NY	R41AI124851	Therapy for drug resistant influenza strains by nucleic acid targeting of respiratory airways	\$0
2017	SUNY, STONY BROOK	NY	R21AI129306	Structure-based Design of Zika Virus Inhibitors Targeting Envelope Glycoprotein (E)	\$0
2017	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$0
2017	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	-\$1
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	-\$714,657
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$714,657
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI108715	Chemokine regulation of myeloid cell populations during West Nile virus infection	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	\$0
2017	POPULATION COUNCIL, INC	NY	R21AI124409	Assessing the acceptability, feasibility, and a potential distribution model of HIV oral self-testing (HST) among men who have sex with men (MSM) in Lagos, Nigeria	\$0

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2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127326	Mechanism of HIV-1 Latency and Reactivation Kinetics Using Single Cell Analysis	-\$1,029
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI125236	N6-methyladenosine and the biology of HIV	\$0
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R03AI122040	Gene Therapy for the Treatment of Hereditary Angioedema	-\$6
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R13AI134393	All Africa IeDEA Conference	-\$5
2017	COLD SPRING HARBOR LABORATORY	NY	R13AI131576	CSHL Microbial Pathogenesis and Host Response Conference	\$0
2017	IFYBER LLC	NY	R43AI134523	Peptide-based wound dressing for prevention and management of infected wounds	-\$40
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$0
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$0
2017	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$0
2017	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$0
2017	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$0
2017	CUNY, RESEARCH FOUNDATION	NY	SC1AI114843	Mechanism of cellular recognition and entry by a circovirus	\$0
2017	SUNY, BUFFALO	NY	R21AI117309	A Hybrid Bio-synthetic Vector Designed to Elicit Directed in vivo Immune Response	-\$111
2017	SUNY, BUFFALO	NY	R21AI122964	A His-tag Binding Membrane System for Generating Neutralizing Gp41 MPER antibodies	-\$1
2017	POPULATION COUNCIL, INC	NY	R56AI098546	Role of integrin a4b7 in HIV/SIV transmission across cervico-vaginal mucosa	\$0
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	-\$31,246
2017	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	-\$2,605
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	-\$1,784
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	-\$71
2017	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$0
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI121848	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	-\$173
2017	Trustees Of Columbia University In The City Of New York	NY	R21AI119953	Controllable Rigidity Surfaces for T Cell Mechanobiology	\$0
2017	BIOPEPTIDES INC	NY	R44AI102435	Development of a cytokine release assay for the diagnosis of Lyme disease	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	-\$74,253
2017	CORNELL UNIVERSITY	NY	K22AI116729	Prostaglandin regulation of type 2 inflammation	\$0

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2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K99AI125786	Immune - Microbiota Interaction in defense against Clostridium difficile	-\$54,903
2017	BUFFALO BIOLABS LLC	NY	R43AI126979	A Novel TLR5 Agonist-Based Adjuvant for Poliovirus Vaccine	\$0
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121996	Intestinal Immune Response in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107443	Regulation of the potassium channel IK1 by calcium and histidine phosphorylation	\$0
2017	SUNY, BUFFALO	NY	R21AI123558	Development of a diagnostic test for hypervirulent Klebsiella pneumoniae	-\$1,048
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI122801	Early cellular sensing of blood stage Plasmodium Parasites by Innate Immune Cells	\$0
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI076059	Elimination of HIV using HERV specific T cells	\$725,409
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	-\$867
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	-\$2
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$0
2017	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	-\$985,678
2017	UNIVERSITY OF ROCHESTER	NY	R21AI115251	Ribonuclease E a novel new Gram-negative antimicrobial target	\$0
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R03AI122221	Mechanisms of mast cell activation in KSHV-mediated disease	-\$631
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI123658	Natural killer cell and T-cell crosstalk in CMV infection	\$0
2017	SUNY, STONY BROOK	NY	R21AI121639	Small Molecule Inhibition of Pilus Biogenesis by Pathogenic Bacteria	\$0
2017	IFYBER LLC	NY	R43AI132094	A Nitric Oxide Polymer Platform for the Prevention and Treatment of Infected Wounds	-\$508
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127173	Antibodies associated with protection against tuberculosis in nonhuman primates	-\$1,117
2017	Trustees Of Columbia University In The City Of New York	NY	R13AI131743	The 9th International Workshop on HIV Pediatrics	-\$8
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$1,782,591
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	-\$1,782,591
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$0
2017	ROCKEFELLER UNIVERSITY	NY	U01AI118536	3BNC117 mAb in HIV-infected subjects on combination ART	\$0
2017	UNIVERSITY OF ROCHESTER	NY	R21AI117105	New Approaches toward cultivating Molluscum contagiosum virus	\$0

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2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI119573	Inhibition of methionine biosynthesis eliminates persistent M. tuberculosis.	-\$1,648
2017	UNIVERSITY OF ROCHESTER	NY	R21AI121550	Broadly Neutralizing Antibodies Against Human Pathogenic Old World Arenaviruses	\$0
2017	HEALTH RESEARCH, INC.	NY	R21AI126416	High-throughput application of CRISPR technology to identify gene function in Salmonella	\$0
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI124062	Communication between skin and gastrointestinal tract in food allergy	\$0
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	-\$134,610
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$0
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI120204	Role of non-coding RNA in establishing and maintaining HIV latency	\$0
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI122380	Targeting the IL-10 pathway for an HIV Cure	-\$3,838
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$0
2017	UNIVERSITY OF CINCINNATI	OH	R01AI113162	Suppression of IgE-Mediated Disease by Polyclonal Rapid Desensitization	\$0
2017	OHIO STATE UNIVERSITY	OH	R21AI124463	Brd4 interactions with host and viral proteins via the extra-terminal domain	\$0
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$0
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	-\$1,422
2017	GUILD ASSOCIATES INC	OH	R43AI134249	Phage-accelerated test system for ID/AST of urinary tract infections	-\$21,880
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$0
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	\$0
2017	OHIO STATE UNIVERSITY	OH	R03AI124017	Semiparametric analysis of the household transmission of cholera	\$0
2017	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	-\$56,597
2017	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$0
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI117350	Novel unconventional myosins in B cell activation	\$0
2017	Research Institute at Nationwide's Children's Hospital	OH	R21AI122228	The impact of quasi-envelopment on hepatitis virus infection and immunity	-\$9
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI122132	Human monoclonal antibodies against norovirus.	\$0
2017	UNIVERSITY OF CINCINNATI	OH	R13AI134000	International Workshop on Opportunistic Protists (IWOP-14)	-\$2,260
2017	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	-\$20,056
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	-\$47,047

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2017	Research Institute at Nationwide's Children's Hospital	OH	R21AI120013	Calcium dependent mechanisms of neutrophil dysfunction that contribute to cystic fibrosis pathobiology	-\$206
2017	OKLAHOMA STATE UNIVERSITY	OK	R21AI121591	MicroRNA-193b regulation of influenza virus replication	\$0
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI122693	E protein activity regulates effector lineage differentiation of NKT and ILCs	\$0
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI123951	Identification of Proteins Interacting with ARID3a	\$0
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI121925	Characterization of a C. difficile Toxin-Encoded Cell Penetrating Peptide	-\$14
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI133671	International Herpesvirus Workshop	\$0
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$0
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127125	Impact of retroviral infection on non-classical, mycobacteria-specific T cells.	-\$15,114
2017	MABDX INC.	OR	R43AI132041	Novel, Simple and Rapid Point-of-Care Lateral Flow Immunoassays for Diagnosis of Zika Virus Infection	\$0
2017	TOMEGAVAX, INC.	OR	R44AI129232	A Cytomegalovirus-based therapeutic vaccine for chronic hepatitis B	\$0
2017	OREGON STATE UNIVERSITY	OR	R21AI121752	Chlamydia-induced host protein degradation and its impact on the adaptive immune response.	-\$1,252
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	-\$14,113
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105343	Cellular and transcriptional control of exhausted CD8 T cells lineage dynamics	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	-\$4,674
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117135	Genetic determinants of systemic host-adapted Salmonella	\$0
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI123934	Transcriptomes and Proteomes of Plasmodium Vivax	-\$11,200
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125796	Pathogenic Contributions of Clostridium perfringens NanI Sialidase	-\$17,145
2017	TEMPLE UNIVERSITY	PA	R21AI122035	Role of Nuclear Lamina in the epigenetic regulation of Epstein-Barr Virus Infection	\$0
2017	LIGNAMED, LLC	PA	R41AI132012	Effects of LGM2605 on a Primate Model of Asthma	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI123747	Mechanisms and implications of fosfomycin resistance in Escherichia coli	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI111789	Harnessing type 1 IFN-stimulated antiviral mechanisms for HIV vaccine design	-\$848
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI123611	Regulation of cellular functions by two human Polyomaviruses	-\$5
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI117644	T-cell clonotypes in BK virus infection complicated by acute rejection	-\$248

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI115104	Identifying proteins involved in virus DNA replication	-\$1
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	-\$36,422
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$0
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	-\$329,541
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	-\$21,563
2017	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	-\$3,371
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104946	Puf-Mediated Translation Control in Plasmodium	-\$2,322
2017	UNIVERSITY OF PITTSBURGH	PA	R56AI130034	Inflammatory B Cells Defined by TIM-4 in the Alloimmune Response	\$0
2017	DREXEL UNIVERSITY	PA	R21AI121821	Polymorphism: Antifungal Drug Resistance & Adaptation in Candida	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	-\$12,219
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	-\$82,358
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$0
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$0
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI110410	Dipyridamole as a Modulator of HIV-1 Inflammation by Adenosine Regulation	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R33AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	-\$1,335
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124057	Identifying Rare Subtypes of CD8 T-cells Using Single Cell Reactors	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI122071	The Effects of Nitrate/Nitrite and Conjugated Linoleic Acid Supplementation on the Obese Asthmatic Pathology	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI116855	Comparative and functional genomics of Toxoplasma and Hammondia hammondi	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R13AI131504	2017 International Congress of Virology (ICV)	-\$1,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI114907	Mycoplasma genitalium, differentiated Ureaplasma species, and pregnancy outcomes	-\$346
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	-\$102,183
2017	ACTUATED MEDICAL INC	PA	R44AI080335	Portable Transdermal Acoustic Patch for Delivery of Large Molecules to Improve HIV Patient Medication Regime Compliance by Elimination of Side-Effects, Including Injection Site Reactions	\$0

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2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$0
2017	PHELIX THERAPEUTICS LLC	PA	R44AI118063	CATHEPSIN L INHIBITORS AS PAN-CORONAVIRUS THERAPEUTICS	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121555	Imaging and PK-PD of micafungin at sites of Candida glabrata infection in vivo	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	F32AI124518	Exploring TrpB in the pathogenesis of cryptosporidiosis	-\$8,386
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI127066	Host and Pathogen Diversity in Mtb and SIV Infection	\$0
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI128918	Potential for mosquitoes in the United States to transmit Zika virus	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	-\$80,720
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI123771	Dendritic Cell-Mediated Oral Antigen Tolerance and the Lung	-\$287
2017	VENATORX PHARMACEUTICALS INC	PA	R43AI124925	Discovery of inhibitors of BK polyomavirus	-\$1
2017	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R43AI133620	Topical Drug Treatment of Cutaneous Leishmaniasis	\$0
2017	HEPATITIS B FOUNDATION	PA	R13AI131590	2017 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	-\$4,800
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$19,408
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$0
2017	WISTAR INSTITUTE	PA	U01AI110434	Towards Eradication: Reducing Proviral HIV DNA with Interferon-? Immunotherapy	-\$82,068
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112456	Non-CD4 tropic SIV: Enhancing CD4 T-cell help in antiviral immune responses	-\$54,792
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121822	Role of estrous cycle and contraceptives in anogenital papillomavirus infection	\$0
2017	TEMPLE UNIVERSITY	PA	R21AI119947	Bacterial amyloids break tolerance in lupus	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI124676	Dissecting the role of the ATF4 stress response in T cell-mediated inflammation	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI126157	Microbiome and host response signatures for pneumonia among lung transplant recipients	\$0
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI126351	Integration of Enteric Immune and Nervous Systems in the Mucosal Recall Immune Response	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	-\$3,539
2017	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	-\$941
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI124241	Transcription elongation in B cell differentiation	-\$166
2017	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R21AI119368	Comprehensive functional assesment of the human antibody response to Enterovirus 71	\$0

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2017	UNIVERSITY OF RHODE ISLAND	RI	R03AI124092	Comparative genomics of a unique mutualistic apicomplexan	\$0
2017	EPIVAX, INC	RI	R43AI118189	Development of a Non-adjuvanted VLP Vaccine against Stealth H7N9 Influenza	\$0
2017	BROWN UNIVERSITY	RI	R21AI122011	Development of Quantitative Genetics Approaches in Candida albicans	\$0
2017	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	-\$399,172
2017	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$0
2017	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	-\$62,231
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI124687	Stromal IL -6/Jak-STAT Signaling and Pancreatitis	-\$6,390
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI123803	Impact of envelope proteins on poxviral pathogenesis	\$0
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI122919	Mechanisms of the effect of HIV disclosure on clinical outcomes: A longitudinal study	\$0
2017	NUBAD LLC	SC	R41AI126874	Aminoglycosides with reduced ototoxicity	\$0
2017	NUBAD LLC	SC	R41AI120303	Screening the Ribosome for New Target Sites	\$0
2017	SAB BIOTHERAPEUTICS, INC.	SD	R44AI117976	Production of therapeutic human polyclonal antibodies against influenza viruses	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI126755	Investigation of the FAS-II enzyme, FabK, as a druggable target for C. difficile	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$0
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI126101	Beyond model development: murine astrovirus endogenous pathogens of laboratory mice	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121796	Prostaglandins as protective mediators in Clostridium difficile infection	\$0
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI127693	Characterization of Anopheline Odorant Receptors	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	K22AI110541	A novel role for the inflammasome in the immunopathogenesis of Candida vaginitis	-\$5,041
2017	UNIVERSITY OF TENNESSEE	TN	R21AI119462	Enterobactin-mediated iron acquisition for Campylobacter infection	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	-\$876

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2017	IQUITY LABS, INC.	TN	R43AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	-\$49
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121420	The role of ovarian hormones on allergen-mediated innate immune airway responses	\$0
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	-\$18,462
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI120012	STAT1: New regulator of inflammatory Th17 and Th2 cells	\$0
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123672	The role of small non-coding RNA in borrelial pathogenesis	-\$3,782
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI112647	Seroprevalence and Risk of Chagas Disease in Texas Hunters	-\$60,213
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126144	Wnt signaling during Ehrlichia infection	\$0
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI124675	The role of ATO function in fungal pathogenesis	\$0
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	-\$63,944
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	-\$376
2017	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	-\$57,466
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI121604	Therapeutic Potential of Cystatin 9 Treatment to Fight Bacterial Pneumonia	\$0
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI124063	Manipulation of host complement by Clostridium difficile spores - an immune evasion strategy.	-\$42
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI121807	Conserved RNA Secondary Structures in three Betacoronaviruses: MHV, BCoV, and MERS-CoV	-\$420
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI125269	Role of Cul4A in Th2 tolerance and airway inflammation	\$0
2017	MICROGEN LLC	TX	R43AI134194	Low Cost Point-Of-Care Test For CMV	\$0
2017	BAYLOR COLLEGE OF MEDICINE	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	-\$166,139
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	Ehrlichia T1S Effector Regulation of Host Gene Transcription	\$0
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	-\$1,230
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115302	Self-assembling Peptide Nanomaterials for Eliciting Mucosal CD8+ T cell Immunity	-\$1
2017	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123650	Trypanosoma cruzi testing of Triatoma vectors in a likely endemic area of Southeast Texas	-\$1,006

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2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI124803	Identifying host factors essential for HIV latency maintenance	-\$97,788
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	-\$114,284
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI124769	HIV-1-Specific CTL Exhaustion at Immune Synapse	-\$195,696
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	-\$82,261
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI105712	Chlamydia Vaccine---Global search for chlamydial T cell antigens in HLA-DR4 transgenic mice	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124452	Bacterial delivery of RNAi and CRISPRs for modulation of mosquito transcription	-\$5,977
2017	SANO CHEMICALS, INC.	TX	R41AI122441	Optimization of the Production and Isolation of the Novel Antifungal Occidiofungin	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129507	Microbial interplay between ZIKA virus and the native microbiome in mosquitoes	-\$176,000
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI124866	Role of NEAT1 lncRNA in HIV replication	\$0
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI129594	Targeting of Master Signaling Molecule to Restore Functions of Exhausted HIV-specific CTLs	-\$13,281
2017	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	-\$1,956
2017	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI116567	Role of Cholesterol Metabolism in Pathogenesis of Mycobacterium Tuberculosis	-\$587
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117483	Novel Therapeutic Target(s) for Pathogenic Rickettsia Species	\$0
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI124021	Thioredoxin mediated Acinetobacter baumannii colonization in the GI tract	-\$7
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119873	Ixodes scapularis and Amblyomma americanum tick cement proteome	\$0
2017	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123652	Understanding the ecology of tick-borne relapsing fever spirochetes in Panama	-\$1,948
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	-\$180
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI112015	Development of novel quantitative methods for in vivo assessment of mucosal irrit	\$0
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI121685	Phage depolymerases as antibiotics	-\$36
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI121458	Generating a model system to elucidate in vivo functions of soluble IL-15 complexes	-\$930
2017	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$0
2017	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI126215	Hematin crystallization in Plasmodium parasites	\$0
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117121	Role of host cell invasion in Mycoplasma genitalium persistent infection	\$0

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2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121545	Bacteriophage to treat UTI caused by multidrug-resistant P. aeruginosa	-\$6,053
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI119617	Improvement of genetic analysis in the pathogenic zygomycete Mucor circinelloides	-\$65
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123753	The splicing factor SF3b1 is a master regulator of the innate immune response to Mycobacterium tuberculosis	-\$395
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	-\$5,747
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123679	Consequences of Transstadial Transmission on Tick-borne Virus Genetic Diversity	-\$795
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	-\$3,575
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI124172	Rab7 and NF-kappaB in B cell activation and dysregulation	\$0
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123965	Defining the molecular mechanisms of MacAB in protection of Salmonella from oxidative stress	-\$1,079
2017	TEXAS A & M UNIVERSITY	TX	R21AI132125	Meiosis In Cryptococcal Infection	-\$1
2017	CARTERRA INC	UT	R43AI132075	High-throughput, multiplexed characterization and modeling of antibody:antigen binding, with application to HSV	\$0
2017	UNIVERSITY OF UTAH	UT	R21AI123035	CRISPR/Cas9 technology toward understanding HIV latency in primary cells	\$0
2017	CARTERRA INC	UT	R44AI127039	Improving vaccine development through high-throughput immunogenicity screening.	\$0
2017	UNIVERSITY OF UTAH	UT	R21AI124823	Discovery and Characterization of Latency-Reversing Compounds	\$0
2017	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$0
2017	NAVIGEN INC	UT	R44AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$0
2017	CURZA GLOBAL LLC	UT	R43AI124821	Natural product-inspired antibacterials with unique ribosomal binding	-\$4,981
2017	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	K22AI114299	Replication cost to HIV-1 after escape from broadly neutralizing antibodies	\$0
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI123964	Secretin Architecture	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	-\$170,637
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	-\$1,138
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI121853	Improving the reference genome assembly for the dengue fever vector Aedes aegypti	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Elimination of HIV using HERV specific T cells	-\$486,888

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI109984	Immune pathology and bone marrow transplant in disorders of Mecp2 overexpression	-\$5,961
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	-\$25
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119471	Persistence in an intracellular pathogen Francisella tularensis	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	-\$22,491
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	-\$408
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI117597	Effect of maternal immune factors in shaping the infant gut microbiota	\$0
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI124673	Novel Paradigm of Innate Programming in Wound Repair	\$0
2017	VIRONGY L.L.C.	VA	R43AI124778	HIV REV-DEPENDENT REPORTER CELL FOR NEUTRALIZING ANTIBODY DISCOVERY	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	-\$202,745
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	-\$6,324
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	-\$67,751
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	-\$7,975
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI122014	Optimizing a novel approach to genetically manipulate obligate intracellular bact	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124622	Host-directed Therapeutics for Amebiasis	\$0
2017	ICBIOME, INC.	VA	R43AI131944	A cloud-based WGS platform for routine surveillance of plasmid-borne carbapenem resistance	\$0
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI127800	Regulation of T helper cell differentiation by integrated STAT and Ikaros zinc finger transcription factor mechanisms	-\$271
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	-\$14,052
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119881	Tackling Malaria Resistance with an Integrated Modeling/Experimental Approach	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K22AI116727	Identification of the non-proteolytic mechanism of NLRP1 activation	\$0

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2017	CHILDRENS SPECIALTY GROUP, PLLC	VA	R43AI131764	Development of Peptide Inhibitor of Complement to treat neonatal asphyxial brain damage	-\$7,832
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	-\$47
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	-\$80,186
2017	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI112009	Novel long-acting microbicide and contraceptive intrauterine system	-\$954
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI123840	Modeling Staphylococcus aureus antagonism in pediatric nasal communities	\$0
2017	UNIVERSITY OF VERMONT	VT	R21AI121528	Integration and epigenetic regulation of the HHV-6 genome	-\$2,721
2017	UNIVERSITY OF VERMONT	VT	R21AI107298	Structure and Ligand(s) for Human Synovial TCR-Gamma/Delta	-\$229
2017	UNIVERSITY OF VERMONT	VT	R21AI119979	Metabolic Regulation of Caspases and Survival in T Cells	\$0
2017	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	-\$376,002
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI127249	Germline-targeting anti-idiotypic antibodies as novel HIV-1 immunogens	-\$8,639
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI125025	Effects of HIV infection on resident memory T cells	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	-\$4,138
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI103858	Base J and transcription termination in Leishmania	\$288,570
2017	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$0
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	\$0
2017	PAI LIFE SCIENCES INC	WA	R43AI127053	Development of an Innovative, Effective RNA-based Vaccine for Chikungunya Virus	-\$22,102
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	-\$42,587
2017	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI121829	A new essential protein kinase in Mycobacterium tuberculosis	-\$8,615
2017	WASHINGTON STATE UNIVERSITY	WA	R03AI122059	ROLE OF HSV gK IN EPITHELIAL CELL ENTRY	-\$64
2017	UNIVERSITY OF WASHINGTON	WA	R01AI112002	Combination HIV prevention in drug-eluting fibers: designing for efficacy and use	-\$6,409

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2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI125136	Host Innate Immune Response as a Barrier to Cross-Species Retrovirus Transmission	-\$2,357
2017	UNIVERSITY OF WASHINGTON	WA	R21AI122867	Association between schistosomiasis and HIV-1 acquisition, transmission and disease progression in Africa	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124399	Usability and Feasibility of a Phone-based Decision Support Tool for Option B+	-\$1,162
2017	UNIVERSITY OF WASHINGTON	WA	R21AI125975	Point-of-care diagnosis of pulmonary TB from urine samples	-\$7,470
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI125907	Role of human cervical mucus plugs in ascending GBS infection	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124719	Point-of-care viral load testing to enable task shifting for chronic HIV care	\$0
2017	EVERGREEN STATE COLLEGE	WA	R13AI134064	22nd Evergreen International Phage Biology Meeting	\$0
2017	VIRTICI LLC	WA	R43AI134550	A Novel Tolerance-inducing Probiotic Platform	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	-\$90,122
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	-\$227,703
2017	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	-\$121,399
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	-\$658
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	-\$236,927
2017	UNIVERSITY OF WASHINGTON	WA	R21AI114918	Chlamydia pneumoniae persistence in the blood vessel	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133369	A systems genetics approach to determine factors regulating Plasmodium falciparum sporozoite infectivity	-\$38,635
2017	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	-\$288,570
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	-\$85,611
2017	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$0
2017	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	-\$18,827
2017	UNIVERSITY OF WASHINGTON	WA	R01AI111738	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$0
2017	KINETA INC	WA	R44AI115824	Development of novel isoflavone drugs as broad spectrum antivirals	\$0
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI124735	Role of Dock8 in EAE	\$0
2017	PAI LIFE SCIENCES INC	WA	R41AI134271	CruziScreen, a recombinant antigen-based screening test for Chagas disease	\$0

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2017	UNIVERSITY OF WASHINGTON	WA	R56AI048683	Salmonella pathogenicity island 2 effector proteins	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	-\$209,461
2017	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI128992	Development of an Innovative, Effective, RNA-based Vaccine for Zika Virus	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI117519	In vivo inactivation of latent HSV by endonuclease-mediated mutagenesis	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R56AI126602	Help and suppression in liver tolerance	\$0
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI122898	RNaseq analyses in immunocompromised and immune competent mice infected with the AIDS pathogen Cryptosporidium	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R13AI134409	2017 Conference on Cell and Gene Therapy for HIV CURE	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R33AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$2,803
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	-\$249
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$0
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI121552	Bacteriophage to prevent infection by antibiotic-resistant enterococci	-\$1,030
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123289	Sexual development of Toxoplasma in feline intestinal organoids and cell culture	-\$108
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI131454	Zika virus evolutionary dynamics in host adaptation	-\$78,507
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	-\$32,663
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI112920	Leptospira interrogans Interactions with Endothelial Cells	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121544	Impact of nocturnal questing of Ixodes scapularis on disease risk and ecology	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121704	Microbial-ecology guided discovery of non-traditional therapeutics that limit resistance	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123719	Evaluation of a novel mosquito repellent isolated from bacteria	\$0
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI118495	Alloimmunization as a novel prophylactic vaccine for AIDS viruses	\$0
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI125879	A new genetic approach to identify the Idd9.3 type 1 diabetes susceptibility gene	-\$1
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI118326	Regenerative Capacity of Anti-Viral Memory CD8 T cells	\$0

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2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	-\$16,303
2017	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI134062	18th International Congress of Mucosal Immunology (ICMI 2017)	\$7,000
2016	SOUTHAMPTON UNIVERSITY		R33AI102239	Targeting matrix metalloproteinases to limit immunopathology in airborne infectio	-\$58,476
2016	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	-\$54,233
2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	-\$2
2016	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$0
2016	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	-\$312,262
2016	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	\$0
2016	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$0
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	-\$5,521
2016	ASOCIACION CIVIL SELVA AMAZONICA		P50AI098574	Soil-Transmitted Helminthiasis (STH) and Deworming	\$0
2016	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$0
2016	FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2016	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$0
2016	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	-\$156,573
2016	UNIVERSITY OF QUEENSLAND		R33AI098731	Discovery of Polymyxin-based Antibacterial Agents Active Against Multi-Drug Resis	-\$25,293
2016	FDN INSTITUT DE RECERCA DE L'HOSP UNIV VALL D'HEBRON		R21AI118411	Characterization of in vivo resting CD4 T cells expressing HIV RNA in ART-treated individuals	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI113559	Analysis of the macrophage membrane proteome: effects of viral infection	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	-\$41,342
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	-\$2
2016	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	-\$1

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2016	ARIZONA STATE UNIVERSITY	AZ	R21AI119697	Targeting Peyer's Patches To Improve Salmonella Typhi Vaccine Immunogenicity	\$0
2016	UNIVERSITY OF ARIZONA	AZ	R03AI119430	Role of herpes simplex virus polymerase DNA repair activity in viral replication	\$0
2016	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$0
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$402,411
2016	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	-\$8,013
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103299	Bartonella: dissecting niche-specific adaptation in a human pathogen	-\$1
2016	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R33AI098658	Combination Therapy using an Innovative Bioadhesive Polymeric Transmucosal Delive	-\$757
2016	MAPP BIOPHARMACEUTICAL INC	CA	R44AI081392	An SEB Immunoprotectant	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U24AI117966	BioCADDIE: Biomedical and healthCAre Data Discovery and Indexing Engine center	-\$737,729
2016	CEDARS-SINAI MEDICAL CENTER	CA	F32AI118360	Commensal Fungi in Asthma	-\$224
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI119459	Gold Compounds for the Topical Treatment of Trichomoniasis	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119927	A novel thymic implant strategy to induce T cell reconstitution and immune tolerance for patients with complete DiGeorge Syndrome	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116121	Asthma, anxiety and GR abnormalities in non-human primates	-\$5,473
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI117345	The mechanism and biological consequence of ROS chemotaxis	-\$2,188
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI117879	Mother-child genetic contributions to autoimmunity	-\$1
2016	STANFORD UNIVERSITY	CA	R21AI119893	Transcription factor control of Entamoeba development	\$0
2016	DIAVACS, INC.	CA	R43AI124783	Antisense-Loaded Microsphere Therapy for Autoimmune Diseases	-\$38,358
2016	OMVAX, INC.	CA	R41AI124759	A universal vaccine for the prevention of meningococcal meningitis in Africa	-\$35,144
2016	ARISAN THERAPEUTICS INC	CA	R41AI127055	Ultrasensitive Point-of-Care Diagnostics of Viral Biomarkers and Infectious Diseases	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	-\$131,725
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$0
2016	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	-\$173
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$0

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2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	-\$433,430
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115701	Inferring physico-chemical constraints at individual sites in protein evolution	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109677	Leptin and mTOR: metabolic partners in autoimmunity	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116129	EPIGENETIC PROGRAMMING OF INNATE IMMUNITY IN PEDIATRIC AIRWAY EPITHELIUM	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI113060	Synthetically engineering population control systems in vectors of human disease	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI115889	Technology Development of Multiplex Substrate Profiling by Mass Spectrometry for Kinases and Application to the HIV-1 Tat - P-TEFb Interaction	-\$446
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI115120	PLASMABLASTS, XENOBIOTICS AND LOSS OF TOLERANCE	-\$785
2016	CRYSTAL BIOSCIENCE INC	CA	R43AI122974	Novel avian CCR5 specific antibodies to block HIV transmission	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	-\$882
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI115348	Activity-Based Protein Profiling of Arenavirus-Host Interactions	\$0
2016	SYSTEM BIOSCIENCES LLC	CA	R43AI124782	This proposal is to develop engineered exosome CRISPR/saCas9 cargo to target HIV genomes and program exosome delivery to latently-infected cell types for HIV eradication.	-\$3,392
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$0
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119743	Mechanisms and role of actin-based motility in Burkholderia virulence	-\$14
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI112594	Protective antigens of Giardia lamblia	\$0
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI112573	A structural approach to the study of viral Immune interference mechanisms	-\$779
2016	AURITEC PHARMACEUTICALS INC	CA	R43AI124815	Preclinical development of a multipurpose intravaginal ring for the prevention of HIV and unintended pregnancy	\$0

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2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	-\$43,303
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI098488	Modeling Inflammation in HIV Transmission	-\$3,211
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	-\$85
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	-\$1
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI112262	Quantitative mapping of interactions between dengue virus and its hosts	-\$701
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115273	B12 Autotrophy as a Virulence Mechanism in Infectious Leptospira	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116295	The impact of TB co-infection on the reservoir of persistent HIV in vivo	-\$4,451
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI123082	Preclinical Development of MucoCept	-\$418
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$0
2016	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	-\$46
2016	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	-\$219,062
2016	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$0
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI103340	Stromal catalase deficiency as the causative factor in accelerated thymic atrophy	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI104916	Selective Inhibitors of Plasmodium Falciparum G6PD as Novel Antimalarials	\$0
2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112826	The role of the inflammasome in plasmacytoid dendritic cells during bacterial infection	-\$2,416
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120676	Discovery and characterization of innate immune pathways in placental trophoblasts	-\$908
2016	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI126927	A Rapid Paper Strip Nucleic Acid Test for the Detection of Chikungunya at the Point of Care	\$0
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$0
2016	PANORAMA RESEARCH, INC	CA	R44AI109982	Antibody-Membrane Switch (AMS) technology for optimized antibody engineering	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI120838	Utility of Deep Sequencing for Detecting Heteroresistant Mycobacterium tuberculosis Infections among HIV-infected Persons	\$0
2016	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI124779	Point-of-Care Rapid RNA test for HIV	\$0
2016	IMMPORT THERAPEUTICS INC	CA	R43AI124911	A NOVEL IMMUNO-PROTEOMIC APPROACH TO A GENITAL HERPES VACCINE	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI125078	Novel trimer platform on particles as HIV vaccine candidates	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$0

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105776	Newborn Screening for T-Cell Disorders: Spectrum and Outcomes	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120032	Understanding Molecular Pathways for Fetal T Cell Development and Function	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI102825	HIV Cure with CCR5 (-) Human IPS Hematopoietic Stem Cells	-\$1,944
2016	STANFORD UNIVERSITY	CA	F31AI118212	Research Career Development: Investigation of novel Staphylococcus aureus alpha-toxin targets at the cellular adherens junctions	-\$6,293
2016	SIXAL INC	CA	R44AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$0
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R33AI100229	Hybrid integrated molecular analysis (HIMAS) for point-of-care diagnostics	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI110902	LAT-HVEM Interactions Effect HSV-1 Latency/Reactivation	\$0
2016	SAN FRANCISCO STATE UNIV	CA	R21AI116297	HIV Risk Among Trans Partners of MSM	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R56AI120737	Short and long-term effects of infant microbiota on (RhCMV) SIV vaccine efficacy	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI121525	Viral Infections as Lupus Disease Modifiers	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	-\$76,896
2016	COLORADO STATE UNIVERSITY	CO	R21AI119670	Mycobacterium Tuberculosis Cell Wall Assembly	-\$4
2016	NATIONAL JEWISH HEALTH	CO	R21AI119932	Role of Formins in Islet Infiltration in Type 1 Diabetes	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	-\$7,878
2016	COLORADO STATE UNIVERSITY	CO	R33AI100228	Metabolic biomarkers and biosignatures for improved diagnosis of Lyme disease	-\$2
2016	NATIONAL JEWISH HEALTH	CO	R21AI119942	Role of Islet-Infiltrating Lymphocytes in Obesity	\$0
2016	COLORADO STATE UNIVERSITY	CO	R56AI110535	Factors governing immunopathology, persistence or clearance of New World hantaviruses	\$0
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	-\$2
2016	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	-\$70
2016	COLORADO STATE UNIVERSITY	CO	R21AI119567	Unraveling the Origin of Pyrazinamide's Synergy with other anti-TB Drugs	-\$20
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI115288	Identifying parasite reservoirs in areas approaching elimination	\$0
2016	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	-\$1,260
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI120458	Population heterogeneity in Mycobacterium tuberculosis	-\$9

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	INDEVR LLC	CO	R44AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$0
2016	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$0
2016	YALE UNIVERSITY	CT	R21AI119119	TESTING A NOVEL APPROACH TOWARD A MULTIVALENT CHIKUNGUNYA/DENGUE VACCINE	-\$2
2016	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	-\$11,719
2016	YALE UNIVERSITY	CT	R21AI120113	Bacterial effectors as probes to study (+) RNA virus-host cell biology	-\$209
2016	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	-\$63,082
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$0
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$0
2016	CONNECTICUT AGRICULTURAL EXPERIMENT STATION, THE	CT	K22AI099042	The role of autophagy in Aedes aegypti vector competence for dengue virus type 2	\$0
2016	LIFEPHARMS INC	CT	R44AI098708	Antifungal therapy against drug resistant fungal pathogens.	\$0
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI124234	Role of IRAK-4 in Rheumatoid Arthritis	-\$656
2016	L2DIAGNOSTICS, LLC	CT	R41AI118120	Therapeutic inhibition of P. aeruginosa nitrogen respiration in chronic infection	\$0
2016	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	-\$243
2016	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	-\$869
2016	L2DIAGNOSTICS, LLC	CT	R44AI085725	A serologic assay to measure successful Lyme borreliosis antibiotic therapy	\$0
2016	YALE UNIVERSITY	CT	R21AI112938	Probing the natural genomic diversity of Babesia microti	\$0
2016	YALE UNIVERSITY	CT	R33AI100191	A New Cytokine-Based Immunoassay for the Diagnosis of Lyme Disease	-\$37,567
2016	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	-\$49,863
2016	UNIVERSITY OF FLORIDA	FL	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	-\$2
2016	UNIVERSITY OF MIAMI	FL	R21AI119450	Chromosome-encoded T3S effectors of Yersinia pestis	-\$103
2016	FLORIDA STATE UNIVERSITY	FL	R21AI119530	Dissecting Dengue Virus Permissiveness using a Stem Cell Differentiation System	-\$349
2016	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112255	Physiologically-explicit epidemiology: linking size and energetics of snail hosts to human risk of schistosome infection	-\$10,325

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2016	UNIVERSITY OF FLORIDA	FL	R21AI119773	Spatio-Temporal Modeling for Surveillance Data of Multiple Pathogens	-\$41
2016	FLORIDA STATE UNIVERSITY	FL	R00AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	-\$1,619
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	-\$33,027
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	-\$2,425
2016	UNIVERSITY OF FLORIDA	FL	R21AI112382	Function of histone chaperones in HSV-1 chromatin structure during latency, establishing maintenance and reactivation	-\$65
2016	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI116063	Abscisic acid synthesis and role in dormancy of malaria	-\$7,944
2016	DISCIDIUM BIOSCIENCES, LLC	FL	R41AI124932	Simple, low cost assay for detection of HIV-1 antiretroviral resistance in resource-limited settings	-\$1,369
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$457,467
2016	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	\$180,596
2016	UNIVERSITY OF FLORIDA	FL	R21AI115218	The Leishmania parasitophorous vacuole proteome	-\$862
2016	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$0
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI117298	Natural Product-Inspired Novel Synthetic Antiplasmodial Scaffolds	\$0
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI119835	Development of nonhuman primate model of S. aureus nasal carriage	\$0
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI124682	Developmental switches regulating tissue cyst formation	-\$2,124
2016	UNIVERSITY OF FLORIDA	FL	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	-\$180
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI116186	In vivo vaccine-driven evolution in Bordetella pertussis	-\$77
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119196	Identification and Hit-to-Lead Development of Influenza A Virus Inhibitors	\$0
2016	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	-\$542
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI116361	Novel Preventive HIV Vaccines	\$0
2016	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$0
2016	EMORY UNIVERSITY	GA	R33AI102197	NOX1 and NOX2 as Therapeutic Targets in Influenza	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	-\$129
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$0

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2016	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F31AI120636	Annotation and Comparative Genomic Analysis of Cryptosporidium baileyi	-\$3,848
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119903	KPT-335 as novel therapeutic for respiratory syncytial virus	-\$2,023
2016	EMORY UNIVERSITY	GA	R21AI112768	Population Dynamics of S. pneumoniae vaccine serotypes on human pharyngeal cells	\$0
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	F31AI120487	Function of IRF8 in MDSC and T Cell Differentiation	-\$6,701
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$0
2016	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119787	Lead Optimization of Bis-benzimidazole Analogs for Pathogenic Free-living Amoebae	-\$1,254
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097599	The link between dimorphism and virulence in Cryptococcus	-\$65
2016	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106307	Mechanism of Paramyxovirus Replication	-\$3,117
2016	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	-\$1
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI103140	The antifilarial activity of ivermectin and diethylcarbamazine	-\$4,032
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119879	Rethinking the barrier: How a Gram-negative bacterium alters its surface to become multidrug resistant	\$0
2016	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	-\$4,847
2016	EMORY UNIVERSITY	GA	R21AI113485	Identifying host genetic determinants that regulate dendritic cell activation	\$0
2016	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI118017	Cross-Protective Multivalent Vaccine for Tick-Borne Flaviviruses	\$0
2016	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign-body infections	\$0
2016	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	-\$125,321
2016	DES MOINES UNIVERSITY	IA	R15AI117474	Macrophage polarization by C1q and related molecules	\$0
2016	UNIVERSITY OF IDAHO	ID	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	-\$1,571
2016	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$0

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2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI110047	Determining the role of dialog between pathogenic streptococci in biofilm develop	-\$215
2016	SOUTHERN ILLINOIS UNIVERSITY, SCHOOL OF MEDICINE	IL	K22AI110413	Characterization of a novel quorum quenching protein produced by S aureus	-\$886
2016	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	-\$3
2016	UNIVERSITY OF CHICAGO	IL	R21AI117593	Unexpected parallels between SaPI replication initiators and conserved SCC ORFs	-\$1,838
2016	UNIVERSITY OF CHICAGO	IL	R21AI118998	Public health targeting of PrEP at HIV positives' bridging networks	\$0
2016	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	-\$2,223
2016	NORTHWESTERN UNIVERSITY	IL	R13AI122959	HIV Research for Prevention 2016: Vaccine, Microbicide and ARV-based Prevention Science (HIV R4P)	-\$430,924
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$0
2016	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	-\$68,385
2016	UNIVERSITY OF CHICAGO	IL	R21AI118509	TRIM protein-mediated innate immune control of KSHV infection	-\$3
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112755	Role of TBK1 in HSV persistency	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	-\$1,561
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$0
2016	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	-\$63
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI105664	Bacillus-containing vacuole-mediated interactions of Bacillus anthracis with macrophages	-\$921
2016	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$2,957
2016	UNIVERSITY OF CHICAGO	IL	R00AI106941	Recognition of cross-reactive antigens by human CD4+ T cells	\$0
2016	UNIVERSITY OF NOTRE DAME	IN	F31AI115851	Discovery of a New Class of Antibacterials that Inhibits Penicillin-Binding Proteins	-\$8,000
2016	PURDUE UNIVERSITY	IN	F32AI106149	Structural investigations of the alphaviral lifecycle	-\$7,587
2016	Medosome Biotech, LLC	IN	R41AI122735	Development of Optimized AAV Serotype Vectors for Human Gene Therapy	-\$19,241
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI110773	FOXP3 Regulates RNA Alternative Splicing in Tregs	\$0
2016	TECHSHOT INC	IN	R44AI096572	Electrical System for Rapidly Detecting Viable Bacteria in Blood Culture	\$0
2016	PURDUE UNIVERSITY	IN	R21AI119479	Polysaccharide-based endotoxin antagonist for the treatment of sepsis	-\$26

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2016	PURDUE UNIVERSITY	IN	R01AI095366	Rapid Generation of Vaccine Candidates Against Novel Wuhan Coronavirus (SARS-CoV-2) Using the Bacteriophage T4 Nanoparticle Platform	\$0
2016	PURDUE UNIVERSITY	IN	K22AI113078	The role of BamA in the biogenesis of beta-barrel membrane proteins	\$0
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI112803	Study of Human Bocavirus Gene Expression for Development of a Parvoviral Vector	-\$67
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124235	Role of STAT3 Signaling in GC B Cell Regulation	-\$10,361
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	-\$2,991
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$0
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI111058	Selection of the Determinants of Plasmodium Sporozoite Infectivity and Motility	\$0
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI112447	SIV antisense epitopes as novel markers of latency	-\$1,858
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	-\$12
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI119104	Molecular evolution of Peptide antibiotics for drug-resistant Gram negative bacteria	-\$1,510
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	-\$142
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R56AI125542	The Role of STa in ETEC Pathogenesis	-\$17,942
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R03AI111138	Identification of Transmission blocking epitopes on P. vivax 48/45 protein	\$0
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	-\$92,881
2016	Louisiana State University System	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$0
2016	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	-\$214,723
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI112359	Longitudinal analysis of antibody responses to HIV-1:mapping function to genotype	\$0
2016	MICROBIOTIX, INC	MA	R43AI120375	Antibiotic potentiators maximizing the formation of open-channel OprF-type outer membrane porins	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113439	Novel mechanisms of pathogenesis in idiopathic vaginitis	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R34AI124826	Planning for the Metformin for TB/HIV Host-directed Therapy (METHOD) Trial	\$0
2016	VIVONICS INC	MA	R43AI118114	iMedPAL: Improving Medical Prescription Adherence by Leveraging Mobile Technology	\$0

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2016	Trustees Of Boston University	MA	R56AI119491	Predictive modeling of the Mycobacterium tuberculosis regulatory and metabolic networks	-\$18
2016	Trustees Of Boston University	MA	R56AI122763	Macrophage protection in pneumococcal pneumonia	-\$1,533
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R34AI125058	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	-\$973
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$0
2016	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	-\$270,125
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$0
2016	IMMUNETICS, INC	MA	R44AI098567	Rapid Test for Recent HIV Infection	\$34,744
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	-\$40,480
2016	TUFTS UNIVERSITY	MA	R21AI110826	Developing a novel strategy to uncover vaccine targets in bacterial pathogens	\$0
2016	HELIXBIND INC	MA	R44AI109913	A Culture-Free Platform for Rapid Fungal Pathogen Identification	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	-\$32,512
2016	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115023	The role of proteolysis in bacterial biofilm formation	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI120723	Role of the GI microbiome in immune responses to oral SIV-DNA+SIV-polio Vaccine	-\$945
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	-\$2,275
2016	TUFTS UNIVERSITY	MA	R21AI111317	Role of carbon availability in environmental adaptation by Borrelia burgdorferi	\$0
2016	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	-\$383
2016	MICROBIOTIX, INC	MA	R44AI098271	Novel Spectinamide Antibiotics for the Treatment of MDR/XDR Tuberculosis	\$0
2016	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	-\$872
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119481	Inactivation of ambient viruses using Engineered Water Nanostructures	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI122947	Defining and matching epitope presentation in HIV infection and vaccination	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	-\$12,500

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2016	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$0
2016	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	-\$1
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	-\$12,494
2016	Trustees Of Boston University	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$0
2016	MICROBIOTIX, INC	MA	R41AI120437	GPCR antagonists as anti-Ebola virus entry inhibitors	-\$394
2016	IMMUNETICS, INC	MA	R44AI100471	Immunoassay for diagnosis of Babesia infection	-\$539,901
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI112991	Staphylococcus Aureus Carriage and the Nasal Microbiome	-\$3,802
2016	UNIVERSITY OF MASSACHUSETTS	MA	R56AI114809	Role of F Protein Conformation in RSV Vaccine Efficacy	-\$287
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$0
2016	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	-\$2
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	-\$38,821
2016	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	-\$1
2016	Trustees Of Boston University	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	-\$353
2016	IMMUNETICS, INC	MA	R44AI091291	Rapid point of care test for Lyme serodiagnosis based on novel ultra sensitive de	\$0
2016	ALDATU BIOSCIENCES	MA	R44AI118441	A Rapid, Cost-Effective HIV Drug Resistance Diagnostic for Resource-Limited Settings	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113937	Microfluidic tools for probing neutrophil reversed migration	-\$33,861
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI125109	Viral and Immune Determinants of HIV Rebound	-\$4
2016	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	-\$3
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120850	Gut microbiome evolution among HIV-exposed uninfected infants in Botswana	\$0
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	-\$79,093
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	-\$1
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI113989	Exploring Anopheles micro RNAs for malaria control	-\$85
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119580	Identifying genes essential for Legionella persistence and transmission	\$0
2016	REVERAGEN BIOPHARMA INC	MD	R41AI122780	Effectiveness of VBP15, a dissociative steroidal analogue, on chronic inflammation in a mouse model of multiple sclerosis	\$0

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2016	OTOMAGNETICS LLC	MD	R43AI115850	Topical Middle Ear Drug Delivery without Tympanic Membrane Puncture	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI110028	The POA-RpsA interaction in trans-translation inhibition in M. tuberculosis	-\$21
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI109338	Engineering Herpesviruses using Synthetic Genomics	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	-\$55,826
2016	SANARIA INC	MD	R44AI088853	Cryopreservation of Anopheles Embryos	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI113475	Diagnosis of Strongyloides stercoralis by detection of DNA fragments in urine	-\$61
2016	PROFECTUS BIOSCIENCES INC	MD	R44AI114319	An HIV Vaccine Strategy Based on Priming with rVSV Expressing FLSC	-\$2
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI114507	Validation of RelA as a Target for Mycobacterium Tuberculosis Persisters	-\$909
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	-\$2,921
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	-\$384
2016	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$0
2016	RAKTA THERAPEUTICS, INC.	MD	R41AI113998	Selective inhibitors of Heme Transporters as Antiparasitic Agents	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21HD085859	Neutralization of the Latent HIV Reservoir in Perinatal Infection	-\$5,281
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI124765	Structure-guided redesign of monoclonal antibodies targeting conserved filovirus epitopes	-\$3,123
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI115016	Functional genomics using auxin-inducible deletion analyses (AIDA)	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI117168	vIRF-1 regulation of mitophagy in HHV-8 biology	\$0
2016	PROFECTUS BIOSCIENCES INC	MD	R43AI122371	DNA Prime / Subunit Boost Multi-Antigen Universal Influenza Vaccine	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI122631	Role of Semaphorin 4A in Allergic Inflammation	-\$15,603
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	-\$144,952
2016	CELLEX INC	MD	R43AI122464	A RAPID ASSAY FOR DETECTION OF DETECTION OF CARBAPENEMASE PRODUCING ORGANISMS	\$0
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111072	LAMPoles for Dengue Diagnosis	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI110324	HIV Incidence, Transmission Dynamics and Combination HIV Prevention: Rakai Uganda	-\$80

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2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119547	The Role of ARNO-Arf6 signaling in barrier stability and chronic rhinosinusitis	-\$5
2016	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	-\$1,170,282
2016	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R03AI117272	Microwave-Accelerated Metal Enhanced Fluorescence (MAMEF) of CT and GC	-\$218
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI112209	Characterization of peptidoglycan from the human pathogen Chlamydia trachomatis	-\$3,419
2016	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	-\$3,626
2016	Regents of the University of Michigan	MI	R21AI117561	Enhancing resistance to enteric pathogens	\$0
2016	Regents of the University of Michigan	MI	R21AI120815	Effects of lymphoid tissue stromal cells on cell-to-cell HIV-1 spread	\$0
2016	Regents of the University of Michigan	MI	R21AI120599	Host and Microbial Biomarkers Related to the Development of Complicated Clostridium difficile Infection	-\$15
2016	Regents of the University of Michigan	MI	R56AI097150	Household Studies of Influenza and Other Respiratory Viruses	-\$541
2016	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	-\$94,673
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	-\$15,276
2016	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	-\$31,563
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI111192	Disease dynamics of campylobacteriosis in the ferret model	\$0
2016	Regents of the University of Michigan	MI	R21AI119463	Oral Microbiota and Influenza Infection	\$0
2016	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	-\$27,275
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI120601	Pathway for functional characterization of hypothetical genes and non-coding RNAs of Enterococcus faecalis	\$0
2016	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	-\$47
2016	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$21,104
2016	MAYO CLINIC	MN	R01AI096967	Immuno-evasive Mucosal Vaccines Against HIV-1	-\$11,654
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI113406	Developing methods to engineer therapeutic proteases	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	-\$1
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI117173	Dynamics of Anaplasma phagocytophilum infection through tick development	\$0
2016	MAYO CLINIC	MN	R21AI119612	Targeting macrophage Bcl6 to enhance innate resistance to influenza	\$0
2016	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	-\$9,680

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2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R03AI109334	Micro-evolution of Arthritogenic Mycoplasma hominis in a Single Patient	-\$43,713
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$0
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112725	A cyclic di-GMP signaling system of spores of Bacillus anthracis	\$0
2016	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	-\$90
2016	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI117808	Galectins in Bti tolerance and resistance in the mosquito Aedes aegypti	\$0
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI119634	IL-1 Immunopathology of Brucellosis	-\$9,151
2016	WASHINGTON UNIVERSITY	MO	F32AI112274	Mechanism of IFIT-Mediated Antiviral Effects	-\$43
2016	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$0
2016	WASHINGTON UNIVERSITY	MO	R21AI119928	DETECTION AND DISCOVERY OF VIRUSES IN PEDIATRIC ACUTE LIVER FAILURE	\$0
2016	WASHINGTON UNIVERSITY	MO	R21AI119917	NOVEL NEMATODE MODELS FOR VIRAL INFECTION	-\$1
2016	SAINT LOUIS UNIVERSITY	MO	R03AI115321	Frequency and pattern of resistance mutations to novel inhibitors of HSV-1	\$0
2016	WASHINGTON UNIVERSITY	MO	R21AI120673	SYNTHESIS OF CATIONIC STEROID COMPOUNDS FOR DETECTION OF BACTERIAL INFECTIONS	\$0
2016	PROMILIAD BIOPHARMA INC	MT	R41AI118104	Novel antibacterial agents derived from natural products	\$0
2016	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$0
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	-\$6,536
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	-\$3,165
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	-\$608
2016	Duke University	NC	R01AI118182	Supramolecular nanofiber vaccines	-\$3,976
2016	AGILE SCIENCES INC	NC	R44AI092952	Development of novel anti-biofilm compounds for treating chronic wounds	-\$12,827
2016	EAST CAROLINA UNIVERSITY	NC	R21AI113014	Discovery and characterization of novel flagellar proteins in Borrelia burgdorferi	-\$743
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	-\$431,372
2016	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	-\$27,101
2016	Duke University	NC	R03AI111300	RICKETTSIAL INFECTIONS IN MALAYSIA	-\$1,276

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2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	-\$36,224
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	-\$11,119
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113201	Endothelial Cell Uptake of Infected Erythrocytes in Cerebral Malaria	\$0
2016	Duke University	NC	R01AI068804	Host Susceptibility to S. aureus	\$0
2016	AGILE SCIENCES INC	NC	R41AI115915	Small Molecule Antibiotic Potentiators for Drug-Resistant Bacteria	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115205	Effectiveness and Safety of Tdap Immunization in Pregnancy	\$0
2016	Duke University	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	-\$1
2016	Duke University	NC	F31AI110072	Investigating the Type II Secretion System of Chlamydia trachomatis	-\$890
2016	Duke University	NC	R56AI122877	Quinolizidines as Novel HIV-1 Entry Inhibitors	-\$16
2016	AGILE SCIENCES INC	NC	R44AI120250	Small molecules as antibiotic potentiating agents against multi-drug resistant Gram-negative infections	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI102252	Celecoxib Derivative: Host Cell-Directed Inhibitors of Intracellular Pathogens	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI044667	Biological Properties of HIV-1 V3 Evolutionary Variants	-\$4,021
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI114415	Transmitted/Founder SHIV macaque model	-\$1
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$0
2016	DARTMOUTH COLLEGE	NH	R01AI025096	Genetic Determinants of Virulence in Vibrio cholerae	-\$2
2016	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	-\$26,207
2016	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	-\$46,934
2016	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117127	Novel Notch Pathways Govern HHV-8 Reactivation	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI124691	Genesis of Defective Effector Lymphocytes in the Helminth-Coinfected Host	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI118619	Targeted delivery of Cas9/gRNA directed to HIV latent/persistent cells	\$0

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2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in <i>Candida glabrata</i>	-\$26,636
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI119619	Impact of Iron Supplementation on the Latency and Reactivation of Tuberculosis	\$0
2016	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	-\$5,778
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI114706	VLP-based Vaccines for Targeting <i>Staphylococcus aureus</i> Secreted Virulence Factors	-\$3
2016	AGILVAX, INC	NM	R43AI127057	Development of a VLP-based RSV Vaccine Targeting Pre-fusion F-Protein	-\$44,450
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI116772	Control of allergic airway inflammation	-\$812
2016	UNIVERSITY OF NEVADA-RENO	NV	R21AI117491	Risk of CFS Due to IgG Receptor Genes that Impair ADCC	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	-\$68,809
2016	HEALTH RESEARCH, INC.	NY	R03AI117312	Use of whole genome sequencing for tuberculosis diagnostics	-\$4,047
2016	RENSSELAER POLYTECHNIC INSTITUTE	NY	R21AI119428	Non-Invasive Local Diagnosis of Surgical Infections	-\$7,754
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI110812	Engineering and targeting novel antigen-specific tolerogenic interfaces	-\$48
2016	HEALTH RESEARCH, INC.	NY	R01AI063499	cAMP signaling pathways within <i>Mycobacterium tuberculosis</i>	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI126714	Identification and characterization of a novel mammalian histidine phosphatase that negatively regulates CD4 T cells	\$0
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	F32AI116263	Mechanism of lentiviral inhibition by Mx2	-\$6,006
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of <i>P. falciparum</i>	-\$243
2016	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	-\$5
2016	HEALTH RESEARCH, INC.	NY	R01AI097191	A Community <i>Mycobacterial</i> Systems Resource	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	-\$4,274
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	-\$1,123
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI112423	High throughput screening for inhibitors of HIV virological synapses	-\$494
2016	HEALTH RESEARCH, INC.	NY	R03AI119647	Mechanisms of IgA-mediated immunity to <i>Salmonella</i>	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R21AI118616	Targeting Inhibitory T cell Receptors for PcP Therapy	\$0

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2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI114161	Innate immunity to Dengue Virus vaccine candidates in human ex vivo model systems	-\$220
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F32AI122715	LILRB as a homeostatic regulator of human macrophage classical activation	-\$646
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI097333	Cytokine regulation of anti-helminth immunity	-\$1,954
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	-\$29
2016	BREONICS INC	NY	R44AI081372	The Potential to Immunocloak Renal Allografts	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	-\$387
2016	UNIVERSITY OF ROCHESTER	NY	K08AI108870	CD8 T Cell Dysregulation in Premature Infants	\$0
2016	ROCKEFELLER UNIVERSITY	NY	F31AI118555	Cellular and molecular dissection of HIV-1 latency in vivo	-\$12,844
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI113514	An Adjuvant-Independent Dual-Targeted (Multi-Function) Mucosal Vaccine Platform	\$0
2016	SUNY, BINGHAMTON	NY	R21AI119726	Role of SagS signaling and regulatory events in biofilm formation and tolerance	\$0
2016	ROCKEFELLER UNIVERSITY	NY	F32AI124479	Antibiotics Around Us: Improving metagenome mining for the discovery of novel natural products from microbial communities.	-\$3,900
2016	New York Blood Center, Inc.	NY	R56AI118936	Functional interplay between Brugia and its Wolbachia symbiont	\$0
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R56AI125693	Novel Anti-HCMV Strategies	-\$23,297
2016	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	-\$15,594
2016	ROCKEFELLER UNIVERSITY	NY	F32AI110029	Selective Enrichment of Environmental DNA for Antibiotic Producing Gene Clusters	-\$57,502
2016	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R21AI117695	Targeting factor B to prevent transplant rejection	-\$2,211
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI113801	Mucosal Delivery of RSV Neutralizing Antibody and Antigens	-\$1,043
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$0
2016	SUNY, STONY BROOK	NY	F31AI118220	Regulation of caspase-1 activation by IQGAP1 during bacterial infection	-\$5,864
2016	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	-\$20,819
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110071	Chemokine regulation of inflammatory monocytes during West Nile virus infection	-\$150
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R33AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	-\$166,094
2016	UNIVERSITY OF ROCHESTER	NY	R21AI115527	New tools for studying M. abscessus pathogenesis	\$0

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2016	SUNY, STONY BROOK	NY	R56AI119854	Novel Hantavirus Virulence Determinants	-\$1,184
2016	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$3,717
2016	UNIVERSITY OF CINCINNATI	OH	R21AI116389	Revealing networks targeted by HSV-1 ncRNAs with in vivo gain-of-function studies	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI114508	Molecular Epidemiology of Carbapenem-Resistant Klebsiella pneumoniae	-\$135,745
2016	UNIVERSITY OF CINCINNATI	OH	R56AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	-\$26,321
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	-\$1
2016	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$0
2016	GUILD ASSOCIATES INC	OH	R33AI100164	Bioluminescent reporter phage for the diagnostic detection of shigellosis	-\$127,763
2016	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$0
2016	OHIO STATE UNIVERSITY	OH	R21AI117122	Histoplasma mannoprotein discovery and virulence role of O-linked mannosylation	-\$9,159
2016	UNIVERSITY OF CINCINNATI	OH	R03AI117587	An innovative treatment for Pneumocystis pneumonia	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	-\$38,028
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI114831	Receptors of Rotavirus	-\$660
2016	IMMUNO-MYCOLOGICS INC	OK	R44AI096945	Lateral Flow Assay for Diagnosis of Histoplasmosis	\$0
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI118787	Functional Interaction Between T-cell and B-cell Immune Pathways in Neuro- inflammatory Disorders	-\$66
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$0
2016	TOMEGAVAX, INC.	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$0
2016	STONESTABLE, INC.	OR	R41AI126940	Stabilization of Influenza Vaccine by Silica-Coating	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	-\$2,618
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	-\$1
2016	DESIGNMEDIX INC	OR	R42AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI113074	The MmpL11 interactome	-\$226
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	-\$65,613

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2016	OREGON STATE UNIVERSITY	OR	R01AI109134	A new genetic mechanism in snails that controls transmission of schistosomes	\$0
2016	TOMEGAVAX, INC.	OR	R43AI126963	A Cytomegalovirus Vecteded Chagas Disease Therapeutic Vaccine	\$0
2016	NAJIT TECHNOLOGIES INC	OR	R41AI122462	Development of a novel platform to enhance intracellular bioavailability of antisense morpholino oligomers	\$0
2016	TOMEGAVAX INC	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$0
2016	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	-\$865
2016	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	-\$228
2016	Evrys Bio, LLC	PA	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$0
2016	WINDTREE THERAPEUTICS INC	PA	R44AI102308	KL4 Surfactant to Mitigate Radiation-Induced Lung Injury	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI114920	Control of coronavirus pathogenesis by antagonism of RNase L	-\$328
2016	THOMAS JEFFERSON UNIVERSITY	PA	R21AI113819	Exploiting an artificial APC to induce different T cell subsets	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	-\$18
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	-\$59,094
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	-\$434
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$0
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI113609	Quantifying insecticide impact on malaria transmission: does resistance matter?	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116317	Epigenetic Control of Plasma Cell Differentiation	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	UH2AI122295	Rational Design of Combination Regimens Targeting Both Host and Pathogen	-\$1,304
2016	PROGENRA INC	PA	R43AI126950	Novel ubiquitin protease inhibitor for treating asthma	\$0
2016	WISTAR INSTITUTE	PA	R56AI024541	Regulatory T cell diversity in recognition of influenza virus HA	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$0
2016	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	-\$966
2016	UNIVERSITY OF PENNSYLVANIA	PA	R56AI125415	Calcium Regulation of NF-kB Activation in Lymphocytes	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	-\$3,462
2016	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI115759	Development of Small Molecule Therapeutics Against Smallpox and Other Poxviruses	\$0

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2016	UNIVERSITY OF PITTSBURGH	PA	R21AI114264	Pre-clinical evaluation of an adenoviral-based MERS-CoV vaccine	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115688	Role of beta-arrestin-2 on IgE-mediated cofilin dephosphorylation and mast cell activation	-\$1,089
2016	Evrys Bio, LLC	PA	R44AI122488	SIRTUIN AGONISTS AS PAN INFLUENZA ANTIVIRALS	\$0
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI071043	Perinatal Thymic Innate Lymphocytes, Skin-homing, and Cutaneous Immune Homeostasis	\$0
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI117331	Development of a novel live attenuated vaccine for eastern equine encephalitis virus	\$0
2016	UNIVERSITY OF RHODE ISLAND	RI	R21AI113479	NK cell regulation of immune responses to dengue	\$0
2016	BROWN UNIVERSITY	RI	R21AI116309	Acceptability of PrEP for HIV Prevention among HIV-positive and HIV-negative Adolescents	-\$6
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI115056	Interplay between cellular bioenergetics and vaccinia virus infection	-\$3
2016	CLEMSON UNIVERSITY	SC	R21AI108287	Translational Control of Encystation in the Entamoebae	\$0
2016	NUBAD LLC	SC	R43AI118110	Development of Aminoglycoside-Nucleic Acid Conjugates for Inactivation of an Antibiotic Resistance-Confering Aminoglycoside Sensing Riboswitch	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	-\$12,327
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI119796	Expansion of spectrum of activity of pleuromutilin for MDR Gram-negative bacteria	\$0
2016	IMMUNO TECHNOLOGIES, INC.	TN	R44AI096551	Lab on a chip point of care assay for the rapid serodiagnosis of Lyme disease	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	K25AI100946	Bacterial Virulence Factors	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	-\$179
2016	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R03AI112861	Development of high-throughput methods to screen antimicrobial peptoids	-\$359
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI119596	Effect of mosquito larval infection on adult life history traits	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI119224	High Throughput Identification of Treg Activating Molecules	\$0
2016	IQUITY LABS, INC.	TN	R43AI124766	Long non-coding RNA signatures to classify multiple sclerosis	-\$76
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	-\$7,618
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107380	Population Genetic Structure of Ixodes scapularis and disease transmission	-\$10,508

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117445	Development of Safer,Live Attenuated Rift Valley Fever Vaccines	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI125545	Sympathetic neural control of T cell function	-\$337
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI124769	HIV-1-Specific CTL Exhaustion at Immune Synapse	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	-\$17,593
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	-\$2,607
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115286	Hijacking of cellular pathways by novel tick-borne phlebovirus	\$0
2016	RICE UNIVERSITY	TX	K22AI110552	Mechanisms of Stimulating Innate Immunity	-\$228
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115175	The genetics of behavioral resistance in Anopheles gambiae (M)	-\$1,598
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	-\$236
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI114762	Enhancement of protective efficacy of Coccidioides vaccines by adjuvants	-\$15,501
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117299	Evolution of the Morphology-Virulence Relationship in Candida Species	\$0
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI118756	Newly Identified mechanisms of Ceftaroline Resistance in MRSA Clinical Strains	-\$11,964
2016	BAYLOR COLLEGE OF MEDICINE	TX	R56AI124788	Shaping Natural Killer repertoires and HIV responsiveness via antigen exposure	-\$12,785
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	-\$1,400
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$0
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F32AI114182	Structure-function analyses of bacterial Type IV secretion system subassemblies	-\$7,320
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI119821	Collagen binding as a virulence mechanism in Lyme borreliosis	-\$467
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI119572	CRASP-mediated Serum Resistance by Borrelia burgdorferi	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	-\$57,955
2016	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI107415	Design of Point of Care Device for the Rapid Diagnosis of Pertussis	-\$2
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115231	Riboregulation in Pathogenic Rickettsiae	-\$82

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109904	A high throughput discovery platform captures mosquito-specific toxins	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113128	Development of a Tick Transmission Model for Heartland Virus Pathogenesis	-\$4,821
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI118228	Targeted-delivery of small interference RNA against anthrax (1 R21 AI118228-01A1)	-\$56,792
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI117220	Clostridium difficile Immunity: Role of IGA and GALT	\$145
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115225	A novel field-applicable molecular test for visceral leishmaniasis	-\$3,333
2016	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI120257	T-regs mediated immune responses in LTBI HIV positive individuals	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115362	Signal Transduction Pathways for Flagellar Gene Expression in Polar Flagellates	\$0
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI114424	Recombinant Papillomavirus-based HIV Vaccine Targeting Genital Mucosa	\$0
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI120696	Improved Zinc Finger Nuclease Delivery for HIV Gene Therapy	-\$3
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI113508	The Twort-like bacteriophages of Staphylococcus aureus: paradigm phages for novel therapeutics	-\$4,910
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI115082	Novel broad spectrum inhibitors of filovirus infection	-\$129
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	-\$29,744
2016	GLYCOMIRA LLC	UT	R43AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$0
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	-\$2,143
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI117626	Adipokines in Pulmonary Viral Infection	\$0
2016	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	-\$24,184
2016	GEORGE MASON UNIVERSITY	VA	R21AI117425	Microparticles for Directing Immune Cell Trafficking	-\$61
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	-\$1,143
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Elimination of HIV using HERV specific T cells	-\$132,222
2016	GATACA LLC	VA	R43AI122785	Development of a tool for the whole genome de novo assembly of hepatitis B virus (HBV) populations	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	-\$1,011
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$0
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	\$0
2016	JERICO SCIENCES LLC	VA	R43AI120841	Standardizable Whole Blood Culture for Evaluating HIV Eradication Strategies	\$0

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2016	HAMPTON UNIVERSITY	VA	R33AI102223	Host Vascular Mechanism for Therapeutic Protection against Select Pathogens	\$0
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI115012	Determining the molecular mechanism of anthelmintic resistance in hookworms	-\$18
2016	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$0
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI117200	Tetracycline resistance: the Achilles' heel of antibiotic resistance?	\$0
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	-\$1
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114923	Elucidating the function of a novel antibacterial amidase in Ixodes scapularis	-\$31,792
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	-\$114,879
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	-\$21,652
2016	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$0
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111181	Parallel Microscopic Determination of Fitness (PMDF) to Assess Growth and Viability of Mycobacterium tuberculosis	-\$6
2016	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$0
2016	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$295,498
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	-\$3
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119258	Mucosally-delivered HA stem binding antiviral for influenza	-\$2,803
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	-\$26,269
2016	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	-\$350,085
2016	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	-\$59
2016	LUCIGEN CORP	WI	R33AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	-\$32,857
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI117413	Evolution of Chikungunya Virus in Wolbachia Infected mosquitoes	-\$563

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2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	-\$143
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$0
2016	THE MORGRIDGE INSTITUTE FOR RESEARCH INC	WI	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI116007	Understanding the impact of human NKT cells on hematopoiesis	-\$151
2016	VERSITI WISCONSIN, INC.	WI	R56AI122655	Mechanisms of a novel regulatory B cell subset	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	-\$40,930
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	-\$397
2016	LUCIGEN CORP	WI	R43AI124889	Rapid and Simple Device for Point-of-Care Molecular Detection of Arboviruses	\$0
2015	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	-\$296,128
2015	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$0
2015	ALABAMA STATE UNIVERSITY	AL	R21AI111159	Mechanisms and protective efficacy of nanovaccines against Chlamydia trachomatis	-\$35,708
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI105038	Structural and Functional Studies on the Platelet Adherence Protein A of Streptoc	\$0
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI112028	Proteomic analysis of S aureus biofilm in vivo	-\$28
2015	UNIVERSITY OF ARIZONA	AZ	R15AI113457	Role of interleukin-36gamma in genital HSV-2 pathogenesis	\$0
2015	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	-\$503
2015	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI118464	B-1 B cell responses to oligomannosyl antigens of HIV-1	\$0
2015	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	-\$17
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	-\$85,981
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116230	Effective lethal agents for CCR5+ expressing cells	\$0
2015	VITALEX BIOSCIENCES, LLC	CA	R41AI115907	Rapid Diagnostics for Mucormycosis	-\$1
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI110863	Temporal profiling of the functional phosphoproteome in M. tuberculosis infected	\$0
2015	AMPLYX PHARMACEUTICALS INC	CA	R44AI096844	A Combination Therapy Approach to Treating Drug Resistant Fungal Infections	\$0
2015	MONOGRAM BIOSCIENCES INC	CA	R21AI114437	Quantitative Viral Outgrowth Assays with Improved Throughput and Performance	-\$22,485

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2015	WAVE 80 BIOSCIENCES INC	CA	R43AI108062	Rapid No-Spin Chlamydia RNA Extraction via Filtering, Lysis and Monolith Binding	-\$17,970
2015	STANFORD UNIVERSITY	CA	F31AI118469	Defining the Natural Killer Cell Response to HIV	-\$10,462
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109005	Controlling Drug Resistant Gonorrhea with Real-Time PCR Susceptibility Testing	\$3,079
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105340	A recombinant virus approach for gamma herpesvirus oncogenesis	-\$316
2015	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	-\$225
2015	NATIONAL JEWISH HEALTH	CO	R21AI109219	Lipid Ligands of SPLUNC1 Proteins	-\$9,944
2015	L2DIAGNOSTICS, LLC	CT	R44AI096598	Diagnostic Assays for early Lyme Borreliosis using in-vivo expressed antigens	\$0
2015	WESLEYAN UNIVERSITY	CT	R15AI119907	Inhibition of HeptosyltransferaseI for the treatment of Gram-negative bacterial infection	\$0
2015	YALE UNIVERSITY	CT	F31AI114245	Rodent Population Dynamics and Leptospirosis Infection in Urban Slum Environments	-\$165
2015	YALE UNIVERSITY	CT	F32AI114132	The essential role of gamma-secretase in human papillomavirus infection	-\$845
2015	YALE UNIVERSITY	CT	F31AI116322	Human PrimPol: A Novel Mechanism of Antiviral Toxicity	-\$8,520
2015	YALE UNIVERSITY	CT	F31AI120486	Mechanism of endosomal membrane penetration by Human Papillomavirus 16	-\$11,112
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	-\$5,696
2015	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	-\$180,596
2015	FLORIDA INTERNATIONAL UNIVERSITY	FL	R15AI111210	Decoding P. aeruginosa RIP cascade and discovering its inhibitors as therapeutics	\$0
2015	FLORIDA ATLANTIC UNIVERSITY	FL	R15AI120882	Inhibition of HIV-1 replication by delivery of the SRSF1 RNA Recognition Motifs	-\$8
2015	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	-\$176
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	-\$457,467
2015	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	-\$277,424
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$0
2015	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	-\$2,957
2015	UNIVERSITY OF CHICAGO	IL	R01AI118182	Supramolecular nanofiber vaccines	\$3,976
2015	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	-\$177,155
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	-\$2,573

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2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	-\$1
2015	UNIVERSITY OF NOTRE DAME	IN	R56AI110721	Drivers of population plasticity in Aedes aegypti dengue virus vector competence	-\$19
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	-\$1,894
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	-\$81,683
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	\$0
2015	TUFTS UNIVERSITY	MA	R21AI111011	Inhibiting tegumental carbonic anhydrase as a novel treatment for schistosomiasis	-\$341
2015	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$2
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI104170	Investigating the role of inflammasome activation in the control of T. gondii	-\$1,466
2015	TUFTS UNIVERSITY	MA	F31AI108217	Forward Genetic Analysis of type I interferon responses to cytosolic nucleotides	-\$159
2015	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R15AI112985	Mathematical modeling from metagenomics - minimizing risk of enteric infections	-\$5,960
2015	BOSTON MEDICAL CENTER	MA	R56AI040944	Neisserial porins and antigen presenting cells	-\$926
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	-\$298,484
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$12,500
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$0
2015	WELLESLEY COLLEGE	MA	R15AI079685	Characterization and Design of Histone-Derived Antimicrobial Peptides	\$0
2015	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	-\$303,137
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI110787	Multigenerational lineage heterogeneity and metabolic plasticity of CD8 T cells	-\$2
2015	Trustees Of Boston University	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$0
2015	Trustees Of Boston University	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Fever	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	-\$1,896
2015	IMMUNETICS, INC	MA	R21AI111297	Characterization of Innate Binding Specificities of Peptidoglycan Binding Protein	\$0
2015	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$0

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2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109388	Herpesvirus Deubiquitylase: Virion Substrates and Autocatalytic Activity	-\$30,090
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	-\$81
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	-\$95
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	-\$841
2015	SCANOGEN INC	MD	R43AI109930	Twist-Sensor: Novel microarrays for multiplex detection of drug resistance	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109187	B Cell immunodeficiency in BENTA disease	\$0
2015	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI103599	Lipidated Mycobacterium tuberculosis biomarkers in clinical specimens	-\$6,980
2015	HENRY FORD HEALTH SYSTEM	MI	R56AI119041	microRNAs and NKT cell development and function	\$3,626
2015	GRAND VALLEY STATE UNIVERSITY	MI	R15AI082416	Biochemical and structural analysis of emerging resistance threats in Acinetobacter baumannii	-\$6,389
2015	CALVIN COLLEGE	MI	R15AI096991	Roles of endothelial cells in HIV infection and latency in resting CD4+ T cells	-\$12,836
2015	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	-\$8,918
2015	MACALESTER COLLEGE	MN	R15AI113620	Contributions of mast cells to intersections of allergy and pain pathways	\$0
2015	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	-\$34,943
2015	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	-\$220
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	-\$4,824
2015	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$0
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$0
2015	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$35,391
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$0
2015	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R43AI118527	A method for the determination of the percentage of CD4 T cells and CD4/CD8 ratio	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI119055	M. tuberculosis MazF toxins: target identification and stress adaptation	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$0

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2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$0
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	-\$3,879
2015	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	-\$96
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAde	-\$802
2015	HEALTH RESEARCH, INC.	NY	R01AI097191	A Community Mycobacterial Systems Resource	-\$223
2015	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	-\$488,022
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI120724	Microbial Discovery and Immunity in ME/CFS	-\$2,062
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI109410	A NEW HUMANIZED MOUSE MODEL OF CHRONIC HEPATITIS B	\$0
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F31AI114019	Regulation of Natural Killer Cells by TGF-beta	-\$1,433
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	-\$2,419
2015	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	\$90
2015	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI105751	Chronic Fatigue Syndrome, Immune Dysregulation, and Non-Hodgkin's Lymphoma	-\$14,907
2015	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R21AI113565	Maturation of adenovirus via a new type of biochemistry	\$24,569
2015	COLGATE UNIVERSITY	NY	R15AI094440	Mechanisms and Functional Consequences of Reovirus Innate Immune Activation	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110130	Revolutionizing virus-host interaction studies with non-canonical small RNAs	-\$2,203
2015	UNIVERSITY OF TOLEDO	OH	R15AI109573	Paralysis of Nematode Parasites	-\$10,253
2015	WRIGHT STATE UNIVERSITY	OH	R15AI090625	Isoform-specific Regulation of the Coxsackie and Adenovirus Receptor in Polarized Epithelia	-\$22
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	-\$11,232
2015	OHIO STATE UNIVERSITY	OH	R21AI105588	Mechanistic study of human placental infection by Listeria monocytogenes	-\$81
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI115178	Targeting mosquito FREP1 protein for malaria control	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	-\$1,810
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	-\$513
2015	SWARTHMORE COLLEGE	PA	R15AI117657	Conformational Studies of the Region of Influenza A M2 Protein Involved in Viral Budding	-\$180

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	-\$3,377
2015	VIRONIKA LLC	PA	R44AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$0
2015	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	-\$137
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R15AI111338	Antifungal activity of complement peptides in candidiasis	\$0
2015	CLEMSON UNIVERSITY	SC	R15AI119801	Mechanisms of Fluconazole-Induced Aneuploidy in Cryptococcus Neoformans	\$0
2015	EAST TENNESSEE STATE UNIVERSITY	TN	R56AI117730	Complement-mediated anti-pneumococcal functions of C-reactive protein	\$0
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI113490	JAK inhibition as a novel treatment for hemophagocytic lymphohistiocytosis	-\$11,188
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$12,556
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Secretion Effector Proteins in Coxiella burnetii	\$0
2015	LYNNTECH, INC	TX	R43AI113950	Antimicrobial Microbead Containing Topical Gel for Burn Wound Disinfection	-\$89
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	-\$111
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	-\$13,366
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	-\$30
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI116240	Host and Viral Factors in HIV Pathogenesis.	-\$628
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	-\$1,697
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	-\$22
2015	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$0
2015	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	-\$24,102
2015	COLLEGE OF WILLIAM & MARY	VA	R15AI119978	Role of immune progenitors in regulation of genetic resistance against bacterial pathogens	\$0
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109202	Staphylococcus aureus ribosomal protein processing, a potential new drug target	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI114203	The Role of IL-23 in the Pathogenesis of Clostridium difficile Infection	-\$4,384
2015	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	-\$295,498

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$0
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	-\$3,112
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI109222	Environmental Signals that regulate GBS virulence	-\$995
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$17,502
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$43,499
2015	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$612,544
2014	POMONA COLLEGE	CA	R15AI090606	The Regulatory Networks that Allow Vibrio cholerae to Survive Between Infections and Epidemics	-\$25,432
2014	UNIVERSITY OF SAN FRANCISCO	CA	R15AI111232	Modification of Host Chemokine Responses by Human Cytomegalovirus	-\$1,523
2014	SAN FRANCISCO STATE UNIV	CA	R15AI106466	Geospatial Research on HIV Treatment in San Francisco	-\$1,981
2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R15AI099897	OBSTRUCTING TOXIN'S PATHWAYS: UNIVERSAL INHIBITORS OF BINARY BACTERIAL TOXINS	\$0
2014	GEORGETOWN UNIVERSITY	DC	R15AI111328	The genetic basis of diapause in the Asian tiger mosquito, Aedes albopictus	\$0
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	-\$208,954
2014	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI113653	Design and Study of IspF Inhibitors as Antibacterial Agents	-\$3,404
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$0
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI109223	Structural Requirements for Broadly Protecting Antibodies to Influenza A & B	-\$420
2014	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	-\$30,440
2014	WESTERN NEW ENGLAND UNIVERSITY	MA	R15AI107668	Inhibitory effects of curcumin on Th2 sensitization and mast cell function in a m	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	-\$342,691
2014	IMMUNETICS, INC	MA	R21AI111297	Characterization of Innate Binding Specificities of Peptidoglycan Binding Protein	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	-\$254
2014	NEW MEXICO STATE UNIVERSITY	NM	R15AI113628	Mechanisms of competitive displacement by lineages of mosquito-borne dengue virus	\$0
2014	Trustees Of Columbia University In The City Of New York	NY	R01AI100044	A Combination Intervention Package for Isoniazid Preventive Therapy in Ethiopia	-\$7,772
2014	MIAMI UNIVERSITY	OH	R15AI073994	Mycoplasma penetrans tip structure and function	-\$888
2014	OHIO UNIVERSITY	OH	R15AI105749	Landscape genetics guide NTD interventions: Chagas disease in Ecuador and Peru	-\$31,401
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI107735	Paratransgenesis for malaria using Asaia sp. bacteria	\$0

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2014	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI109581	Genetics of trans-kingdom interactions between Candida and bacteria	-\$7,365
2014	SOUTHERN METHODIST UNIVERSITY	TX	R15AI109624	Bicyclic beta-Lactam Antibiotics as Poor Substrates for Metallo-beta-lactamases	\$0
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100037	Drug-resistance testing in Kenya to improve ART suppression of HIV replication	-\$3,481
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	-\$4,100
Issue Date FY: 2018 (Subtotal = \$3,361,541,188)					
2018	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$161,981
2018	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$1,084,670
2018	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$773,601
2018	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$135,000
2018	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	\$132,413
2018	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$175,000
2018	Universidade Eduardo Mondlane		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$144,938
2018	MAHIDOL UNIVERSITY		U01AI115520	Determinants of Outcome and Recurrent Infections in Melioidosis	\$408,903
2018	MU-JHU CARE LTD		R01AI118332	Bone Mineral Density in a Cohort of Young Women using Depo-provera and Tenofovir	\$217,512
2018	UNIVERSITY OF GHANA		R01AI123074	Impact of insecticide resistance on the behavior and fitness of malaria vectors	\$131,000
2018	FUNDACAO MANHICA		R01AI123050	Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MiPMoz)	\$134,609
2018	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116466	var gene regulation mechanisms in Malaria parasite Plasmodium falciparum	\$129,657
2018	INTERNATIONAL CENTER FOR DIARRHOEAL DISEASE RESEARCH		R01AI116471	TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT UROPATHOGENIC E. coli IN BANGLADESH	\$122,415
2018	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$621,027
2018	SIMON FRASER UNIVERSITY		R01AI134299	Synthetic bacterial analogs of mammalian oligomannose for eliciting neutralizing antibodies to the high-mannose patch on HIV Env	\$330,451
2018	GENOME RESEARCH LIMITED		R01AI137154	Large-scale systematic prioritization of Plasmodium vivax blood stage vaccine antigens	\$368,212

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	FEDERAL UNIVERSITY OF BAHIA		R01AI136862	Parasite polymorphism and host immune response in cutaneous leishmaniasis outcome	\$118,530
2018	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of <i>C. neoformans</i>	\$290,407
2018	FUDAN UNIVERSITY		R01AI129819	Influence of gut microbiota on vector competence of disease transmitting insects	\$150,563
2018	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,000,000
2018	DEPARTEMENT FORSCHUNG UNIVERSITATSSPITAL-BASEL		R01AI106923	The Role of microRNAs in autoimmune disease	\$254,255
2018	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,338,611
2018	INFECTIOUS DISEASE SOCIETY KOTA KINABALU SABAH		R01AI116472	Comparative incidence and clinical spectrum of Plasmodium knowlesi malaria, a longitudinal study in Sabah, Malaysia	\$136,728
2018	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		U19AI129916	Noguchi Institute Initiative for NTDs Elimination (NIINE)	\$560,238
2018	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI133673	Maximising Cure Potential in Paediatric HIV Infection	\$296,268
2018	BANARAS HINDU UNIVERSITY		U19AI074321	Visceral Leishmaniasis in Bihar State, India	\$557,693
2018	SIMON FRASER UNIVERSITY		R21AI127029	Genetics, dynamics and fitness of the HIV-1 latent reservoir	\$165,200
2018	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$1,693,877
2018	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2018	TATA INSTITUTE OF FUNDAMENTAL RESEARCH		R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$270,000
2018	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI110386	Host-Pathogen Interactions in a Failing Global lineage of MTBC: <i>M.africanum</i>	\$150,107
2018	WITS HEALTH CONSORTIUM		U01AI116086	CAPRISA HIV-1 neutralizing antibodies: Harnessing ontogeny for immunogen design	\$174,892
2018	WITS HEALTH CONSORTIUM		R01AI115979	Analysis of National Lab Database to evaluate the HIV treatment rollout in South Africa	\$302,631
2018	UNIVERSIDAD PERUANA CAYETANO		R01AI116470	Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)	\$135,000
2018	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	\$547,072
2018	UNIVERSIDAD PERUANA CAYETANO HEREDIA		U19AI129909	Improving Diagnostic and Management Tools for Neurocysticercosis (Peru-JHU TMRC Program)	\$565,811
2018	MAHIDOL UNIVERSITY		R21AI125042	Understanding secondary prevention along the HIV care continuum among HIV+ Thai YMSM	\$145,489

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2018	INDIAN INSTITUTE OF SCIENCE		R01AI118366	HIV-1 envelope structure, stability and dynamics probed by saturation mutagenesis	\$120,700
2018	FUNDACAO DE APOIO A PESQUISA E A EXTENSÃO DBA FAPEX		U01AI136032	Inflammation in the Pathogenesis of Disseminated Leishmaniasis	\$324,245
2018	WORLD HEALTH ORGANIZATION		U01AI139547	Accelerated public health and biomedical research on priority public health objectives through collaboration between US NIH and WHO	\$117,294
2018	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$1,741,539
2018	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICA E INMU		R01AI110340	IL-17RA-signaling cytokines in the regulation of CD8 T cell immunity to T. cruzi	\$133,640
2018	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$819,605
2018	MAXPLANCK INSTITUT FÜR IMMUNBIOLOGIE UND EPIGENETIK		R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$270,000
2018	WUHAN UNIVERSITY		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$103,410
2018	UNIVERSIDAD PERUANA CAYETANO		R01AI116456	Use of bisphosphonates to reduce the calcification process in animal models of cysticercosis	\$128,241
2018	UNIVERSITY OF TORONTO		R01AI120958	Targeting Hsp90 in cryptococcal fungal pathogenesis	\$796,231
2018	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI116811	Genome-based diagnostics for monitoring and evaluation of insecticide resistance in Anopheles gambiae	\$474,427
2018	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$133,248
2018	FIOTEC		R01AI129835	The role of Tregs and lipid mediators in the progression of Mycobacterium leprae infection to active disease	\$143,757
2018	RESEARCH INSTITUTE OF THE MCGILL UNIVERSITY HEALTH CTR		R01AI124349	Human genetics of TB resistance in HIV-infected persons	\$1,693,450
2018	Uganda Virus Research Institute		R01AI118368	IMMUNOLOGICAL AND VIRAL FACTORS ASSOCIATED WITH HIV-1 SUPERINFECTION	\$135,717
2018	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,090,498
2018	HOSPITAL FOR SICK CHILDREN, TORONTO		R33AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$298,682
2018	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$133,680
2018	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	\$133,412
2018	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI099628	Host vulnerability and parasite genetics in the development of cerebral malaria	\$119,068
2018	UNIVERSITY OF CAPE TOWN		R01AI116155	Pharmacometric optimization of second line drugs for MDR tuberculosis treatment	\$349,972
2018	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		U19AI129387	ICEMR-Mali : Multidisciplinary research for malaria control and prevention in West Africa	\$447,012

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2018	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		U19AI129910	Optimizing Surveillance and Treatment for Control of Cutaneous Leishmaniasis	\$566,695
2018	UNIVERSITY OF CAPE TOWN		U01AI115940	Inflammatory determinants of disease severity and treatment outcome in TB patients	\$296,865
2018	UNIVERSITY OF ALBERTA		R01AI118842	Role of CD22 in the Germinal Center Reaction	\$270,000
2018	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R01AI136870	The effect of Strongyloides stercoralis on HTLV-1 disease progression	\$135,000
2018	UNIVERSIDAD AUTONOMA DE MADRID		R21AI140930	Tailored induction of HIV-1 specific immunity through engineered dendritic cell vaccines	\$162,000
2018	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		R01AI138230	Role of CD4-CD8- DN T cells in Chagas Cardiomyopathy	\$135,000
2018	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI128765	Validation of Biomarkers of Pediatric TB and further development for use in diagnosis of childhood TB	\$1,000,208
2018	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI116453	Brucella survival strategy requires endoplasmic reticulum restructuring and interferes with innate immunity	\$142,180
2018	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,531,588
2018	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$539,972
2018	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2018	UNIVERSIDAD DEL NORTE		R01AI110385	Mechanism of Respiratory Syncytial Virus Entry in Normal Human Bronchial Epitheli	\$110,496
2018	STELLENBOSCH UNIVERSITY		R01AI116039	Altered immune-endocrine axis in type 2 diabetes and tuberculosis risk	\$340,941
2018	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI123070	HIGH-THROUGHPUT EPITOPE DISCOVERY: USE OF NEXT-GENERATION PEPTIDE CHIPS FOR FAST IDENTIFICATION AND FINE MAPPING OF DIAGNOSTIC AND PROGNOSTIC MARKERS FOR CHAGAS DISEASE	\$120,150
2018	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICA E INMU		R01AI116432	Antibody-secreting cells in the regulation of T cell response to Trypanosoma cruzi	\$133,960
2018	INSTITUT PASTEUR DE MADAGASCAR		R01AI129822	Investigating seasonal drivers of viral zoonoses from Madagascar fruit bats	\$134,967
2018	KINSHASA SCHOOL OF PUBLIC HEALTH		R01AI129812	A longitudinal epidemiological and epidemiological study of malaria and its vectors in the Kinshasa province	\$134,992
2018	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R21AI129507	Microbial interplay between ZIKA virus and the native microbiome in mosquitoes	\$135,000
2018	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$1,855,454
2018	UNIVERSITATSKLINIKUM ERLANGEN		R21AI136674	Global panel of non-human primate challenge viruses for standardized assessment of in vivo efficacy of HIV-1 Env antibodies	\$99,023

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2018	STELLENBOSCH UNIVERSITY		R01AI136836	Inhibitors of CoA biosynthesis as novel antitubercular and antistaphylococcal agents	\$140,377
2018	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI134204	Genetic characterization of the HIV-1 reservoir after Vacc-4x and romidepsin therapy	\$156,600
2018	SOUTHERN MEDICAL UNIVERSITY		R01AI136850	Impacts of Urbanization on Vector Biology and Transmission of Dengue in China	\$134,909
2018	FIOTEC		R21AI139777	Study on the persistence of Zika virus (ZIKV) in body fluids of patients with ZIKV infection in Brazil	\$173,502
2018	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$305,614
2018	UNIVERSITY HEALTH NETWORK		R01AI085043	Mechanisms of Viral Persistence	\$270,000
2018	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$1,037,231
2018	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$135,756
2018	UNIVERSITY OF CAPE TOWN		R01AI115981	Timing of establishment of the HIV latent reservoir in subtype C infected women	\$337,374
2018	UNIVERSIDADE FEDERAL DO ESPIRITO STO		R01AI116438	IGRA investigation in recently exposed contacts	\$147,800
2018	ROSS UNIVERSITY SCHOOL OF VETERINARY MEDICINE		R21AI128407	The role of African Green Monkeys in the epidemiology of Dengue and Chikungunya on St Kitts, West Indies	\$154,025
2018	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R03AI125001	Quantifying Spatial Representativeness and Uncertainty in Antenatal Care Sentinel Surveillance for HIV in Sub-Saharan Africa.	\$51,220
2018	FUNDACAO FACULDADE DE MEDICINA		U19AI098461	Sao Paulo-Minas Gerais Tropical Medicine Research Center for Chagas Disease Biomarker Discovery	\$481,257
2018	MONASH UNIVERSITY		R01AI132154	Targeting the Urgent Need for New Antibiotics against Gram-negative ?Superbugs?	\$793,759
2018	UNIVERSITY OF TORONTO		R01AI127375	Systematic Analysis of Morphogenesis, Commensalism, and Virulence in a Leading Human Fungal Pathogen	\$570,554
2018	UNIVERSITY OF COLOMBO		U01AI136033	Epidemiology and transmission of Leishmania donovani infections in Sri Lanka and Bhutan	\$465,140
2018	WITS HEALTH CONSORTIUM		U01AI136677	Immunoglobulin gene diversity in an African population and impact on antibody function in HIV infection	\$248,838
2018	WITS HEALTH CONSORTIUM		R01AI129708	Active Case Finding Testing and Linkage to Treatment and Improved Survival (ACTTIS) Study	\$527,752
2018	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R33AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$159,208
2018	FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN-NURNBERG		R21AI136674	Global panel of non-human primate challenge viruses for standardized assessment of in vivo efficacy of HIV-1 Env antibodies	\$0
2018	UNIVERSITY OF TORONTO		R21AI136571	Programmable electrochemical gene circuit sensors?for infectious disease detection	\$150,214

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2018	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$1,084,670
2018	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$748,992
2018	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$197,750
2018	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$1,764,076
2018	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$123,120
2018	CENTRO INTERNACIONAL DE VACUNAS		R01AI121237	Plasmodium vivax 48/45 gametocyte protein: functional characterization and vaccine potential assessment in preclinical studies	\$420,950
2018	UNIVERSITY OF ALBERTA		R21AI128598	Role of Siglec-10/G as a tumor suppressor in B-cells	\$108,000
2018	QUEEN'S UNIVERSITY KINGSTON		R33AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$365,441
2018	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI138546	Identification of the HIV Reservoir in Lymph Nodes Using Single Cell RNA-Seq	\$147,711
2018	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R21AI138074	Exploiting gnotobiotic systems to examine microbiota acquisition in mosquitoes and for microbiome transplantations	\$135,000
2018	INSTITUT PASTEUR DE TUNIS		G11AI138267	Strengthening administrative research capacities towards a better scientific competitiveness	\$85,968
2018	STATENS SERUM INSTITUTE		R01AI135721	A dual function TB subunit vaccine designed for non-interference with BCG and post-exposure activity	\$277,002
2018	UNIVERSITY OF ALASKA FAIRBANKS	AK	R01AI118888	Role of Structural Flexibility in the Selection of Immunodominant MHCII Epitopes	\$333,265
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$157,959
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$1,809,149
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$2,056,073
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$850,154
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116738	Transcription and replication in nonsegmented negative-strand RNA viruses	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K24AI125685	Midcareer Mentoring Award for Patient-Oriented Research in Chlamydia trachomatis Infection	\$131,265
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI123162	Intersection of polyomavirus infection and host cellular responses	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$2,429,398
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$441,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI130742	Analysis of Novel Molecular Mechanisms Regulating Expression of the Adaptor Protein HSH2 and Class-Switched Antibody Production	\$185,625
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F30AI140829	Impact of cross-reactive CD8 T cells on HIV-1 viral control and evolution	\$37,434
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,462,005
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of B cell differentiation by IFN γ induced transcription factors	\$214,452
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI108691	Emerging Antiviral Resistance in Congenital Cytomegalovirus Infection	\$178,312
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121364	HTS for copper-activated inhibitors against MRSA	\$680,458
2018	CNINE BIOSOLUTIONS	AL	R43AI132038	Inexpensive, sensitive and specific, point-of-care diagnostic for bacterial infections in the central nervous system	\$76,891
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI123432	Trafficking Mechanism of Gram-Positive Bacterial Moonlighting Proteins	\$222,750
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$2,340,468
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI108509	Randomized Controlled Trial of Treatment of Male Partners of Women with BV	\$541,451
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110480	Regulation of T-cell dependent B cell responses to influenza	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R61AI133679	Identification of drugs that induce terminal transcriptional silencing of latent HIV-1 infection	\$654,010
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$371,250
2018	BIODTECH INC	AL	R44AI114445	Endotoxin Neutralization as a Biomonitor for HIV Disease Progression	\$477,786
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI137799	Streptococcus pneumoniae capsule inhibitor	\$259,875
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$492,876
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121354	The necrosis-inducing toxin of Mycobacterium tuberculosis	\$474,163
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,624,063
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111940	Heme oxygenase-1 and the bioenergetic threshold of latent TB and HIV co-infection	\$335,520
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$1,499,409

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2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R61AI138280	METABOLIC REPROGRAMMING OF T CELL ENERGY METABOLISM IN TUBERCULOSIS AND HIV	\$522,518
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109680	Antiviral Drug Discovery and Development Center - Overall	\$7,112,904
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118867	Alphavirus nsP3 protein: roles of intrinsically disordered region in virus replication and pathogenesis	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	\$650,499
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134693	Strain Dependent Structure and Function of the Influenza NS1 Protein	\$371,250
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI134282	Immunologic Health in Aging PLWH	\$222,750
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$712,687
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI106957	Pathogenesis of Bacterial Vaginosis in Women Who Have Sex with Women	\$184,080
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$361,860
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI120619	HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment	\$770,664
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI133445	Dysbiotic Infections in Chronic Obstructive Pulmonary Disease	\$222,750
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI126850	Cytomegalovirus Infection Exacerbates Macrophage-driven Inflammation in Inflammatory Bowel Disease	\$368,660
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI138534	14th Biennial Congress of the Anaerobes Society of the Americas	\$6,000
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110553	Roles of FCRL Molecules in Innate Immunity	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI129705	Viral adaptation to CD4 T cell responses and the impact on HIV immunity	\$195,264
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI132977	Novel mechanism of cos phage size redirection by staphylococcal pathogenicity islands	\$185,625
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134023	B cell intrinsic interferon-beta regulates autoreactive B cell development	\$414,400
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI134027	Role of VpreB in immunoglobulin antigen binding site selection	\$222,750
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI139554	Translational control of gene expression in positive stranded RNA viruses	\$371,250
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI113007	STAT4 regulation of effector CD4 T cells and CNS inflammation	\$367,500

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2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$401,047
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$423,537
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118805	Vaccine potential of the proline-rich domain of pneumococcal surface protein A	\$367,500
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134648	Defining the biological relevance of HIV-1 adaptation to CD4 T cell responses	\$718,896
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI130232	Regulation of Tfh cell differentiation and humoral immunity	\$528,901
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI133159	Mechanistic role of ns2 protein in evasion of innate immune response by alphaviruses	\$629,763
2018	UNIVERSITY OF ALABAMA	AL	R15AI131159	Structure and Mechanism of Erythromycin Resistance Methyltransferases	\$432,112
2018	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134810	Hydrogen Sulfide and Tuberculosis Disease	\$611,929
2018	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI121345	Examining Mechanisms of Synergy between Asthma Exacerbations and RV Infection	\$193,320
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI133160	Leukocyte-platelet modulation of the systemic inflammatory response	\$186,250
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI139124	Mechanisms of memory CD4 T cell-mediated immune protection against Chlamydia	\$370,265
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI133103	Evaluating early host-pathogen interactions in pneumonic plague using an ex vivo human lung tissue platform	\$222,522
2018	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	UM1AI130781	Arkansas Center for Food Allergy Research (ArCOFAR)	\$235,000
2018	CYTOASTRA LLC	AR	R41AI138690	Multicolor Photoacoustic Malaria Detector	\$300,000
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$364,007
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI127931	Characterization of the Human Lung Response to Coxiella burnetii	\$182,637
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	K22AI132489	Mechanisms of Inflammasome Defense against Cytosol-invasive Bacteria	\$161,175
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI113766	Virulence gene regulation in Staphylococcus aureus	\$372,500
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI119380	Impact of Staphylococcus aureus in osteomyelitis and bone physiology	\$369,022
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	U01AI133561	The Protein C Pathway in Mitigation of Radiation-Induced Endothelial and Vascular Dysfunction	\$588,106
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI139797	Understanding the contribution of atypical B cell progenitors to the humoral response	\$224,875
2018	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI116653	Regulation and function of B cells during malaria infection- Resubmission	\$511,315
2018	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$415,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	ARIZONA STATE UNIVERSITY	AZ	K22AI123159	Molecular and Cellular Mechanisms of Herpes Simplex Transport and Egress Pathway in Neurons	\$107,073
2018	VITALANT	AZ	R01AI123376	Viral etiology of idiopathic chronic diarrhea in rhesus macaques	\$422,475
2018	UNIVERSITY OF ARIZONA	AZ	R56AI129420	Midgut mitochondrial function as a driver of resistance and fitness in mosquitoes	\$726,380
2018	UNIVERSITY OF ARIZONA	AZ	U19AI125357	Dysfunction of Innate Immunity in Asthma	\$1,396,673
2018	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$369,272
2018	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$106,530
2018	UNIVERSITY OF ARIZONA	AZ	F31AI131622	The Immunological Consequences of Mouse Cytomegalovirus on Adipose Tissue	\$38,124
2018	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI128536	Defining the Mechanisms of Recombination in Coccidioides	\$217,600
2018	UNIVERSITY OF ARIZONA	AZ	R21AI132910	PLURIPOTENT STEM CELL-BASED IMMUNOTHERAPIES	\$204,790
2018	ARIZONA STATE UNIVERSITY	AZ	R03AI133397	Differentiation of Mutant Virus Particles	\$72,639
2018	UNIVERSITY OF ARIZONA	AZ	R21AI139439	Mechanisms of epithelium-directed change of permissiveness for rhinoviral infection	\$230,250
2018	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$190,126
2018	UNIVERSITY OF ARIZONA	AZ	U01AI122275	Immuno-Genetic Basis for Human Disseminated Coccidioidomycosis	\$553,659
2018	UNIVERSITY OF ARIZONA	AZ	R21AI133765	Interactions between Environmental Microbiome, Maternal Immunity, Neonatal Epigenome and Respiratory Microbiome Development as Determinants of Asthma In Childhood	\$194,990
2018	ARIZONA STATE UNIVERSITY	AZ	R21AI130855	Biophysical Isolation and Concentration of Individual Salmonella Serotypes	\$195,037
2018	ARIZONA STATE UNIVERSITY	AZ	R03AI140977	Quantitative diagnosis of TB/HIV co-infection using pathogen-specific exosomes in blood	\$78,208
2018	UNIVERSITY OF ARIZONA	AZ	R21AI132353	Cationic Bolaamphiphiles (CAB) and Phosphorothioate Gappers as Antisense Therapy for C. difficile	\$196,507
2018	UNIVERSITY OF ARIZONA	AZ	R01AI132140	An Avirulent Arthroconidial Vaccine Candidate to Prevent Human Coccidioidomycosis	\$1,150,297
2018	UNIVERSITY OF ARIZONA	AZ	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$460,500
2018	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$413,287
2018	UNIVERSITY OF ARIZONA	AZ	R01AI135108	CC16 in Childhood and Resilience to Persistent Asthma into Adult Life	\$688,549
2018	UNIVERSITY OF ARIZONA	AZ	R01AI143191	Molecular Switch Regulating Human Cytomegalovirus Replicative and Latent States	\$557,538

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF ARIZONA	AZ	R33AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$359,161
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$386,250
2018	VITALANT	AZ	R01AI119056	Protective B-cell responses in chikungunya virus infection	\$559,024
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI138993	Point-of-care antimicrobial susceptibility testing based on simultaneous tracking of multi-phenotypic features of single bacterial cells	\$1,329,765
2018	UNIVERSITY OF ARIZONA	AZ	R21AI135935	Surfactant Protein A as a Novel Therapeutic for Asthma	\$191,875
2018	UNIVERSITY OF ARIZONA	AZ	R01AI129945	GLUCOSE AND AMINO ACID CATABOLISM IN PLASMA CELL BIOLOGY	\$473,507
2018	UNIVERSITY OF ARIZONA	AZ	R01AI108751	Mechanisms of L2-Mediated Membrane Translocation of the Papillomaviral Genome	\$334,438
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on Customized Nanotrap	\$387,896
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI117011	Tracking Evolution and Spread of Viral Genomes by Geospatial Observation Error	\$461,012
2018	ARIZONA STATE UNIVERSITY	AZ	R21AI126361	Multiplexed quantification of circulating peptidomic signatures for EBOLA early diagnosis	\$199,051
2018	ARIZONA STATE UNIVERSITY	AZ	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	\$488,961
2018	UNIVERSITY OF ARIZONA	AZ	R33AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$381,355
2018	UNIVERSITY OF ARIZONA	AZ	R56AI130044	Mechanisms of Rig-I-like receptor (RLR)-dependent regulation of humoral immunity	\$301,694
2018	UNIVERSITY OF ARIZONA	AZ	R01AI131598	CMV Control of Host Membrane Trafficking	\$395,556
2018	UNIVERSITY OF ARIZONA	AZ	R21AI140257	Development of PAR2 Antagonists for Control of Asthma	\$227,201
2018	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R21AI132840	Imaging Functionally Distinct Eosinophil Subtypes Within Tissue Biopsies Using Gene Expression Profiling and an In Situ Hybridization Approach based on a Concurrent Multiple RNA Targeting Strategy	\$260,500
2018	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$378,750
2018	La Jolla Institute For Immunology	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$442,500
2018	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$549,500
2018	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$397,844
2018	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$553,131
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$364,655
2018	La Jolla Institute For Immunology	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$540,000
2018	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$324,817

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2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$492,495
2018	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$816,195
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$418,743
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$632,795
2018	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$12,037,011
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$446,957
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$392,939
2018	MAPP BIOPHARMACEUTICAL INC	CA	R01AI111391	An Immunoprotectant for Argentine Hemorrhagic Fever	\$1,022,916
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI110713	Analyzing a novel mechanism of action of bacterial cAMP producing toxins	\$537,892
2018	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$2,676,775
2018	La Jolla Institute For Immunology	CA	U19AI109976	Genetic screens for key transcriptional regulators of antiviral T cell immunity	\$2,090,598
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI111435	An Integrated Tabletop Platform for Rapid Detection of XDR-TB in Clinical Samples	\$953,173
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$392,739
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113295	Identification of natural products targeting new pathways in bacteria	\$606,444
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114671	Next-generation 5-nitro heterocyclic antimicrobials against mucosal protists	\$623,681
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116368	Timing of ART and homeostasis of the persistent HIV reservoir in the adult	\$716,396
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01HD087046	Optimization of ERRg-specific ligands as in vivo Chemical Probes	\$398,400
2018	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$373,633
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI111661	Mitigating Resistance & Virulence in MRSA	\$393,685
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI124743	HIV latency reversal through novel, potent PKC modulators	\$641,213
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI119564	A Multidisciplinary Approach for the Treatment of Botulinum Intoxication	\$561,234
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI125222	Filling a Void of Research (FAVOR) Training for Transplant Surgeons	\$282,065
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131081	Mutagenic chain reaction-facilitated immunotherapy	\$651,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128728	TET2 in Host Defense Against Infection	\$184,162

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2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	\$175,924
2018	STANFORD UNIVERSITY	CA	R01AI115469	Accelerated dissociation of IgE receptor complexes	\$390,943
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$437,500
2018	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI125801	Regulation of Sexual Biofilm Development in Candida albicans	\$291,566
2018	STANFORD UNIVERSITY	CA	R37AI020459	Varicella-Zoster Virus: T Cell/Skin Tropisms & Immunity	\$395,473
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI130653	Distinct functions of Orai1 and Orai2 in naive and effector helper T cells	\$231,000
2018	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	\$692,753
2018	IGE THERAPEUTICS INC	CA	R44AI126680	Broadly neutralizing(BN) pan-IgE supersite vaccine for allergic asthma	\$813,544
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129685	Characterization of a New Anti-HIV Immune Protein	\$198,125
2018	STANFORD UNIVERSITY	CA	U01AI131302	Impact of HIV exposure, feeding status, and microbiome on immune ontogeny and vaccine responses in infants	\$423,056
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$467,914
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127850	Biological consequences of enzymatic inactivation of Pseudomonas pyocyanin	\$523,956
2018	CEDARS-SINAI MEDICAL CENTER	CA	R03AI130643	Neutrophil extracellular traps (NETs) in ventilator induced lung injury	\$87,500
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128723	Effects of Chlamydia Infection on Motile Cilia	\$193,125
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI130495	Function of bronchus-associated macrophages	\$194,996
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI134657	Group 2 innate lymphoid cells in tissue regeneration	\$183,868
2018	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI132034	Development of two simple and robust point-of-care assays for detection and therapy monitoring of hepatitis B in resource-limited settings	\$390,846
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI133507	Regulation of Treg activity by controlling FOXP3 expression	\$218,750
2018	CLICK DIAGNOSTICS, INC	CA	R44AI134565	Commercialization of low cost, disposable, point-of-care molecular diagnostic device for sexually transmitted infections	\$467,645
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI129846	Zika Virus Pathogenesis and Selective Autophagy Induction to Inhibit Virus Production	\$193,750
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI134037	Single cell enzymatic discovery and antibiotic targeting	\$174,269
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI127886	The Immunologic Impact of In Utero Malaria Exposure and Prenatal Chemoprevention	\$198,579
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI123998	Late developmental regulation in Chlamydia	\$449,858
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI128886	Systemic infections with non-typhoidal Salmonella	\$196,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	STANFORD UNIVERSITY	CA	R01AI132494	Role of nociceptive sensory neuron/mast cell interactions in cutaneous allergic inflammation	\$481,734
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI125842	Spatio-temporal data integration methods for infectious disease surveillance	\$718,887
2018	STANFORD UNIVERSITY	CA	R21AI127581	Parasite-specific proteasome inhibitors to combat multi-drug resistant malaria	\$215,097
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127219	Elucidating the mechanism of progesterone-induced permissivity in the upper female reproductive tract	\$396,250
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127505	Development of Gallinamide A-Inspired Agents for the Treatment of Chagas? Disease	\$227,593
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI130056	Mechanisms and Circumvention of Daptomycin Resistance in Streptococcus mitis	\$498,656
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$430,815
2018	ABREOS BIOSCIENCES INC	CA	R44AI138838	Personalized precision dosing of anti-TNF biologic therapies	\$298,851
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI135756	Culture-free next generation sequencing for rapid detection of drug-resistant tuberculosis	\$283,785
2018	LA JOLLA INFECTIOUS DISEASE INSTITUTE	CA	R21AI137877	Exploring a new mechanism for thrombocytopenia in experimental malaria	\$257,500
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI133182	Protecting Against Main Hemorrhagic Fever-Causing Arenaviruses With A Single Live-Attenuated Vaccine	\$241,875
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI137681	Identifying individuals at risk of progression to active tuberculosis	\$798,023
2018	MICROBEDX, INC.	CA	R43AI127015	UroLogic: Rapid, Near-to-Care Identification and Antimicrobial Susceptibility Testing of Microbes in Urine Specimens from Outpatients with Suspected Urinary Tract Infection	\$300,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI125497	Composition, structure, and mutational analysis of the Francisella Type VI Secretion System	\$625,231
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI130927	Mechanistic Approaches to Inhibition of Emerging DNA Viruses	\$255,500
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI135500	Endocannabinoid regulation of host-helminth interaction	\$233,125
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI135200	FUNCTIONAL GENOMICS AND MECHANISM OF BCL11B ACTION IN LYMPHOCYTE COMMITMENT	\$632,343
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI135851	Development of a broad spectrum therapeutic against New World hemorrhagic fevers	\$194,792
2018	STANFORD UNIVERSITY	CA	R01AI130123	Host determinants of adeno-associated virus entry and trafficking	\$392,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133394	Brain Penetrant Microtubule-Stabilizers to treat CNS-invasive parasitic diseases	\$232,500
2018	La Jolla Institute For Immunology	CA	R21AI140063	Vaginal Adaptive Immunity Against Zika Virus	\$270,000

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2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI136708	In vivo modelling of therapeutic strategies for prevention of HIV-related fibrosis and fatty liver disease in chronic treated HIV-1 infection	\$234,000
2018	IMMPORT THERAPEUTICS INC	CA	R43AI136196	Pan-HIV Incidence Assay Development	\$225,707
2018	CROSSLIFE TECHNOLOGIES INC.	CA	R44AI124779	Point-of-Care Rapid RNA test for HIV	\$999,743
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI136492	TLR Transporters in Lupus	\$387,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137471	Insect adaptive immunity	\$502,882
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI142743	RAPs-mediated post-transcriptional control in Apicomplexan parasites	\$588,320
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$446,874
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$687,808
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer's disease	\$412,500
2018	UNIVERSITY OF CALIFORNIA	CA	F30AI136309	EptB pseudogene formation as a novel mechanism of typhoidal Salmonella virulence	\$36,770
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120464	Epigenetic control of virulence in a fungal meningitis pathogen	\$385,128
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$411,840
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$448,026
2018	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$4,710,430
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$120,387
2018	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,212,982
2018	STANFORD UNIVERSITY	CA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$392,500
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretory Pathway	\$442,960
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$3,469,957
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$437,500
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$5,407,592
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$420,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$183,061
2018	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$838,928
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	MicroRNA-mediated control of immune responses and tolerance	\$370,145

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2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$461,402
2018	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R13AI133972	2017 Scientific Meeting of the International Leptospirosis Society	\$6,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI110181	Public Health Implications of HIV Transmission Networks	\$133,527
2018	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	\$580,275
2018	La Jolla Institute For Immunology	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$732,684
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$392,500
2018	La Jolla Institute For Immunology	CA	R01AI106298	DIFFERENTIATION AND ANTI-VIRAL PROTECTIVE AND PATHOGENIC ROLES OF CD4 CTL	\$442,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$845,402
2018	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$3,716,710
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$134,094
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114615	Coxsackieviral pancreatitis: autophagy, proteolysis, and inflammation	\$667,553
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI112445	Exacerbation of colitis by Enterobacteriaceae	\$392,500
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI117061	Integrated Comprehensive Droplet Digital Detection (IC 3D) system for rapid detection of bacteria and antimicrobial resistance	\$947,235
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI118432	Towards HIV eradication using a novel Tat inhibitor	\$450,960
2018	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$1,493,196
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI124236	GSDMB and mucosal allergic response	\$485,263
2018	STANFORD UNIVERSITY	CA	F30AI124589	Identifying Components of the Rhopty Protein Injection Machinery in Toxoplasma gondii	\$37,786
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI119019	Novel serologic assays of P. falciparum exposure for improved surveillance in control and elimination.	\$573,353
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118422	Perturbing the HIV Reservoir with Immune Stimulation	\$758,807
2018	AVIDBIOTICS CORPORATION	CA	R33AI121692	Title: Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs.	\$524,255
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI125704	Molecular mechanisms of botulinum neurotoxin neutralization	\$587,371
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$498,868

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2018	GENEFLUIDICS INC	CA	SB1AI088756	Near patient molecular diagnostics test for infections	\$1,000,000
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI117064	Consortium for drug-resistant Gram-negative pathogen detection	\$1,106,988
2018	STANFORD UNIVERSITY	CA	R01AI125197	Giant MagnetoResistive (GMR) Sensors for Measuring Influenza Vaccine	\$1,000,000
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$437,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI123873	Interaction of Influenza A virus NS1 protein with PABP1 and eIF4G	\$71,288
2018	BIOSYNESIS, INC.	CA	R43AI131710	Development of Novel Protease Activity-Based Diagnostics for the Rapid Identification of Candida Infections	\$295,791
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI117211	Transferrin Combination Therapy to Address Antimicrobial Resistance	\$689,976
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI131099	Role of Circular RNAs in Innate Immunity	\$0
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI127640	Exploiting interspecies/interkingdom communication for the discovery and development of novel natural products antifungal therapeutics	\$222,078
2018	EPIPHANY BIOSCIENCES INC	CA	R44AI129461	Improved Diagnosis of Kaposi's Sarcoma-Associated Herpesvirus Infection	\$1,000,000
2018	SCRIPPS RESEARCH INSTITUTE	CA	U01AI130842	PTPN22 R619W in NOD mice	\$843,504
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128214	Protein secretion in bacterial pathogens	\$396,250
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI130303	Visualizing epithelial network connectivity in thymus biology, aging, and regeneration	\$467,362
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI133243	Generation and characterization of IRF7 conditional knockout animals	\$70,930
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI133116	Neuro-immune mediated control of mucosal immunity	\$188,734
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI123360	Functional Analysis of Novel Components of the Toxoplasma Inner Membrane Complex	\$381,076
2018	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	SB1AI097120	Commercial Readiness for SAMBA HIV-1 Whole Blood Semi-Quantitative Test for Resource Limited Settings	\$986,095
2018	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI128560	Virulence Proteins of Pathogenic Leptospira Species	\$162,375
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI129868	Optimizing eCD4-Ig for eradication and a functional cure	\$941,073
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI129496	Role of autophagy for Zika virus lifecycle	\$206,250
2018	UNIVERSITY OF CALIFORNIA	CA	U01AI125956	Paneth Cell Secreted Effectors in Mucosal Innate Immunity	\$452,750
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI129206	SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF HIV-INFECTED CD4 T CELLS IN BLOOD AND LYMPHOID TISSUE USING PCR-ACTIVATED CELL SORTING	\$330,664

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133393	Exploring the proteasome as a new drug target to treat schistosomiasis	\$193,750
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI128912	Cytomegalovirus tropisms for oral cells:key to a vaccine to prevent maternal infection	\$493,101
2018	STANFORD UNIVERSITY	CA	R01AI125567	FUNCTIONAL ANALYSIS OF PATHOGENIC AND PROTECTIVE PEANUT ALLERGEN-SPECIFIC HUMAN ANTIBODIES	\$440,214
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128519	Mechanochemical regulation of macrophages by the extracellular matrix during wound healing	\$182,724
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI129534	Viral kinetics, immunity and transmission of ZIKV: an exploratory analysis in preparation for vaccine development	\$176,528
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118974	Subversion of membrane transport pathways by Legionella pneumophila	\$396,250
2018	UNIVERSITY OF CALIFORNIA	CA	P01AI131568	Role of reservoir composition and T cell immunity in HIV rebound kinetics	\$1,415,389
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123130	Biology of ?-linked glycosylceramides in the immune system	\$723,259
2018	STANFORD UNIVERSITY	CA	UM1AI130839	Evaluating the role of allergen dose and duration in the safety and efficacy of multi-allergen oral immunotherapy with Omalizumab	\$235,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,226,976
2018	La Jolla Institute For Immunology	CA	R21AI128609	Design and evaluation of HLA-A, -B, and -C binding peptides that disrupt inhibitory KIR/MHC interaction and activate NK cells	\$225,000
2018	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery withoutneed for reconstitution - Phase II	\$815,746
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI130060	MAB Passive Vaccination against Acinetobacter baumannii	\$718,766
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128465	Role of meteorin-like in the immune system	\$184,136
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI135034	Mentoring Patient Oriented Research in Allergic Eosinophilic Gastrointestinal Disorders	\$179,548
2018	C3 JIAN LLC	CA	R33AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$417,895
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137249	Defining the Role of Thymic Tolerance in the Pathogenesis of the COPA syndrome	\$468,013
2018	La Jolla Institute For Immunology	CA	R01AI137230	Host nutrients permit immune evasion of NKT cell anti-bacterial responses	\$615,389
2018	SANTA CLARA UNIVERSITY	CA	R15AI130816	Exploring genomic diversity in commensal Escherichia coli	\$410,925
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI129973	Role of proteasome activity in adaptive immunity	\$378,789
2018	IMPORT THERAPEUTICS INC	CA	R43AI136197	Discovery of Yellow Fever Virus-Specific Epitopes for Development of an Accurate Serodiagnostic Assay	\$299,564

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2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI138165	Ischemia / Reperfusion Injury Mediated TIM-3+CD4+ T Cell Exhaustion In Liver Transplant	\$194,480
2018	STANFORD UNIVERSITY	CA	U01AI140498	T Cell Reagent Research for Monitoring T Cell in Food Allergy	\$370,520
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136962	Understanding the Molecular Genetic Mechanisms of Asthma Risk Loci: IL33, IL1RL1, and GSDMB	\$551,981
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI124979	Microbiome and Mucosal Immune Interactions in the Pathogenesis of HIV-1 Transmission	\$154,148
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI136725	Molecular epidemiology of HIV and Neisseria gonorrhoeae in the context of drug resistance	\$138,852
2018	La Jolla Institute For Immunology	CA	R56AI137017	Regulation of Lung Inflammation by Protein Ubiquitination	\$450,000
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI137891	A Novel Droplet Digital PCR Method for Population-based Plasmodium falciparum hrp2 Deletion Diagnosis	\$193,125
2018	STANFORD UNIVERSITY	CA	R21AI139941	Biofilm Lithography: A newparadigm to optically control and study biofilm growth dynamics	\$235,500
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI134868	Improved protein-based meningococcal serogroup B vaccines	\$573,510
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI140461	High Precision Biochips of Membrane Mimics for Blood Biomarker Assessment	\$243,589
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI140065	Investigation of meal destination in Aedes aegypti	\$233,125
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI138188	Microbiome Dynamics from Commensal to Biofilm-Forming	\$220,509
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI136683	Anti-HIV effects by human Piwi proteins	\$385,000
2018	MAPP BIOPHARMACEUTICAL INC	CA	R44AI141282	Post-exposure immunotherapy for ricin exposure	\$298,015
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI139179	Mechanisms of varied sensitivity of P. falciparum field isolates to the antimalarial drug pipeline	\$755,690
2018	SCRIPPS RESEARCH INSTITUTE	CA	R56AI134418	Design and testing of germline-targeting and boosting immunogens to elicit 10E8-like broadly neutralizing antibodies against HIV	\$929,812
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI139234	Epitranscriptomic regulation of HBV gene expression	\$392,500
2018	SCRIPPS RESEARCH INSTITUTE	CA	F30AI136410	Targeted therapeutics against filoviral hemorrhagic fever	\$31,524
2018	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R43AI138882	Development of a simple and robust point-of-care test for detection of Hepatitis C RNA from finger prick whole blood in resource-limited settings	\$143,627
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI131971	The Prostate as a Reservoir for Residual Replication	\$235,563
2018	STANFORD UNIVERSITY	CA	R01AI137523	Repertoire studies of human antibodies to RSV and MPV F	\$644,250
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI138139	Hit-to-Lead Development of the Kalihinol Scaffold for Malaria Treatment	\$755,448
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI140866	Targeting Autophagy to Restore Anti-HIV T Cell Response	\$234,000

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2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$382,469
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$469,427
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5' noncoding region functions	\$431,165
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,368,288
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI122528	Regulation of Gammaherpesviral Late Gene Expression	\$368,032
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$508,720
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$358,507
2018	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$255,699
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$371,774
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$364,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,533,468
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structures of the Immunoglobulin Heavy Chain Locus	\$348,750
2018	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$996,606
2018	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$640,640
2018	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$381,182
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$728,559
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$2,000,794
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$424,658
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$485,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	Role of Hematopoietic System and Proteomics in HIV-Associated Cardiovascular Disease	\$181,528
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113248	Fine-Scale Recombination Rate Variation in Anopheles gambiae	\$367,105
2018	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$586,693
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$2,339,148
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI106874	The Microbiome Drives Masts Cell Recruitment in the Skin	\$387,500
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI109452	The Role of Thymic Homing Dendritic Cells in Oral Tolerance	\$350,000

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2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI110621	Analyzing the effects of type I interferons in the enterovirus-infected heart	\$675,205
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI118451	Reservoir depletion and anti-retroviral therapy for infant functional cure	\$920,348
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$391,595
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI110435	Phase IIa Clinical Trial of the Reprofiled Drug Auranofin for GI Protozoa	\$600,376
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI116493	Optimal Strategies for HIV Treatment and Prevention in Sub-Saharan Africa	\$598,511
2018	STANFORD UNIVERSITY	CA	R01AI118884	Role of Dendritic Cells in Mixed Chimerism and Tolerance	\$399,400
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI128836	Designing and optimizing candidate HIV vaccines and boosting protocols	\$962,348
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121393	Multidimensional Single Cell Analysis of the Germinal Center Reaction	\$602,275
2018	J DAVID GLADSTONE INSTITUTES	CA	F32AI127291	Reactivation of Innate Immune Response Pathways as Treatment for HIV Infection	\$63,034
2018	La Jolla Institute For Immunology	CA	T32AI125179	Training in Immunological Mechanisms	\$335,740
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$524,541
2018	SILVER LAKE RESEARCH CORPORATION	CA	R42AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$975,121
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$116,151
2018	MASIMO CORPORATION	CA	R01AI123115	MalariSense: Transdermal Bloodless and Reagent-Free Malaria Diagnostics	\$519,745
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI124319	Systems Immunobiology of Antibiotic-Persistent MRSA Infection	\$2,291,458
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129508	Fetal Zika virus infection: role of the human placenta	\$237,144
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123937	Developing reciprocal chromosomal translocations for wild population replacement in an important vector of human disease.	\$397,787
2018	STANFORD UNIVERSITY	CA	F31AI129359	Investigating a fluorogenic DMN-trehalose conjugate as a novel detection tool for Mycobacterium tuberculosis	\$44,524
2018	TOURO UNIVERSITY	CA	R21AI121749	Virus-DNA-Virus hybrid vaccines for the prevention of Influenza	\$234,375
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI118592	Childhood Tuberculosis Infection Among School-Age Children in Rural Uganda	\$194,386
2018	PHASE DIAGNOSTICS INC	CA	R44AI127060	Developing a highly sensitive, rapid, handheld vaginal swab test for the detection of Chlamydia trachomatis	\$1,000,000
2018	UNIVERSITY OF CALIFORNIA	CA	R00AI119401	Dissecting the drivers of avian influenza virus reassortment in the wild bird reservoir	\$243,804

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI130066	Antimicrobial resistant E. coli before and after California Senate bill 27 (ARES): a natural experiment	\$775,068
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128739	Exploiting multidrug resistance mechanisms to counter radiation toxicity	\$381,076
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI125350	Mechanisms of HBV-Induced Innate Immunity	\$387,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI133902	Remodeling of the Host Ubiquitin Landscape by Chlamydia trachomatis	\$59,038
2018	ISCA TECHNOLOGIES INC	CA	R44AI134144	Long Lasting Organic Semiochemical Formulation to Effectively Manage Blood Sucking Diptera	\$500,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132835	Coordinated dynamic regulation and function of IRF transcription factors	\$389,792
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI133452	Role of protein citrullination in innate immunity	\$262,500
2018	STANFORD UNIVERSITY	CA	F30AI120510	Disrupting IgE:FceR1a Interactions: Novel Therapies for Allergic Disease	\$38,405
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI124566	Endothelial invasion by yeast-phase Candida	\$476,183
2018	STANFORD UNIVERSITY	CA	R01AI130058	Strategies for tuberculosis control in prisons	\$640,923
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI133548	Imaging and Trafficking of Neurotropic Virus in Maternal/Fetal Nonhuman Primates	\$231,600
2018	MOLECULAR EXPRESS, INC	CA	R44AI115828	Development of a Vaccine for the Prevention of Pulmonary Aspergillosis	\$497,338
2018	La Jolla Institute For Immunology	CA	R01AI121426	Epigenome-wide association study of childhood asthma	\$760,089
2018	STANFORD UNIVERSITY	CA	R01AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$398,138
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128796	Maturation, Infectibility, and Trauma(MIT) Contributes to HIV Susceptibility in Adolescents	\$582,527
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI125615	Control of B cell development and effector functions by microRNA-142	\$425,000
2018	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$383,344
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI128556	Modulation of Lassa Virus vRNP Activity By Host Cell Factors	\$241,266
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127401	Structure and function of pathogenesis-associated bacterial structures by electron cryotomography	\$410,750
2018	LARIX BIOSCIENCE LLC	CA	R43AI136181	Novel therapy for atopic dermatitis	\$224,981
2018	La Jolla Institute For Immunology	CA	U19AI135731	LJI Epitope Validation Center: Characterization of epitope-specific T cells responding to food, fungal and inner city allergens	\$1,100,687
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135631	Optimization and Advanced Proof-of-Concept Studies of a Listeria-vectored Multi-Antigenic Vaccine against Tuberculosis	\$968,076
2018	STANFORD UNIVERSITY	CA	R21AI133240	Heparanase and Regulatory T cell Stability and Function	\$238,571

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2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137867	Role of chromosomal context in IgVκ locus novel enhancer effects on individual Vκ gene utilization, germline transcription, and long-range interactions within the Igκ locus	\$387,000
2018	MAPP BIOPHARMACEUTICAL INC	CA	R43AI136272	Development of highly potent human monoclonals for RSV immunoprophylaxis	\$300,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133189	Model systems to assess the role of viruses in the microbiome	\$198,629
2018	STANFORD UNIVERSITY	CA	F32AI133917	Phenotypic profiling of bacterial stress response networks: A transformative framework for characterizing and predicting antibiotic targets and interactions	\$59,038
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127867	The NFκB System in Dendritic Cells	\$451,816
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI141003	Targeting Non Viral Markers of HIV Persistence	\$702,932
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R03AI140991	A Proximity Labeling EM-Proteomics Approach for Tracking Early Events of HIV Infection	\$71,250
2018	SERPLUS TECHNOLOGY, LLC	CA	R41AI141068	Amelioration of rhinovirus induced asthma exacerbations by serpin B1	\$223,334
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI140281	Role of Lymphangiogenesis in the Initiation and Progression of Type 1 Diabetes	\$290,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136735	Elucidating the mechanism of macrophage death during infection with the AIDS-associated opportunistic pathogen Histoplasma capsulatum	\$548,186
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI140060	Using Genetics to Uncover Novel M. Tuberculosis-host Interactions that Contribute to Virulence	\$235,500
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134714	Immune effects of ACE over-expression in neutrophils	\$443,250
2018	COMBINATI INCORPORATED	CA	R43AI140865	Single-color Multiplexed Digital PCR via High Resolution Melt Analysis of Endpoint Digital PCR Partitions	\$225,000
2018	J DAVID GLADSTONE INSTITUTES	CA	R61AI140465	Harnessing the RNA-Binding Properties of Cas13a for HIV-1 Self-Testing	\$513,965
2018	CLICK DIAGNOSTICS, INC	CA	R61AI140468	Single-use, disposable PCR home self-testing device to detect HIV-1 RNA in finger-stick blood	\$404,129
2018	STANFORD UNIVERSITY	CA	K99AI129739	Induced host immune response to HIV-1 after antibody therapy	\$127,035
2018	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI137126	New requirements for immunity to parasitic pathogens - when vaccines work and why they fail	\$381,079
2018	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$434,419
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI132317	Germline targeting influenza immunogens	\$1,394,075
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI127406	Generating protective immunity to Staphylococcus aureus	\$560,600
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$379,757

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2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,308
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$555,257
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI112949	Mechanism of colonization resistance	\$451,763
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$577,613
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI052201	Innate Immune Mechanisms in Non-infectious Lung Inflammation	\$525,054
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$765,121
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$348,491
2018	La Jolla Institute For Immunology	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$442,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$123,468
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI130470	Regulation of IgE responses by B cell receptor signaling	\$396,250
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114585	RBM3 regulation of type 2 innate lymphoid cells in allergic inflammation	\$461,600
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$362,207
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$833,577
2018	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$5,480,207
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI110271	Determinants of Functional Immune Defects in Treated HIV Infection and Aging	\$783,355
2018	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$481,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116880	T cell activation and the breakdown of maternal-fetal tolerance in preterm labor	\$396,250
2018	J DAVID GLADSTONE INSTITUTES	CA	R01AI097552	Role of Lipid Droplets in Hepatitis C Virus Infection	\$477,500
2018	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$573,782
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113270	Metabolic regulation of macrophage function during M. tuberculosis infection	\$380,263
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117001	Pharmacodynamics of Antimalarial Chemoprevention	\$681,596
2018	STANFORD UNIVERSITY	CA	R01AI120766	Genome Editing by Homologous Recombination to Create HIV Resistant Immune System	\$488,506
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123024	Novel methods of pharmacologic monitoring for multidrug resistant tuberculosis treatment in the setting of HIV infection	\$696,561
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125080	Bone quality and marrow adiposity in subjects with HIV	\$552,965
2018	La Jolla Institute For Immunology	CA	R01AI071922	Differentiation of subsets of NKT cells	\$539,188
2018	SCIOGEN LLC	CA	R44AI125168	Development of a novel quadrivalent seasonal influenza vaccine using E.coli production technology	\$301,767
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	\$385,000

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2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128775	Integrated Exchange and Storage of Current- and Future -Generation Immunogenomic Data	\$377,400
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127864	NFkB Signaling in Macrophages	\$385,000
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125365	Analyses of the Antiviral and Antifibrotic Mechanisms of Action of NS5A and Cyclophilin Inhibitors	\$481,250
2018	La Jolla Institute For Immunology	CA	R21AI126487	Ubiquitination in Immune Tolerance	\$270,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI126943	Allograft rejection and salvage therapy with chimeric antigen receptor T-regulatory cells in murine hindlimb transplant	\$66,790
2018	SCRIPPS RESEARCH INSTITUTE	CA	F32AI126628	Disrupting quorum sensing through small molecule inhibitors as an alternative to traditional antibiotic treatment	\$58,654
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K25AI128000	Microfluidic High-Throughput Droplet-Scale Screening of DNA-Encoded Compound Libraries for Activators of the Bacterial Target ClpP	\$95,602
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122747	Decoding the Chlamydia inclusion membrane protein-host protein interactome	\$613,137
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI127302	Innate Immune Surveillance of HIV-1 During Transmission and Systemic Infection	\$861,892
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI123202	Using single-cell RNA-seq to interrogate host immunity to pathogens	\$644,460
2018	TRELLIS BIOSCIENCE LLC	CA	SB1AI102396	Therapeutic Antibody for CMV	\$997,600
2018	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	SC2AI133653	Using Psidin to Study the Regulation of Phagocytosis vs Autophagy Pathways	\$139,100
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI129706	Enhancement of Infectivity by HIV-1 Nef via Antagonism of SERINC Proteins	\$573,926
2018	STANFORD UNIVERSITY	CA	R21AI130523	Diagnostic signatures of Zika virus pathogenesis	\$180,203
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI125228	A model to visualize CD4 T cell responses to non-pathogenic E. coli	\$187,153
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI134105	Regulated MAVS-mediated signaling in KSHV lytic replication	\$206,250
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI131294	Defining Factors Controlling HIV Rebound	\$1,525,228
2018	TRELLIS BIOSCIENCE LLC	CA	SB1AI120425	Therapeutic Antibodies for Biofilm Infections	\$999,953
2018	RIBOSCIENCE LLC	CA	R44AI129024	Advancing a novel potent Zika virus specific nucleoside analog to the clinic	\$995,099
2018	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI132362	Forecasting influenza epidemics using a mechanistic epidemic model	\$231,476
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$531,946
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI129540	Hepatitis B virus e antigen in viral persistence	\$412,500

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI126296	Defining the death transcriptome of Schistosoma mansoni to construct a molecular drug screen	\$182,750
2018	STANFORD UNIVERSITY	CA	R01AI125320	Viral GPCR recognition of chemokines and engineered ligands	\$395,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI133951	Decoding the interaction of the Chlamydia secreted effector CT192 with host dynactin	\$38,910
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI130210	Immune Surveillance of Antigen Processing Pathway	\$535,188
2018	La Jolla Institute For Immunology	CA	R21AI127988	Targeting Angiogenesis Pathways for Therapeutic Protection against Dengue	\$225,000
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI136680	Structural basis for activity of and resistance to HIV integrase inhibitors	\$677,943
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,122,773
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI115133	Immune Regulation by Stem Cells: Role of Beta-Catenin in Liver Inflammatory Injury	\$234,000
2018	CELLERANT THERAPEUTICS INC	CA	R42AI108016	Novel Indication for Myeloid Progenitor Use: Induction of Tolerance in Solid Organ Transplantation	\$573,592
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	T32AI125209	Frontiers in Fundamental and Translational Immunology	\$193,292
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI133072	Intrinsic and extrinsic regulation of antiviral T cell responses by MMP2	\$97,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$504,352
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI132923	Transferrin As a Novel Approach to Combat Mucormycosis	\$247,500
2018	AURITEC PHARMACEUTICALS INC	CA	R43AI136201	Preclinical development of an intravaginal ring for the sustained release of Pritelivir for the treatment and prophylaxis of Genital Herpes in women	\$224,484
2018	STANFORD UNIVERSITY	CA	R21AI135287	Natural killer cells in Zika virus pathogenesis	\$232,363
2018	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R21AI138569	Integrated Point of Care Nucleic Acid Testing for Acute Dengue Virus Infection	\$222,112
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI134327	Dissecting the signals that maintain HIV-specific CD8+ T cell exhaustion	\$208,440
2018	ALLVIVO VASCULAR INC	CA	R43AI136195	Antimicrobial Peptide Treatment to Combat Wound Biofilm	\$258,580
2018	TENEOBIO, INC.	CA	R43AI134189	Development of novel heavy chain antibody-based therapeutics for polyomavirus infections	\$291,478
2018	STANFORD UNIVERSITY	CA	R24AI136618	HIV Drug Resistance Database	\$938,879
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI134724	Statistical Design and Analysis of Cluster Randomized Test-Negative Designs: Studies to Eliminate Dengue Fever	\$187,461
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI135677	The role of nuclear receptor co-repressor NCoR1 in ulcerative colitis	\$232,500

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2018	SOMAGENICS, INC	CA	R44AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Virus	\$920,413
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137809	Pre-fusion Arenavirus GP trimers: Structural template for functional analysis	\$290,250
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI138111	Evolution and population biology of the relapsing fever agent <i>Borrelia hermsii</i> in California	\$77,250
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI140718	Genetic evolution, pathogenesis and immune responses in mother to child transmission of ZIKV	\$776,704
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI128047	Global analysis of T cell post-transcriptional regulatory elements	\$239,875
2018	La Jolla Institute For Immunology	CA	R01AI135193	CD4 T cell, germinal center, and antibody response defects in recurrent tonsillitis	\$450,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127709	Studies to understand how mutations in the IKZF1 gene can contribute to development of autoimmune disease	\$408,224
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI138921	Efficient Sendai virus mediated CRISPR/Cas9 gene editing to protect hematopoietic stem cells from HIV	\$615,353
2018	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNIA	CA	R21AI139564	Targeting islet microenvironment via inducing immunity to MSC-derived exosomes	\$282,000
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI139793	Role of the SET-like domain of Blimp-1 in plasma cell function and Immunoglobulin secretion	\$235,500
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI139954	Impact of Occult Hepatitis C Virus Infection in Progression of Liver Diseases	\$288,750
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI116400	Short and long term outcomes of doxycycline versus TMP-SMX for SSTI treatment	\$1,186,965
2018	STANFORD UNIVERSITY	CA	R01AI140134	Effects of IgE Blockade on T Cells in Food Allergy	\$392,500
2018	UNIVERSITY OF CALIFORNIA	CA	R56AI098078	Pathogenesis of Salmonella Bacteremia	\$383,957
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	DP2AI144968	Decoding and harnessing microbial tuning of T cell responses in early life	\$2,415,000
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI132790	Exploiting inhibitory Siglecs for desensitizing mast cells	\$612,669
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$386,250
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$491,615
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI119082	Host iron and Yersinia pathogenesis	\$524,151
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI125902	Engineering high fidelity mutations to increase safety of live-attenuated alphavirus vaccines	\$541,786
2018	PANORAMA RESEARCH, INC	CA	R44AI120433	Monoclonal antibody for autoimmune disease	\$592,822
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$298,058
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$556,923
2018	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$415,047
2018	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$212,244
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$308,024

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$3,370,245
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	Role of nuclear factor TOX in lymphocyte development	\$437,500
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$385,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$396,250
2018	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$914,216
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$652,349
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$680,394
2018	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$477,600
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R37AI066232	Regulation of memory CD8 T cell development	\$577,200
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$386,862
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI108713	Functional Plasticity in the Helicobacter pylori Type IV Secretion System	\$578,356
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI114261	Vibrio cholerae biofilms: structure, function, regulation and role in infection	\$441,421
2018	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI106987	Mechanisms for ligand binding by serine-rich adhesins of Gram-positive pathogens	\$637,797
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$772,927
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120867	Evolution of the Vif E3 Ubiquitin Ligase	\$63,034
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI123105	Early HIV Effects on Gut Immunity and Inflammation for Seeding Viral Reservoirs	\$760,515
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125000	Simplified Isoniazid Preventive Therapy (SPIRIT) Strategy to Reduce TB Burden	\$1,087,552
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114730	Influenza virus receptors on human airway epithelial cells	\$577,662
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI125141	Host defense-stimulating macrocyclic peptides for treatment of MDR bacterial infections	\$945,797
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$587,131
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI130605	Structural Requirements for Broadly Protecting Antibodies to the Respiratory Syncytial Virus G Protein	\$226,237
2018	STANFORD UNIVERSITY	CA	R21AI123896	Genome Editing to rescue FOXP3 Deficiency in IPEX syndrome	\$239,135
2018	STANFORD UNIVERSITY	CA	R01AI125286	Beta-lactamase fluorescent probes for bacterial detection	\$584,232
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI127954	Diabetes and Inflammation During Infection	\$247,500

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2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$363,832
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131424	Development of Sustained-Release Anti-HIV Nucleoside Phosphonate Nanoparticles	\$792,844
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$416,250
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI126368	Innate Immunity and Gender Differences in Melanoma	\$262,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI126191	The IRF-type I interferon system during gestation	\$232,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127639	Novel Therapeutics for Treatment of River Blindness and Lymphatic Filariasis	\$195,658
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI129191	Memory T cell development and survival in T cell responses of older individuals	\$351,676
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$1,191,388
2018	STANFORD UNIVERSITY	CA	R01AI127250	Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa	\$666,329
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$562,423
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134326	Mentoring in Patient Oriented Research on Food Insecurity, HIV and Aging	\$188,088
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI129784	Targeting the HIV reservoir using optimized anti-HIV antibodies	\$410,750
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI128913	Mapping Immune Responses to CMV in Renal Transplant Recipients	\$1,569,278
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI120944	Innate-Adaptive Immunoregulation in Liver Transplant Ischemia/Reperfusion Injury	\$1,687,182
2018	STANFORD UNIVERSITY	CA	R37AI051622	Chemical Mycobacteriology	\$467,162
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI118594	Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients	\$2,057,589
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	\$188,088
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI133337	Single-cell sequencing of peripheral blood cells in SLE patients	\$237,750
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI129698	Rational design and B cell responses of HIV epitope vaccines	\$638,644
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120517	Dissecting the role of Janus Kinases in Common Cytokine Receptor γ -chain signaling in T-cells using chemical genetics	\$44,524
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U19AI129326	Environmental Modifications in sub-Saharan Africa: Changing Epidemiology, Transmission and Pathogenesis of Plasmodium falciparum and P. vivax Malaria	\$1,578,968
2018	La Jolla Institute For Immunology	CA	U19AI118626	Human immune signatures of Dengue virus and Mycobacterium Tuberculosis exposure in infection, disease and vaccination	\$4,556,424

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2018	STANFORD UNIVERSITY	CA	F30AI124553	Systems Pharmacological Analysis of Drug Efficacy in Inflammatory Bowel Disease	\$43,051
2018	STANFORD UNIVERSITY	CA	R01AI132191	Advancing a broad-spectrum anti-influenza A virus RNA packaging inhibitor to an IND	\$1,489,636
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$2,184,106
2018	SYNTHETIC GENOMICS VACCINES, INC.	CA	R33AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$410,252
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI135992	Automation and Evaluation of Real-Time Transmission Network-Based HIV Prevention Services in New York City	\$748,035
2018	UNIVERSITY OF CALIFORNIA, MERCED	CA	R15AI131027	Masters of immunology- how Toxoplasma gondii directly manipulates T cell activation	\$444,309
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI137690	Analysis of Zika virus emergence and functional evolution in the Americas	\$295,281
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132731	Cell decision underlying B-cell immune responses	\$462,560
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI137209	Maternal T cell recognition of placental antigen	\$200,880
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135029	Improving Influenza Vaccination Delivery Across a Health System by the Electronic Health Records Patient Portal	\$697,497
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI138331	Dkk1-Endothelial Progenitor Cell Treatment for the Mitigation of Hematopoietic Radiation Injury	\$544,833
2018	AURITEC PHARMACEUTICALS INC	CA	R61AI136008	IND-enabling preclinical development of a multipurpose intravaginal ring for the prevention of Herpes, HIV and unintended pregnancy	\$434,962
2018	IMPORT THERAPEUTICS INC	CA	R43AI138827	Protective biomarkers for the development of novel serotype-independent protein-based vaccine candidates against pneumococcus	\$224,852
2018	SUNOMIX THERAPEUTICS	CA	R41AI138764	A NOVEL SELF-ASSEMBLING PROTEIN NANOPARTICLES-BASED GENITAL HERPES VACCINE	\$235,980
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI138189	Development of methodologies and probes for metabolic detection of pathogenic microorganisms	\$79,958
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI134987	Monocyte Production by Bone Marrow Progenitors	\$425,833
2018	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI138923	Engineered exosomes target inflammation in HIV	\$244,533
2018	STANFORD UNIVERSITY	CA	R01AI131249	Mechanisms of Diet-Induced Pathogen Expansion in the Gut	\$392,833
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI140095	Function of tissue-specific regulatory T cells in health and disease	\$193,750
2018	La Jolla Institute For Immunology	CA	F32AI140581	The role of GPR183 in Inflammatory Bowel Disease pathogenesis	\$60,296

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2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI136511	Chromatin structure and control of gene expression in the human malaria parasite	\$732,941
2018	STANFORD UNIVERSITY	CA	K25AI140783	Spatial Epigenomic Profiling of Immune Cell Signatures at Subcellular Resolution in Health and Disease	\$107,880
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI139690	Computational design of inhibitors against botulinum neurotoxin	\$246,376
2018	CEDARS-SINAI MEDICAL CENTER	CA	K22AI127473	Determining mechanisms and prevalence of virulence-enhancing resistance mutations	\$160,040
2018	IMMVENTION THERAPEUTIX INC	CA	R41AI140795	Advancing Formulation of STING agonist for Universal Flu Vaccine	\$277,218
2018	SCRIPPS RESEARCH INSTITUTE	CA	F30AI136646	Lymph node-targeted delivery of HIV vaccine candidates	\$31,524
2018	STANFORD UNIVERSITY	CA	R01AI134912	Viral use and mimicry of autophagy pathway and components	\$388,018
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI134581	A Novel Conformation of the ZIKV Protease Provides a Unique 3D Scaffold for Discovering Allosteric Protease Inhibitors as Direct Anti-virals, via HT and Virtual Screening, and Protein Engineering	\$292,500
2018	LINNAEUS BIOSCIENCE, INC.	CA	R43AI141140	Development of Image Based Profiling for Antifungal Discovery	\$300,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI141111	Investigating the Env-dependent antiviral activity and Nef-mediated antagonism of SERINC5 in HIV-1 infection	\$37,399
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI139762	Identifying and modulating therapeutic targets in a model of hepatitis B	\$566,743
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI127809	Mechanisms of Viral DNA Packaging	\$578,535
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI135201	The role of HLA and its coreceptors in endothelial cell activation and leukocyte recruitment in antibody-mediated transplant rejection	\$634,147
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R33AI121571	Nanoparticle decoys for treating infections with enterotoxin-producing pathogens	\$450,673
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI142926	The influence of maternal antibodies on neonatal intestinal immunity	\$381,751
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI143554	Improved RhCMV/SIV vaccine efficacy via IL-10 pathway modulation	\$791,333
2018	La Jolla Institute For Immunology	CA	R01AI140130	Immune Regulation by Deubiquitination	\$450,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI124316	Systems Biology Approach to Redefine Susceptibility Testing and Treatment of MDR Pathogens in the Context of Host Immunity	\$2,206,539
2018	La Jolla Institute For Immunology	CA	R01AI134971	Integrated Functional Histopathology of the Diabetic Human Pancreas	\$719,000
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI130925	Immune priming the piRNA pathway for arboviral resistance in Aedes aegypti	\$185,454

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2018	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$382,759
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$20,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI136336	Determining the impact of in utero microbial colonization on immune tolerance development	\$39,393
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$1,203,745
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$392,500
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$425,813
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$2,120,136
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$348,750
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$269,112
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$2,418,900
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$438,980
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$258,318
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$1,403,277
2018	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	\$301,722
2018	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$458,399
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$392,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$387,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$3,577,318
2018	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$439,724
2018	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNIA	CA	R01AI111451	A Novel Live Non-replicating Universal Vaccine for Influenza	\$608,733
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI114363	Evaluation of novel tuberculosis screening strategies for people living with HIV	\$197,640
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI112394	HIV-1 Modulation of the Ubiquitinome and Its Effects on Cell-to-Cell Transmission	\$197,831
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$550,177
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI129479	Development of a nonhuman primate model of fetal Zika virus infection and disease	\$115,800
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI118581	The role of antibody and the Fc neonatal receptor in transmitted/founder strain selection	\$531,993
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118985	The structural plasticity of chemokine and gp120 recognition by CCR5	\$532,961
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI123390	Mechanism of action of novel Anopheles active toxins	\$388,229
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI117712	Targeted discovery of antibiotics from cave bacteria	\$713,901
2018	La Jolla Institute For Immunology	CA	R01AI116813	IRF-3/5/7-Independent Antiviral Immunity	\$496,504

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$387,500
2018	La Jolla Institute For Immunology	CA	U01AI125957	Control of the Functional Fate of CD4 T Cells by LncRNA-Switch	\$535,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125104	TAT Transactivation	\$396,250
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R33AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$530,710
2018	STANFORD UNIVERSITY	CA	R01AI121084	Small RNA regulation of gene expression in Entamoeba	\$623,315
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$487,500
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	\$437,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$365,246
2018	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R33AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$447,015
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI114575	The cell and molecular mechanisms underlying CD28 costimulation	\$396,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129455	Identification of diagnostic and prognostic host biomarkers of Zika virus infection by transcriptome profiling	\$237,750
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129401	Expression of gamma delta TCR ligands in development	\$240,625
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI125249	Regulation of Rotavirus Replication, Virulence, and Host Range Restriction by the Innate Immune System	\$471,572
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	\$0
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI122344	Antigen-specific B cell tolerance in the gut-associated lymphoid tissue (GALT)	\$487,500
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI114701	The effect of binding of fH to meningococcal fHbp vaccine on antibody protection	\$557,770
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI128007	Intrauterine sex steroids and human fetal T cell development	\$210,600
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$400,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113923	Positive Immune-regulators During Chronic Viral Infections	\$459,066
2018	GIGAGEN INC	CA	R44AI115892	Production Technology for Recombinant Intravenous Immunoglobulin	\$1,000,000
2018	J DAVID GLADSTONE INSTITUTES	CA	P01AI131374	Exploiting the Host-HIV Interface To Identify Biomarkers Predicting Time to Viral Rebound after Treatment Interruption	\$1,688,132
2018	ARADIGM CORPORATION	CA	R44AI134572	In vitro and in vivo efficacy of liposomal ciprofloxacin formulations against Mycobacterium avium and Mycobacterium abscessus	\$486,050
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI129299	New Genetic Tools for Accessing Anti-Infective Agents from Gram-Negative Bacteria	\$38,024

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2018	NIMA LABS INC.	CA	R44AI124907	An Integrated, Accurate, and Rapid Peanut Allergen Detector for Consumers	\$1,000,000
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI134618	CMV-vectored Vaccine Approaches to Induce Protective Antibodies to HIV-1 Env	\$186,899
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	\$365,492
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI122596	Protein-Catalyzed Capture Agents for Improved Malaria Diagnostics	\$17,004
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R21AI129471	Identify ZIKV host factors with an improved CRISPR-based genome-wide knockout screen	\$413,713
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI132869	RNA-Binding Proteins in the control of B-Cell Development	\$233,875
2018	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	\$999,722
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117908	Ubiquitin and Psoriasis	\$396,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129863	Antiviral immunity in the Zika virus mosquito vector	\$198,125
2018	Lucira Health, Inc.	CA	R44AI129031	Low-Cost Instrument-free Point-of-Care Diagnostic for Neisseria gonorrhoeae	\$776,968
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R03AI131019	Screening for lincRNAs involved in NFKB signaling	\$77,000
2018	STANFORD UNIVERSITY	CA	R01AI129939	CTLA4 expressed in B-1a regulates B-1a immune function	\$403,675
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI136389	Characterizing the role of an extracellular electron transport chain in Listeria monocytogenes virulence factor expression and metabolism	\$63,034
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$396,250
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI133280	CD44 Promotes Chronic Virus Infection	\$292,500
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI136523	Development of Peromyscus leucopus as a model organism for research on Lyme disease and other emerging zoonoses	\$231,750
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI133912	Metabolic dependency reveals an Achilles' heel for obligate intracellular pathogens	\$59,038
2018	STANFORD UNIVERSITY	CA	U01AI135950	Exosomes and the Immune Response in Allograft Outcomes in Pediatric Transplant Recipients	\$593,185
2018	PUBLIC HEALTH INSTITUTE	CA	R01AI135118	Antimicrobial Resistance Transmission Associated with Small-Scale Food-Animal Production in Peri-Urban Communities of Quito, Ecuador	\$458,709
2018	OSSIUM HEALTH, INC.	CA	U01AI138334	OssioStem-matched multipotent MSC (M3): banked, low passage bone marrow MSC for treatment of hematopoietic acute radiation syndrome.	\$276,039
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI138553	Role of Microbiome in Neonatal Lung Maturation and Immune Susceptibility	\$928,370

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2018	La Jolla Institute For Immunology	CA	K08AI135078	The Immunology of Recurrent Group A Streptococcus Tonsillitis	\$194,400
2018	La Jolla Institute For Immunology	CA	R21AI134127	Development of a pipeline tool to predict immunogenicity of cancer neo-epitopes	\$270,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI134982	Digital High Resolution Melt and Machine Learning for Rapid and Specific Diagnosis in Neonatal Sepsis	\$437,420
2018	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$481,343
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI139387	Regulatory factors that determine Toxoplasma bradyzoite to merozoites conversion.	\$235,500
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI139410	Target antigen identification to improve Salmonella vaccination	\$384,086
2018	STANFORD UNIVERSITY	CA	K23AI127909	Modulation of the B cell response to dengue virus infection by Plasmodium falciparum co-infection	\$185,273
2018	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$396,139
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	F31AI136312	Contributions of the Annexin A2 Heterotetramer to HPV16 Endocytosis	\$44,524
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI139748	Development of the Next Generation of Conjugate Vaccines	\$894,543
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI043477	NF-kappaB and Mitochondrial Signals as Positive and Negative Regulators of Inflammation	\$590,745
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI139052	Characterization of Rifabutin Therapy Against Antibiotic-Resistant Bacteria	\$557,835
2018	VITALEX BIOSCIENCES, LLC	CA	R43AI138904	Humanized monoclonal antibodies to treat mucormycosis	\$300,000
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI140966	Car T Cells Encoding alpha-chain-anchored and soluble bnAbs for HIV latency	\$290,250
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI137680	Biological Vulnerability to Chlamydia trachomatis in Adolescents and Young Women: the Complex Intersection of Cervicovaginal Microbiome, Cervical Maturation, and Mucosal Immunity	\$768,767
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI116946	The function of chemotactic signal transduction during colonization and disease	\$538,358
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,864
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI142841	Maternal obesity and neonatal innate immunity	\$466,695
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120694	Discovery of novel, ubiquitin-regulated mechanisms of TB control by macrophages	\$734,719
2018	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI124843	Development of SMAC mimetics as latency-reversing agents	\$664,048
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI140705	SFTSV nonstructural protein NSs-mediated immunopathogenesis	\$634,081
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$376,650

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	STANFORD UNIVERSITY	CA	R01AI127447	Defining the role of Host Hsp70 Subnetworks in Dengue Virus Replication	\$508,561
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$486,299
2018	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$641,748
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$464,345
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI121513	Coopting epigenetic regulators by Aire to maintain immune tolerance	\$220,495
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI114787	Manipulating collectivity and Niches for Developing CD8 Immunity	\$447,712
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$388,154
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$454,343
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$517,366
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$516,295
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$528,154
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$2,149,178
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$1,904,461
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$385,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$3,364,213
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI110782	Role of host cell protein TDP2 as VPg unlinkase during picornavirus replication	\$365,544
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$199,519
2018	UNIVERSITY OF CALIFORNIA	CA	P01AI098670	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$1,229,796
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$381,752
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$499,010
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114401	Eliciting antibodies to probe native trimeric gp41 for HIV vaccine design	\$574,022
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$6,394,853

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2018	BUCK INSTITUTE FOR RESEARCH ON AGING	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$711,754
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI120691	Allostery and Hijacking of Host Membrane Traffic by HIV-1 Accessory Proteins	\$561,131
2018	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$909,833
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI116392	Cell Phone Video Directly Observed Therapy to Monitor Short Course LTBI Treatment	\$630,680
2018	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	\$376,634
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$481,250
2018	RAND CORPORATION	CA	R01AI118705	Modeling the Coupled Dynamics of Influenza Transmission and Vaccination Behavior	\$403,221
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI103422	CD4 T cell responses to Chlamydia infection	\$384,722
2018	STANFORD UNIVERSITY	CA	U19AI123862	Profiling the protective B cell response to HCV	\$769,796
2018	STANFORD UNIVERSITY	CA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$195,156
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125445	Fine-tuning the Neutrophilic Response to Pneumonia	\$450,348
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI122702	Origin and Potentiation of Type 2 Innate Lymphoid Cells in the Lung	\$49,524
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI117890	Protective humoral immunity to influenza infection	\$485,276
2018	La Jolla Institute For Immunology	CA	R01AI124796	Relationships between Tfh cells, somatic hypermutation, and the development of broadly neutralizing antibodies	\$550,800
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R37AI091476	Therapeutic Use of an Enhanced Form of CD4-Ig	\$943,250
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	\$503,705
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI131296	Therapeutic vaccination and PD-1 blockade in treated HIV disease	\$1,370,393
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127489	Treatment and Prevention of Systemic Candidiasis	\$229,936
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI123937	Developing reciprocal chromosomal translocations for wild population replacement in an important vector of human disease.	\$0
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128646	Roles of RelB in tuning inflammatory and innate immune responses	\$192,500
2018	SCRIPPS RESEARCH INSTITUTE	CA	F31AI131873	Broadening autologous Tier 2 anti-HIV neutralizing antibodies	\$31,524
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI126460	A novel small molecule probe to study TOX-family transcriptional regulators	\$218,750
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F30AI118342	Intercellular spread of Burkholderia and novel therapeutic strategies	\$44,770
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$481,250

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2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123210	Novel Strategies for Controlling Persistent Viral Infection	\$481,250
2018	La Jolla Institute For Immunology	CA	R01AI128589	Epigenetic control of Foxp3 expression in induced T regulatory cells	\$630,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$387,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI129547	Adapting to a changing environment: How surface contact induces virulence factor production in Pseudomonas aeruginosa	\$396,250
2018	CHILDRENS HOSPITAL OF LOS ANGELES	CA	U01AI126612	Randomized study of low versus moderate dose busulfan in transplant for severe combined immunodeficiency	\$1,496,446
2018	STANFORD UNIVERSITY	CA	R21AI133192	Structure and function of HCMV gHgL complexes	\$196,250
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI132458	Rapid development of neutralizing antiserum against Zika virus	\$235,500
2018	STANFORD UNIVERSITY	CA	R01AI127877	Storage and recall of human B cell memory of influenza over tissues and time	\$392,800
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI134295	Effect of Sex Hormones on HIV persistence	\$193,750
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI134017	Epidemiological impacts of broadly protective childhood HA imprinting on seasonal and pandemic influenza	\$38,317
2018	MAPP BIOPHARMACEUTICAL INC	CA	SB1AI082744	MR191_ An Immunoprotectant for Marburg Virus	\$1,000,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$1,956,462
2018	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$161,747
2018	GENTEGRA LLC	CA	R44AI132032	Stabilization of the RNA Complement of Enveloped Viruses: Beta Testing and Manufacturing Scale-up of a Novel Filter Paper Product for the Field Collection of Dried Blood Spots	\$936,558
2018	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI130471	Progenitor Cells for High Endothelium in the Immune Response	\$509,659
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121914	Point-of-Care Electrochemical Immunosignaturing	\$176,027
2018	La Jolla Institute For Immunology	CA	R56AI132765	Deubiquitination in Immune Regulation	\$270,000
2018	UNIVERSITY OF CALIFORNIA	CA	R21AI128523	Unraveling Intersexual Interactions in Tsetse	\$230,260
2018	STANFORD UNIVERSITY	CA	U01AI135947	The Impact of Epstein Barr Virus Infection on the Immune Response in Pediatric Transplant Recipients	\$635,667
2018	STANFORD UNIVERSITY	CA	R21AI137432	Pf Bacteriophages in the Pathophysiology of Cystic Fibrosis and Pseudomonas aeruginosa Infection	\$238,060
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,428,013
2018	UNIVERSITY OF CALIFORNIA	CA	R03AI138792	Role of vaginal microbiome and metabolome in HIV vaccine efficacy	\$78,500
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI138479	Organ-specific autoimmunity resulting from two genetic defects in tolerance	\$399,583
2018	SCRIPPS RESEARCH INSTITUTE	CA	R13AI138538	2018 International gamma delta T cell conference	\$7,000

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2018	MEISSA VACCINES INC	CA	R56AI137848	Rationally designed live attenuated RSV vaccines	\$383,250
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI133166	Social Motility and inter-kingdom interactions in African trypanosomes	\$224,680
2018	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI139275	Effect of Maternal Influenza Vaccination during Pregnancy on Risk of Infant Influenza	\$137,007
2018	SCRIPPS RESEARCH INSTITUTE	CA	R21AI139744	Identification of sialic acid-degrading microbiome proteins during colitis	\$290,250
2018	MFLUIDX INC	CA	R43AI141044	Point-of-care microfluidic nucleic acid amplification test for primary care	\$298,823
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI075039	Functional and Structural Dissection of Inflammasome Activation	\$392,500
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI132122	Molecular Determinants of Tissue-resident Memory T cell Fate in Acute and Chronic Infection	\$1,988,765
2018	STANFORD UNIVERSITY	CA	K99AI135031	Genetic and Biochemical Interrogation of Rotavirus-Cohesin Interaction	\$132,219
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R61AI140439	Identification and characterization of chromatin regulators of HIV-1 latency	\$950,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$532,335
2018	STANFORD UNIVERSITY	CA	R01AI129529	Identifying The Machinery That Translocates Toxoplasma Effectors Into The Host Cell	\$545,281
2018	INNOVATION PATHWAYS, LLC	CA	R43AI138868	Evaluation of IPW-5371, a TGFbRI kinase inhibitor, dosed as a single agent or in combination with G-CSF, as a medical countermeasure against the delayed effects of total body irradiation in mice	\$300,000
2018	ELECTRONUCLEICS INC.	CA	R41AI141290	Development of a low cost point-of-care device for rapid pathogen detection	\$150,000
2018	ENABLE BIOSCIENCES INC	CA	R43AI141118	Multiplex food allergy diagnostic based on IgE immunologic markers	\$223,806
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI135990	HPMI: Host Pathogen Mapping Initiative	\$2,000,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI139265	Syphilis immunology and biology to improve clinical management and vaccine design	\$666,190
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$539,835
2018	DIGITAL PROTEOMICS LLC	CA	R43AI141046	Alicanto: Proteogenomic discovery of single chain antibodies in llama	\$170,108
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143357	Statistical methods for clinical trials of novel PrEP agents	\$120,063
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI143340	Point-of-care Urine Monitoring of Adherence (PUMA): Testing a Real-Time Urine Assay of Tenofovir in PrEP	\$745,788
2018	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$1,004,473
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI026918	Parasite immunity orchestrated by type 2 immune cells	\$399,792

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2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI135489	Biophysical Fragment Screening and Structure Determination for Class A, B, and D Carbapenemases	\$246,975
2018	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI114929	Tolerance defenses in host-microbiota interactions	\$485,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$356,625
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$614,239
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI137181	Developing Vault Nanoparticles as a Delivery Platform for Burkholderia pseudomallei and Burkholderia mallei Antigens	\$233,875
2018	La Jolla Institute For Immunology	CA	R01AI125068	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	\$841,326
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$356,318
2018	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$609,900
2018	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,250
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$4,181,287
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$383,848
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$380,991
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$382,748
2018	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$394,200
2018	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	Dealing with Antibiotic Resistance: Antisense Technology	\$425,833
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$543,103
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	\$35,173
2018	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$416,250
2018	STANFORD UNIVERSITY	CA	U01AI1101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$632,042
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$3,087,815
2018	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$713,991
2018	IGE THERAPEUTICS INC	CA	R44AI122358	CTL for supertype natural IgE cytotoxic peptide (nECP) to guard against allergic asthma	\$549,186
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI110692	Phosphatidylserine Receptors in Flavivirus Infection	\$480,000
2018	J DAVID GLADSTONE INSTITUTES	CA	R01AI109593	Stochastic Gene Expression in Retroviral Latency	\$440,195
2018	STANFORD UNIVERSITY	CA	R01AI116059	Mechanisms of persistent Salmonella infection	\$402,700
2018	La Jolla Institute For Immunology	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$442,500
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI029329	Enhancing the Intracellular Functioning of anti-HV RNAS	\$654,174

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2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI113867	Glycan dependent epitopes of HIV broadly neutralizing antibodies	\$962,498
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI113009	Explore FOXP3's role in the 3D organization of the genome	\$412,500
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123365	Structure and function of Hepacivirus envelope glycoprotein	\$625,625
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI120009	High-throughput Deep Sequencing Assay to Reliably Measure the HIV Reservoir during Antiretroviral Therapy	\$751,984
2018	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	\$923,718
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114625	Development of siderophore-based vaccines against non-typhoidal Salmonella infection	\$373,468
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$141,048
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI106695	Protective immunity following dengue virus natural infections and vaccination	\$2,160,531
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$688,681
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	\$419,943
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R13AI136713	Regulation of Clinical Research Related to HIV CURE	\$56,008
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI127652	Phage resistance and mobile genetic elements in Vibrio cholerae	\$428,034
2018	La Jolla Institute For Immunology	CA	R01AI123398	Regulation of innate lymphoid cells in inflammation	\$442,500
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R33AI110149	HIV-specific nucleases to reservoir cells	\$495,000
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI124493	Dissecting novel mechanisms of dengue virus NS1-induced vascular leak	\$382,705
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118862	IL-27 elicited antibodies: A novel means to control persistent Arenavirus infection	\$481,250
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI123861	Cooperative Center for the study of HCV antibody responses and vaccine antigens	\$918,736
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI121360	Development of a cell-based assay to discover new bacterial anti-infective agents	\$376,662
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI118688	Disruption of T cell tolerance in type 1 diabetes	\$1,600,832
2018	La Jolla Institute For Immunology	CA	U01AI125955	HVEM: A TNF family receptor that influences mucosal immunity and the microbiome	\$535,300
2018	STANFORD UNIVERSITY	CA	R01AI120683	Portable Nanostructured Photonic Crystal Device for HIV-1 Viral Load	\$376,258
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122862	Single Cell Characterization of Latent HIV-1 Reservoirs	\$382,515
2018	UNIVERSITY OF CALIFORNIA	CA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$453,010
2018	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$512,462

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2018	La Jolla Institute For Immunology	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$450,000
2018	PRIMITY INC	CA	R44AI129032	Primity Cloud: High-Performance Cytometry Analysis Engine	\$770,102
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125626	A Virus-Free Cell Platform To Discover Inhibitors Of Lassa Fever Virus	\$385,000
2018	STANFORD UNIVERSITY	CA	R01AI116698	AAV capsid engineering for enhancing gene transfer	\$593,119
2018	SCRIPPS RESEARCH INSTITUTE	CA	K99AI123498	Structural Studies of the Coronavirus Life Cycle	\$103,478
2018	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$402,543
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI113272	Regulation of Innate Immune Signaling by Lyn Kinase	\$396,250
2018	STANFORD UNIVERSITY	CA	K22AI123478	Co-engaging CD23 and BCR for enhanced neutralizing antibody responses	\$108,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI121144	Improving the molecular diagnosis of drug resistant tuberculosis	\$696,346
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$387,500
2018	STANFORD UNIVERSITY	CA	R01AI130398	Effects of aging on primary and secondary vaccine responses in a 15-year longitudinal cohort	\$1,136,944
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI118584	TRIPAI: An innovative way to improve the health of infants by including fathers during prenatal care	\$202,427
2018	NIRMIDAS BIOTECH INC	CA	R21AI131689	A Nanoscale Plasmonic-Gold Platform for Specific Diagnosis of Zika and Differentiation from other Flavivirus Infections	\$173,450
2018	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$838,140
2018	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI132084	Role of Microbiome Sodium Butyrate in regulation of ILC2 dependent airway hyperreactivity	\$206,250
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R33AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$459,076
2018	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI132128	Understanding HIV latency reversal and clearance of infected cells in vivo	\$383,250
2018	AMPLYX PHARMACEUTICALS INC	CA	R44AI131864	Developing a novel antifungal targeting Gwt1 for the treatment of invasive aspergillosis and rare mold infections	\$725,501
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$3,044,195
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI128803	Sexual trauma and HIV susceptibility among women: the role of stress and genital immunity	\$707,716
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI132413	Infection-homing nanosystems as antibacterial therapeutics-delivery platforms	\$805,479
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127300	Sputum Transcriptomic Expression Profiling in Study 31: Express 31	\$1,308,651
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	\$516,094

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2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI125860	Control of mucosal immunity by Gas- vs Gai-linked GPCR signaling in dendritic cells	\$461,125
2018	STANFORD UNIVERSITY	CA	R21AI128319	Development of a Multi-Virus, Whole Genome Sequencing Platform for Post-Transplantation Virus Characterization	\$196,250
2018	QUERCUS MOLECULAR DESIGN, LLC	CA	R41AI134509	Developing Multi-targeting Antiviral Agents Against Herpes Simplex 1	\$50,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI131385	Revealing Reservoirs during Rebound (R3)	\$1,507,338
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$709,434
2018	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R21AI128216	Do inpatient antimicrobial stewardship programs help us in the battle against antimicrobial resistance?	\$205,370
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI129302	Engineering the innate immune response to Staph aureus infection	\$380,065
2018	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI124068	IMMUNOGENIC SUGAR MOIETIES OF HCMV	\$243,767
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI126611	Delaney AIDS Research Enterprise to Cure HIV	\$5,547,114
2018	UNIVERSITY OF CALIFORNIA	CA	R01AI130684	Exploring the biology of O-acetylated sialic acids using stable synthetic mimics	\$522,160
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI131520	Understanding C. albicans commensalism and virulence in multiple host environmental niches	\$59,038
2018	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI137830	Human resistin regulation of inflammation and endotoxin shock	\$232,813
2018	SCRIPPS RESEARCH INSTITUTE	CA	U19AI135995	Consortium for Viral Systems Biology (CViSB)	\$3,000,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI131939	Novel next-generation sequencing assay for monitoring multidrug resistant tuberculosis treatment in the setting of HIV infection	\$790,569
2018	SCRIPPS RESEARCH INSTITUTE	CA	R01AI136621	Dissecting Polyclonal Sera to Reveal Correlates of Productive Immune Responses to HIV	\$919,034
2018	STANFORD UNIVERSITY	CA	R21AI131918	HIV Resistance Testing Using Point-of-Care Dynamic Solid-Phase Melt Analysis	\$235,500
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI131879	Chimeric Broadly Neutralizing Anti-HIV Antibodies	\$233,750
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI135198	Regulation of Ubiquitination and Arthritis	\$399,792
2018	SAN JOSE STATE UNIVERSITY FOUNDATION	CA	R15AI138146	Novel Antivirulence Peptides from Functional Metagenomics using Nano-Culture Microarrays	\$420,115
2018	WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	R15AI138847	Manipulation of Type I Interferon by HIV Infection	\$423,000
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI140436	Broad recognition of group A Streptococcus M proteins	\$232,500
2018	STANFORD UNIVERSITY	CA	R01AI139550	Molecular and single-cell immunology of myalgic encephalomyelitis/chronic fatigue syndrome	\$775,509
2018	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R33AI119115	Maltose Targeted Antibiotics	\$462,087
2018	CEDARS-SINAI MEDICAL CENTER	CA	R21AI138053	Impact of P. acnes hyaluronidases on acne pathogenesis	\$212,708

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2018	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI140020	Global identification of novel protease activity for Coccidioides, the Valley fever pathogen	\$207,500
2018	VIROGENICS INC	CA	R44AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$977,956
2018	NANOCOMPOSIX INC	CA	R43AI141265	Development of a point of care lateral flow diagnostic to test for acute and past hepatitis E (HEV) in saliva	\$225,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI136972	Genetic regulation and immunological function of ERAP2 haplotypes	\$701,317
2018	UNIVERSITY OF CALIFORNIA	CA	R56AI130277	Evaluating leading GM mosquito strategies using novel A. gambiae population dynamic data and models	\$626,762
2018	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI137258	Development of Teixobactin Analogues	\$443,833
2018	CHROMOLOGIC LLC	CA	R44AI108019	MicroRNA-based Radiation Biodosimeter (MiRAD) Phase II	\$999,884
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI137270	Radical SAM-dependent methylation in antibiotic resistance	\$441,282
2018	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI116885	Regulation of TH17 Cell Development and Function by the REV-ERBs	\$480,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI122282	Understanding the influence of SREBP signaling on CD4 T helper cell biology	\$385,000
2018	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI131496	Dissecting the role of HVEM and BTLA in constraining the germinal center B cell response	\$36,478
2018	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$391,928
2018	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$485,006
2018	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI138934	Metallofragments as 3-Dimensional Scaffolds for Fragment-Based Drug Discovery	\$182,073
2018	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI139790	Ultrasensitive Point-of-Care Diagnostics of Zika Infections Prior to Seroconversion	\$238,232
2018	ARISAN THERAPEUTICS INC	CA	R43AI138878	Optimization of Ebola Virus Entry Inhibitors	\$350,000
2018	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$257,316
2018	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$375,139
2018	COLORADO STATE UNIVERSITY	CO	R03AI128657	Serologic and virologic surveillance of bat and non-human primate samples for Zika virus in East Africa	\$76,000
2018	COLORADO STATE UNIVERSITY	CO	R01AI123234	Modeling the molecular evolution of SIV to HIV using humanized mice	\$480,436
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI132476	Multi-omic studies of asthma severity in an African ancestry population	\$750,086
2018	NATIONAL JEWISH HEALTH	CO	U01AI122269	Treatment of CGD with the PPAR-gamma agonist, pioglitazone, enhances phagocyte anti-inflammatory and antimicrobial responses	\$166,582

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2018	NATIONAL JEWISH HEALTH	CO	R21AI138029	Regulation of Humoral Immunity by SR Protein Kinase 3	\$242,500
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI130198	TCR signal strength and iNKT cell subset development	\$392,812
2018	SIVEC BIOTECHNOLOGIES LLC	CO	R43AI140243	A versatile transkingdom platform for therapeutic nucleic acid delivery to mucosal epithelial tissues	\$293,142
2018	COLORADO STATE UNIVERSITY	CO	F31AI134108	Temperature dependent impacts of RNA virus population evolution	\$34,734
2018	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$420,351
2018	COLORADO STATE UNIVERSITY	CO	R01AI123136	Flavivirus non-coding RNAs and the Host mRNA Decay Machinery	\$372,709
2018	COLORADO STATE UNIVERSITY	CO	R21AI129464	Zika virus urogenital tropism, pathogenesis and sexual transmission	\$165,556
2018	NATIONAL JEWISH HEALTH	CO	R21AI128738	Role of T-bet+CD11c+ B Cells in Sarcoidosis	\$237,750
2018	COLORADO STATE UNIVERSITY	CO	R21AI129593	Role of cell tropism for Zika virus transmission and pathogenesis	\$190,000
2018	MBC PHARMA INC	CO	R43AI127359	Bone Targeted Antibiotics	\$294,202
2018	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$5,920,878
2018	NATIONAL JEWISH HEALTH	CO	UM1AI130780	National Jewish Health CoFAR Clinical Research Unit	\$234,998
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136444	Translational Systems Immunology	\$6,000
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136480	Immunological Memory: Innate, Adaptive, and Beyond	\$4,000
2018	COLORADO STATE UNIVERSITY	CO	R01AI130085	Engineering resistance to Zika virus in Aedes aegypti for Cas9 driven population modification	\$771,251
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI141479	Mechanistic basis of bacteriophages for the decolonization of vancomycin resistant enterococci in the intestine.	\$516,248
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI135581	CCA-containing Hydrogels as a Novel Platform for Label-free Zika Detection	\$211,035
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$466,500
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121209	Cooperation between lymphatic stroma and hematopoietic cells shapes protective immunity	\$385,420
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI132907	Autoantibodies to hybrid insulin peptides in type 1 diabetes	\$194,375
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$463,511
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114903	Centralized IIS-Based Reminder-Recall to Increase Influenza Vaccination Rates	\$667,714
2018	COLORADO STATE UNIVERSITY	CO	R01AI120365	Assay Development for Identification of HIV-1 Protease Autoprocessing Specific Inhibitors	\$378,632

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2018	COLORADO STATE UNIVERSITY	CO	R21AI130497	Pathological Implications of Repression of Cellular RNA Decay by Zika Virus	\$185,139
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI129569	Understanding pathogenic noncoding RNA production in Zika Virus infection	\$190,043
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI128296	Multiplex sequence to activity mapping at the pathway scale	\$192,500
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136036	Cell Death and Inflammation	\$9,000
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136565	Intrinsic Defenses and Counterdefenses	\$9,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI131215	Iron-dependence of clofazimine activity in mycobacteria	\$188,097
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140574	Framing the Response to Emerging Virus Infections	\$5,500
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI140567	Viral and Host Determinants of Chikungunya Virus Dissemination	\$58,654
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI042189	Enterovirus RNA translation and replication.	\$382,645
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$140,952
2018	NATIONAL JEWISH HEALTH	CO	R01AI107022	Innate Effectors and Type-2 Inflammation	\$396,250
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$377,960
2018	COLORADO STATE UNIVERSITY	CO	R01AI112956	Detection and Characterization of Blood-borne Prions	\$378,665
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI117918	Lymphatic endothelial cell capture and maintenance of antigen	\$382,645
2018	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$389,814
2018	COLORADO STATE UNIVERSITY	CO	R01AI120670	Aerosol spectinomamide-1599 therapy against tuberculosis	\$668,501
2018	COLORADO STATE UNIVERSITY	CO	R21AI129488	Design and validation of a rapid assay for Zika virus in biofluids and insect vectors	\$192,511
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$43,343
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI129426	Connecting Epigenetic Regulator MLL1 to ERK and Survival Signaling in B cells	\$189,333
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI126899	Molecular and cellular basis of Combined Adjuvant-Elicited Cellular Immunity	\$494,406
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI134084	Single cell analysis of virus and host gene expression in gammaherpesvirus infection	\$194,375
2018	COLORADO STATE UNIVERSITY	CO	R01AI125454	Improving combination chemotherapy of tuberculosis: a computational approach	\$421,829
2018	COLORADO STATE UNIVERSITY	CO	R21AI128374	Assessing the genetic basis of arboviral salivary gland escape barriers in Aedes aegypti.	\$228,000

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2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133059	T cells reactive to Hybrid Insulin Peptides (HIPs) as biomarkers in autoimmune diabetes	\$194,375
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133110	A Novel Approach to Evaluate Genetic Variants in Primary Antibody Deficiency	\$233,250
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135339	Role of mCD1D2 in iNKT cell development and functions	\$226,972
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI138043	Examining the effects of genes and metabolism on inflammation in asthma by leveraging an isolated founder population.	\$311,000
2018	NATIONAL JEWISH HEALTH	CO	R01AI137970	Steroid resistance of airway ILC2s	\$445,279
2018	NATIONAL JEWISH HEALTH	CO	R21AI135374	The Effects of MHCI Heterozygosity on T Cell Receptor Repertoires	\$255,814
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI130857	MRSA vaginal colonization and impact of polymicrobial interactions	\$226,407
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI139839	Creation of a Generalizable ED-based Antimicrobial Stewardship Program Using Electronic Health Record Clinical Decision Support	\$231,713
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI140575	Transcription and RNA Regulation in Inflammation and Immunity	\$9,000
2018	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI140639	The 18th Annual Meeting of the Rocky Mountain Virology Association	\$8,500
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R33AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$462,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$428,454
2018	NATIONAL JEWISH HEALTH	CO	K01AI125726	Genetic Epidemiology of Nontuberculous Mycobacteria for Predicting Host Specificity and Lung Disease Outcomes	\$111,420
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI062520	Structure and function of HIV-1 integrase	\$630,493
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$388,750
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108725	Mechanisms of immune suppression during arthritogenic alphavirus infections	\$382,312
2018	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$525,678
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI133348	Mechanisms of viral RNA maturation by co-opting cellular exonucleases	\$381,933
2018	COLORADO STATE UNIVERSITY	CO	R01AI121211	Insecticide Resistance Management to Preserve Pyrethroid Susceptibility in Aedes aegypti	\$329,039
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI137011	Host genetic barriers to virus spillover	\$427,504
2018	UNIVERSITY OF DENVER	CO	R01AI138625	Identifying determinants of HIV-1 responsible for the nanoscale distribution and dynamics of virus assembly	\$349,084

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2018	COLORADO STATE UNIVERSITY	CO	R01AI132680	Validation of urine/serum LAM in HIV/nonHIV TB suspects and POC Test Development	\$608,952
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI136534	Humoral Immunity by Anergic B cells	\$510,564
2018	COLORADO STATE UNIVERSITY	CO	R03AI137630	Understanding bacterial localization and protein dynamics as indicators during tuberculosis treatment efficacy	\$76,000
2018	COLORADO STATE UNIVERSITY	CO	U01AI138910	Repeat Ivermectin Mass Drug Administrations for MALaria control II (RIMDAMAL II): a double-blind cluster randomized trial for integrated control of malaria	\$745,773
2018	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$377,640
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI128069	Implementation and Effectiveness of a Rapid Cerebrospinal Fluid Diagnostics Program for Children with Suspected Central Nervous System Infection	\$177,837
2018	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$398,037
2018	COLORADO STATE UNIVERSITY	CO	R01AI120021	An Ultrasensitive In Vivo Latent HIV Viral Outgrowth Assay Using Humanized Mice	\$683,513
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124487	Autoimmunity risk alleles compromising B cell anergy	\$457,386
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124474	Studies of human B cell tolerance, from a humanized mouse model to human beings	\$413,675
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121253	Targeting chemosensory signaling in Aedes aegypti mosquitoes	\$484,885
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI125869	Genome analysis of Ascaris programmed DNA elimination	\$194,375
2018	COLORADO STATE UNIVERSITY	CO	U01AI115619	Biology and Biosignatures of Anti-Tuberculosis Treatment Response	\$628,257
2018	COLORADO STATE UNIVERSITY	CO	R21AI130929	Mechanisms of Susceptibility and Resistance of Mycobacterium tuberculosis to Isoxyl and Thiacetazone	\$233,627
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI122298	Novel approaches for quantitative assessment of adherence	\$720,771
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI131360	Tregs, Gut Microbiome and Immune Responses in HIV-Exposed and Unexposed Infants	\$409,739
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136747	Progress and Pathways Toward an Effective HIV Vaccine	\$20,400
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI134129	The role of innate immunity in the acquisition of sterile protection against TB infection	\$186,139
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI128443	Molecular Mechanisms of Cytokine Induced Insulin Resistance	\$228,632
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138573	Tuberculosis: Translating Scientific Findings for Clinical and Public Health Impact	\$6,500
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138575	Myeloid Cells	\$9,000

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2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI135652	Precursor-rRNA profiling as a measure of drug activity in tuberculosis	\$240,431
2018	NATIONAL JEWISH HEALTH	CO	R01AI135194	Regulation of Gene Expression in the anaphylactic Pathway	\$644,534
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI135473	Dissect Cytolytic Granule Secretion in Cytotoxic T Lymphocytes Using CRISPR Genetic Screens	\$77,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI133089	Impact of commensal cross-talk on MRSA colonization and infection	\$203,250
2018	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$395,644
2018	COLORADO STATE UNIVERSITY	CO	R01AI127475	Vaccine induced memory immunity in tuberculosis	\$380,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI116603	APOBEC3/Rfv3 and Immunoglobulin Somatic Hypermutation	\$493,499
2018	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$421,985
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$385,531
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136364	Regulation and Dysregulation of Innate Immunity in Disease	\$7,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$642,873
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI131662	NK cell IL-10 production during bacterial infections	\$480,003
2018	NATIONAL JEWISH HEALTH	CO	R01AI110408	Reversal of Inflammatory Processes in CGD	\$396,250
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI122463	Mechanisms of adaptive immune suppression during pathogenic chikungunya virus infection	\$61,174
2018	AEROPHASE CORPORATIION	CO	R43AI132067	Treatment of NTM Respiratory Infections with Inhaled Drug Delivery	\$150,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121300	Non-coding RNAs in Gammaherpesvirus Infection and Disease	\$385,420
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114555	Integrative Genomics in Asthmatics of African Descent	\$549,955
2018	COLORADO STATE UNIVERSITY	CO	R01AI132668	Mechanism of Flavivirus RNA Capping	\$374,993
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136481	The Resolution of Inflammation in Health and Disease	\$8,000
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI138574	B Cells: Mechanisms in Immunity and Autoimmunity	\$10,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI140499	Myeloid cell IFNGR regulation in persistent viral and secondary bacterial infections	\$229,828
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F30AI136403	The pathogenesis of enterovirus D68 CNS infection	\$43,081
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R13AI133919	Molecular and Cellular Biology of Helminth Parasites	\$4,250

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2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$465,991
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	\$77,750
2018	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$38,724
2018	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI116993	Ultrarapid culture-independent detection of high-priority carbapenem resistant Enterobacteriaceae directly from blood	\$909,109
2018	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI136247	Antibodies as Drugs: Translating Molecules into Treatments	\$4,000
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI131639	Testing an alternative model of central B cell tolerance	\$233,250
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134220	Role of Type I IFNs in Mucosal HIV-1 Immunity and Pathogenesis	\$549,857
2018	NATIONAL JEWISH HEALTH	CO	R01AI141389	Neutrophil Nox2 controls mononuclear cell functions in inflammation; role in CGD	\$622,106
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI136520	Molecular determinants of oxidative stress in Salmonella pathogenesis	\$447,195
2018	NATIONAL JEWISH HEALTH	CO	R01AI125553	Regulation of T Cell Extravasation and Activation by Ena/Vasp Proteins	\$396,250
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114054	Chromatin diminution in nematodes	\$569,312
2018	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI015614	Pathogenesis of Fever in Man	\$388,750
2018	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$690,640
2018	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$570,845
2018	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$668,434
2018	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$314,165
2018	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$416,250
2018	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammasome regulators during mammalian host defense	\$416,250
2018	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$416,250
2018	YALE UNIVERSITY	CT	R01AI105097	Thymic adipogenesis and age-related thymic demise	\$416,250
2018	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$414,654
2018	YALE UNIVERSITY	CT	R01AI123321	Development of endochin-like quinolones for babesiosis therapy	\$669,365
2018	YALE UNIVERSITY	CT	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$406,954

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI121069	Developing a screening campaign for immune enhancers	\$309,587
2018	YALE UNIVERSITY	CT	R01AI123208	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	\$630,924
2018	YALE UNIVERSITY	CT	R21AI121993	Multifactor mRNA Mediated T Cell Reprogramming for Systemic Lupus Erythematosus	\$167,500
2018	YALE UNIVERSITY	CT	R21AI123858	Regulation of Pulmonary Inflammation in Asthma by Wnt Antagonist DKK1	\$209,375
2018	L2DIAGNOSTICS, LLC	CT	R41AI134497	Validation of a Diagnostic Test for Borrelia miyamotoi	\$274,312
2018	NEW ENGLAND DISCOVERY PARTNERS, LLC	CT	R41AI134531	Targeting STT3A and STT3B to Block Flavivirus Replication	\$295,298
2018	YALE UNIVERSITY	CT	U01AI132895	Ex Vivo Nanoparticle Drug Delivery Targeted to Human Renal Allograft Endothelium	\$418,750
2018	YALE UNIVERSITY	CT	R21AI130671	Functional and structural analysis of the Legionella pneumophila Dot/Icm apparatus	\$251,250
2018	UNIVERSITY OF CONNECTICUT	CT	R03AI128461	Creating a Chemical Probe to Identify the Target of a Novel Immune Suppressing Compound	\$79,750
2018	YALE UNIVERSITY	CT	R33AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	\$498,330
2018	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$502,500
2018	YALE UNIVERSITY	CT	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$341,486
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI118943	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$385,998
2018	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$416,250
2018	YALE UNIVERSITY	CT	R21AI128182	Importance of Immunogenic salivary glycans in eliciting resistance to ticks	\$246,875
2018	YALE UNIVERSITY	CT	UH2AI132341	Semantic Integration of ImmPort and the Linked Data Cloud for Systems Vaccinology	\$251,250
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI125291	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$236,653
2018	YALE UNIVERSITY	CT	R01AI122220	Genomics of NF- κ B-mediated gene regulation in multiple sclerosis	\$729,582
2018	YALE UNIVERSITY	CT	F31AI131531	Using intrabodies to identify determinants of intrinsic antibiotic resistance in Pseudomonas aeruginosa	\$29,244
2018	YALE UNIVERSITY	CT	R21AI133060	Mechanisms of peripheral B cell differentiation and homeostasis	\$251,250
2018	YALE UNIVERSITY	CT	F30AI138473	Complement Induces Inflammasome Assembly in Human Endothelium: Mechanisms and Consequences for Graft Rejection	\$29,274
2018	UNIVERSITY OF CONNECTICUT	CT	R21AI140734	Targeting Glycolytic Enzymes as an Antibacterial Strategy	\$239,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	YALE UNIVERSITY	CT	R01AI138141	Novel roles for the DNA damage response kinase CHK1 in TCR/ITAM signaling	\$474,449
2018	YALE UNIVERSITY	CT	R01AI141009	Role of clonal expansion in HIV-1 persistence	\$606,254
2018	YALE UNIVERSITY	CT	R01AI136942	Immune mechanisms regulating allergy	\$627,476
2018	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$411,442
2018	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory bowel disease	\$416,250
2018	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$544,169
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI119015	Cytosolic Immune Surveillance During Bacterial Infections	\$395,031
2018	YALE UNIVERSITY	CT	R01AI131518	Hepatitis C virus genome structure: dynamic roles in replication and infectivity	\$596,514
2018	YALE UNIVERSITY	CT	R01AI121183	Mechanisms regulating fetal membrane and neutrophil responses to polymicrobial infection	\$566,647
2018	YALE UNIVERSITY	CT	R21AI135562	Mechanisms of Autoimmune Diabetes in Patients Treated with Immune checkpoint Inhibitors	\$125,625
2018	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$535,012
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI139940	Borrelia burgdorferi oligopeptide (Opp) transporter control of cellular homeostasis and growth	\$239,250
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$641,362
2018	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$2,558,253
2018	YALE UNIVERSITY	CT	R01AI120369	Mechanisms Regulating Innate Immune Responses	\$418,750
2018	YALE UNIVERSITY	CT	R21AI131284	Innate antiviral defense against Vaginal transmission of ZIKA virus	\$209,375
2018	YALE UNIVERSITY	CT	K01AI119603	Improving the control of multidrug-resistant tuberculosis through targeted screening and use of novel anti-tuberculosis drugs	\$128,628
2018	UNIVERSITY OF CONNECTICUT	CT	R01AI123131	Transplantation of ESC-derived thymic epithelial progenitors expressing autoantigen(s) ameliorating experimental autoimmune encephalomyelitis	\$395,000
2018	YALE UNIVERSITY	CT	U01AI115648	Control of Tsetse Fly Transmitted Diseases in Kenya	\$670,621
2018	YALE UNIVERSITY	CT	R21AI136017	Combined Human Myeloid and Lymphoid Engraftment in MISTRG Mice for Transplantation Research	\$251,250
2018	L2DIAGNOSTICS, LLC	CT	R43AI136118	An antigen-detection assay to diagnose Babesia microti infection	\$299,975
2018	YALE UNIVERSITY	CT	R21AI136737	Comparative structure and function analyses of human and mouse SAMHD1 proteins	\$220,014
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI135128	Multiscale modeling of the battle over iron in invasive lung infection	\$619,827
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$538,661

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$492,701
2018	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$418,750
2018	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$416,250
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI130963	Long Non-Coding RNA, TLR Tolerance and Sepsis	\$239,250
2018	YALE UNIVERSITY	CT	R01AI121207	Naturally-Acquired and Vaccine-Mediated Immunity to Leptospirosis	\$941,162
2018	YALE UNIVERSITY	CT	R21AI132013	Discovery and characterization of modified signaling networks in latent HIV-infected T cells using CyTOF	\$194,706
2018	YALE UNIVERSITY	CT	R01AI131613	Role of Hofbauer Cells in Fetal Infection/Inflammation	\$413,817
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI132850	Bacterial modulation of noncanonical inflammasome	\$398,750
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI135528	Characterization of noncanonical inflammasome-mediated release of alarmins	\$239,250
2018	YALE UNIVERSITY	CT	R01AI136794	Exploiting Riboswitch Sensors to Reveal Antibiotics Uptake and Retention in Gram Negative Bacteria	\$1,234,615
2018	YALE UNIVERSITY	CT	R21AI135477	TRANSMIT: Tracking Antimalarial Resistance in Mosquito Populations	\$204,005
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI136955	IRAK4 and Systemic Lupus Erythematosus	\$398,750
2018	YALE UNIVERSITY	CT	R01AI137093	Predicting and monitoring variations in the effects of vaccines against RSV	\$485,771
2018	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$480,847
2018	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$566,172
2018	YALE UNIVERSITY	CT	R01AI116313	Recognition of Viral DNA by APOBEC3 Proteins and their Antagonization by HIV Vif	\$414,753
2018	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$505,354
2018	YALE UNIVERSITY	CT	F32AI126660	RNA-Protein Interactions During Hepatitis C Virus Infection	\$61,174
2018	YALE UNIVERSITY	CT	R01AI126033	The role of tick gut microbiota in Borrelia burgdorferi transmission to mice	\$415,375
2018	YALE UNIVERSITY	CT	F31AI133855	Metabolic Regulation of follicular B helper T (Tfh) cell development	\$44,524
2018	YALE UNIVERSITY	CT	R01AI123204	Effectiveness of HPV Vaccine by Age at Immunization as Used in Clinical Practice	\$444,738
2018	YALE UNIVERSITY	CT	R01AI127429	B cell based protection against recurrent herpes	\$418,750
2018	YALE UNIVERSITY	CT	R01AI127865	The role of NLRP6 and DHX15 in control of infection by RNA viruses	\$418,750
2018	L2DIAGNOSTICS, LLC	CT	R43AI136546	Therapeutic Inhibition of MIF to Improve Glucocorticoid Response	\$299,407
2018	YALE UNIVERSITY	CT	R21AI135799	Determining the Health Burden of Borrelia Miyamotoi with a Next-Gen Diagnostic Assay	\$209,375

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2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI130747	Gene Expression control by trypanosome cyclin-dependent kinase CRK9	\$426,581
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI139891	Test if antitumor T cells use a putative super-enhancer in the Il1rl2-Il1rl1 intergenic region to form "innate-like" responses to cytokines	\$199,375
2018	YALE UNIVERSITY	CT	R56AI141572	Long-acting combination antiretroviral therapy for HIV-AIDS	\$598,150
2018	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$451,560
2018	YALE UNIVERSITY	CT	R01AI120558	Expanding the Sensing Abilities of Virulence Regulatory Systems	\$544,169
2018	YALE UNIVERSITY	CT	R01AI032524	Mechanism and Targeting of V(D)J Recombination	\$465,511
2018	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$239,430
2018	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$2,954,296
2018	YALE UNIVERSITY	CT	R01AI112970	Model-guided assessment of rotavirus vaccine impact in developing countries	\$372,036
2018	YALE UNIVERSITY	CT	R01AI114760	Biogenesis of the Coxiella-containing vacuole	\$417,024
2018	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$552,900
2018	YALE UNIVERSITY	CT	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$322,171
2018	YALE UNIVERSITY	CT	K08AI128745	Regulation of Metabolic Programs for Host Tolerance to Inflammation	\$153,189
2018	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	\$417,195
2018	YALE UNIVERSITY	CT	R01AI132452	Emerging benzimidazole resistance in human hookworms	\$420,750
2018	YALE UNIVERSITY	CT	R21AI131015	Discovery of NR4A1/2 ligands controlling tissue-resident memory T (T _{rm}) cells	\$209,375
2018	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$182,554
2018	YALE UNIVERSITY	CT	R21AI136768	Helper-dependent adenoviral vectors for targeted in vivo gene delivery to both CD4 T cells and hematopoietic progenitors	\$209,375
2018	YALE UNIVERSITY	CT	R01AI132409	Population genomics of a globally distributed arbovirus vector, Aedes albopictus	\$731,205
2018	YALE UNIVERSITY	CT	R21AI126158	Structural and Functional Characterization of the Salmonella Typhimurium Type III Secretion System Sorting Platform	\$251,250
2018	YALE UNIVERSITY	CT	F30AI129265	Cell-intrinsic mechanisms of endogenous retroviral control	\$29,214
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI123864	Cellular Mechanisms of Viral Control	\$401,242
2018	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$764,100

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2018	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$678,458
2018	UNIVERSITY OF CONNECTICUT	CT	R21AI128737	Rapid development of replication-controlled vaccinia virus vectors for vaccines and therapeutics with single or double safety features	\$193,993
2018	YALE UNIVERSITY	CT	R01AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$418,750
2018	YALE UNIVERSITY	CT	K08AI119139	Cell Death and Cross-Protection in Rhinovirus Infection	\$195,588
2018	YALE UNIVERSITY	CT	R01AI127642	Targeting of somatic hypermutation in the genome	\$418,750
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI128379	Identification of genes required by Leptospira interrogans for mammalian host adaptation and/or persistence in the rat model	\$239,250
2018	YALE UNIVERSITY	CT	R01AI130068	Pathogenesis of Borrelia miyamotoi infection and Lyme coinfection in mice	\$418,750
2018	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI135451	Oxidation is a trigger for PML multimerization and Nuclear Body formation in HSV infected cells	\$196,767
2018	YALE UNIVERSITY	CT	R01AI137079	Function and Evolutionary Origins of the RAG Endonuclease	\$525,311
2018	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$455,398
2018	YALE UNIVERSITY	CT	R01AI122448	B Cell Memory Regulation by Bone Morphogenetic Protein Receptor 1A	\$424,493
2018	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$514,952
2018	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$413,757
2018	GEORGETOWN UNIVERSITY	DC	R01AI111962	Optimized Combination Antimalarial Drug Therapy	\$923,203
2018	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI130184	Psychosocial Adjustment and Adherence among Youth with Food Allergy	\$145,238
2018	CHILDREN'S RESEARCH INSTITUTE	DC	R38AI140298	Children's National Stimulating Access to Research in Residency (CNStARR) Program (NIAID)	\$386,750
2018	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$3,288,382
2018	GEORGETOWN UNIVERSITY	DC	R21AI123708	Role of amino acids and GTP in Staphylococcus aureus pathogenesis	\$194,375
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI138482	14th ASM Conference on Candida and Candidiasis	\$8,000
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI140629	8th ASM Conference on Biofilms	\$6,500
2018	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$937,341
2018	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$181,440
2018	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI136542	4th ASM Conference on Viral Manipulation of Nuclear Processes	\$6,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	GEORGETOWN UNIVERSITY	DC	R21AI130800	Protective and Proinflammatory Immunological Mechanisms behind Liver Ischemia Reperfusion Injury in Marginal Livers	\$243,941
2018	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI130502	Exosomal miR-155 regulates airway epithelial immune responses in infants with rhinovirus infection	\$261,022
2018	GEORGETOWN UNIVERSITY	DC	R13AI138559	The Changing Relevance of Material Transfer Agreements for Infectious Disease Research: Enhancing the Role of Investigators	\$5,500
2018	GEORGETOWN UNIVERSITY	DC	R15AI109591	The Role of Lectins in Immune Recognition of Giardia.	\$466,500
2018	GEORGETOWN UNIVERSITY	DC	R01AI132389	UPIT: Unleash the Potential of Intestinal Transplantation	\$479,946
2018	INTERNATIONAL AIDS SOCIETY	DC	R13AI138840	22nd International AIDS Conference (AIDS 2018), Amsterdam, the Netherlands, 23-27 July 2018	\$1,000,000
2018	GEORGETOWN UNIVERSITY	DC	R01AI137403	Nutritional regulation of pathogenesis in Staphylococcus aureus	\$546,920
2018	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$475,387
2018	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$377,500
2018	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$1,543,614
2018	UNIVERSITY OF DELAWARE	DE	R03AI136710	Evidence of cryptic replication in dolutegravir intensification data	\$77,652
2018	UNIVERSITY OF FLORIDA	FL	R21AI126172	Title: Manipulate cell surface by triple sugars for broad-spectrum Salmonella vaccine development	\$228,750
2018	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$422,604
2018	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,697,885
2018	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,166,422
2018	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$1,096,497
2018	UNIVERSITY OF FLORIDA	FL	R01AI130185	Next-generation combination dosing strategies to combat resistant Acinetobacter baumannii	\$739,771
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI117017	Chemogenomic Profiling of Plasmodium falciparum Drug Responses and Resistance	\$703,889
2018	UNIVERSITY OF FLORIDA	FL	K08AI116980	Heterologous immunity and host susceptibility to emerging alphaviral infections	\$180,900
2018	UNIVERSITY OF FLORIDA	FL	R01AI128074	Restoring Immune Tolerance in a Model of Multiple Sclerosis	\$381,250
2018	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI125785	Enterolactone and asthma	\$192,839
2018	UNIVERSITY OF MIAMI	FL	R01AI110810	Killing of intracellular bacteria by Perforin-2	\$436,109
2018	UNIVERSITY OF MIAMI	FL	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$366,201

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2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124458	The Role and Regulation of Extracellular Proteases in Staphylococcus aureus	\$427,222
2018	EMMUNE INC	FL	R44AI134269	Development of AAV vectors for long-term expression of eCD4-Ig	\$999,959
2018	UNIVERSITY OF FLORIDA	FL	R21AI131328	AAV2 and hepatocellular carcinoma	\$184,688
2018	UNIVERSITY OF FLORIDA	FL	R21AI130970	Genetic regulation of intestinal epithelial cell innate immune signaling in human type 1 diabetes	\$45,841
2018	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI137768	Point-of-sampling detection of Human Papillomavirus (HPV)	\$222,000
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI130171	Discovering the essential genome of Plasmodium falciparum	\$697,594
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	\$461,533
2018	UNIVERSITY OF MIAMI	FL	R01AI123258	Serum miRNA Biomarkers of Islet Autoimmunity	\$746,950
2018	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI125657	Fungal metabolites block malaria transmission	\$507,046
2018	UNIVERSITY OF FLORIDA	FL	R21AI130561	Identification of potent cross neutralizing Dengue antibodies using single-cell technology	\$184,801
2018	UNIVERSITY OF FLORIDA	FL	R21AI128518	Membrane bound Burkholderia pseudomallei PenA beta -lactamase	\$190,625
2018	UNIVERSITY OF FLORIDA	FL	R21AI138815	HIV Dynamic Modelling for Identification of Transmission Epicenters (HIV-DYNAMITE)	\$228,750
2018	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI137721	High throughput screening for anti-adhesion drugs against placental and cerebral malaria	\$223,313
2018	UNIVERSITY OF FLORIDA	FL	R13AI133862	22nd Congress of the International Organization for Mycoplasmaology	\$6,500
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI130707	Determining the Influence of the Delta-Subunit on Bacterial RNA Polymerase	\$222,968
2018	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI135296	Point-of-sampling detection of Lyme and other tick-borne diseases	\$222,000
2018	UNIVERSITY OF FLORIDA	FL	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$381,250
2018	UNIVERSITY OF MIAMI	FL	F31AI124629	IL-2 Dependent Processes in Regulatory T cells	\$49,524
2018	UNIVERSITY OF FLORIDA	FL	R01AI128750	Cholera persistence, transmission, and clinical illness in Haiti	\$712,682
2018	SPECIFIC DIAGNOSTICS LLC	FL	R44AI128777	Combining faster detection with ID: a new paradigm for mycobacterial culture	\$1,000,000
2018	UNIVERSITY OF FLORIDA	FL	R01AI133623	Tolerogenic dual microparticle system for treatment of multiple sclerosis	\$520,957
2018	ONEVAX LLC	FL	R21AI133067	Delivery of biomaterial-conjugated regulatory T Cells for the amelioration of Type 1 Diabetes	\$127,740
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI132711	Multivalent vaccines against Clostridium difficile infection	\$382,035
2018	UNIVERSITY OF MIAMI	FL	R01AI123048	Antibody Responses in Aging SIV Infected Monkeys	\$815,288
2018	EMMUNE INC	FL	R43AI136163	CpfI-mediated inactivation of an AAV transgene	\$300,000

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2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI137056	The "Disaggregase" Mechanism of Holotoxin Disassembly by Protein Disulfide Isomerase	\$398,468
2018	UNIVERSITY OF FLORIDA	FL	R21AI132865	Mechanisms of STING-dependent IFNgamma production during pulmonary pneumococcal infection	\$227,266
2018	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$237,361
2018	UNIVERSITY OF FLORIDA	FL	R01AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	\$477,833
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI131398	Discovery of Antimalarials with Novel Mechanism of Action	\$493,344
2018	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$142,138
2018	UNIVERSITY OF FLORIDA	FL	R01AI116892	Role of Intestinal Bacteria in Human Norovirus Infection	\$368,767
2018	UNIVERSITY OF MIAMI	FL	R01AI127347	Immunity and HIV persistence in perinatal HIV infection	\$656,445
2018	ISENSE LLC	FL	SB1AI094781	Rapid Identification of Pathogenic Bacteria in Blood causing Sepsis	\$973,164
2018	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI125973	Targeting transcription-coupled DNA supercoiling for discovering antibiotics against bacterial DNA gyrase	\$245,784
2018	UNIVERSITY OF MIAMI	FL	R01AI130009	Role of Yersinia pestis Ail-host ligand interactions in plague	\$438,050
2018	UNIVERSITY OF FLORIDA	FL	R03AI128123	Swine as a translational model for human brucellosis	\$75,360
2018	UNIVERSITY OF FLORIDA	FL	R01AI132554	Viral and host strategies for regulation of KSHV infection	\$381,250
2018	UNIVERSITY OF FLORIDA	FL	R01AI139761	Design and Analysis of Vaccine Trials for Emerging Infectious Disease Threats	\$743,713
2018	UNIVERSITY OF FLORIDA	FL	R01AI128901	Targeting follicular helper CD4 T cells in SLE	\$305,000
2018	UNIVERSITY OF FLORIDA	FL	R01AI123244	Mucosal Vaccines for Brucellosis	\$436,758
2018	UNIVERSITY OF MIAMI	FL	R01AI128782	Mucosal mechanisms of altered HIV susceptibility in adolescents	\$468,397
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI126068	Exploiting Fungal Natural Products to Discover Novel Scaffolds That Inhibit Dormant and Drug-Resistant TB	\$186,189
2018	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$2,051,005
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI132375	Role of Complement in Nipah Virus Pathogenesis	\$187,560
2018	UNIVERSITY OF FLORIDA	FL	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$281,266
2018	UNIVERSITY OF FLORIDA	FL	R21AI130656	Genetic control of autoimmune diabetes inducing cytotoxic T cells	\$236,036
2018	UNIVERSITY OF MIAMI	FL	F30AI134381	Virologic determinants of HIV elite control	\$49,524
2018	UNIVERSITY OF MIAMI	FL	R01AI138718	Mechanisms underlying recurrent bacterial vaginosis and HIV risk A Multidisciplinary approach	\$717,238
2018	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$541,633

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2018	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$504,327
2018	UNIVERSITY OF FLORIDA	FL	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$298,516
2018	UNIVERSITY OF FLORIDA	FL	R01AI112680	Heterologous polysaccharide synthesis in attenuated Salmonella	\$358,942
2018	FLORIDA STATE UNIVERSITY	FL	R01AI119178	Membrane Protein Structures and Interactions in the M. tuberculosis Divisome	\$670,880
2018	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,366,867
2018	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R21AI128188	Meeting Urgent Needs in Surveillance and Diagnostics. Zika	\$142,846
2018	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI133567	Nucleic Acid Innovations to Manage Pathogen Sequence Divergence	\$222,000
2018	UNIVERSITY OF MIAMI	FL	R21AI136898	The Role of Exosomes and Exosomal RNAs as Biomarkers and Mediators for HIV-Associated Atherosclerosis	\$230,250
2018	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI135469	Understanding mosquito ovary dynamics and reproductive fitness using Mass Spectrometry Imaging	\$183,125
2018	UNIVERSITY OF FLORIDA	FL	R01AI121430	Rapid Identification of Optimal Combination Regimens for Pseudomonas aeruginosa	\$1,007,027
2018	UNIVERSITY OF FLORIDA	FL	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$444,683
2018	UNIVERSITY OF MIAMI	FL	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$7,171
2018	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$1,159,284
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI123245	Community-directed vector control to enhance mass drug administration for onchocerciasis elimination in Africa	\$520,781
2018	UNIVERSITY OF FLORIDA	FL	R01AI114703	LINKING ANTIGENIC & GENETIC VARIATION OF DENGUE TO INDIVIDUAL AND POPULATION RISK	\$674,513
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI123876	Development of a method for visual detection of Mycobacterium tuberculosis complex	\$177,776
2018	UNIVERSITY OF MIAMI	FL	R21AI128164	Characterization Of A Novel ETEC Virulence Factor And Secretion System	\$191,875
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124682	Developmental switches regulating tissue cyst formation	\$546,310
2018	UNIVERSITY OF FLORIDA	FL	R01AI125516	Naso-oropharyngeal Brucella Infections and Mucosal Immune Protection	\$377,292
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122760	Studies of DNA Licensing in Apicomplexa Parasites	\$526,152
2018	UNIVERSITY OF FLORIDA	FL	R21AI131205	Transcriptional control of genes implicated in suppression function of Treg cells	\$228,750
2018	UNIVERSITY OF FLORIDA	FL	R01AI123300	Peptidoglycan Assembly, Degradation, and Function in Pathogenic Chlamydia	\$381,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF FLORIDA	FL	R01AI126357	Cholera transmission and evolution in Port-au-Prince, Haiti	\$1,093,920
2018	UNIVERSITY OF MIAMI	FL	U01AI125057	Low-dose IL-2 in Established T1D	\$1
2018	UNIVERSITY OF FLORIDA	FL	R21AI137446	Significance of metal homeostasis to bacterial pathogenesis in chronic wounds	\$228,750
2018	UNIVERSITY OF FLORIDA	FL	R03AI135579	Dissecting the Mechanism of a Phage-encoded Clamp Loader Inhibitor	\$76,250
2018	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI135172	Development of a Tool Kit for Human Filarial Transfection	\$224,250
2018	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$412,063
2018	UNIVERSITY OF FLORIDA	FL	R01AI136803	Combating resistant superbugs by understanding the molecular determinants of target site penetration and binding	\$1,307,630
2018	UNIVERSITY OF FLORIDA	FL	R01AI118999	Regulation of Staphylococcus aureus physiology by bacterial nitric oxide	\$342,617
2018	UNIVERSITY OF FLORIDA	FL	R33AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	\$513,000
2018	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$205,247
2018	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$731,021
2018	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$49,524
2018	UNIVERSITY OF MIAMI	FL	R01AI108421	Can vaccine-induced CD8 T cells prevent chronic phase AIDS virus replication?	\$598,886
2018	UNIVERSITY OF FLORIDA	FL	R01AI108407	Role of MHV68 miRNAs in latency and pathogenesis	\$417,433
2018	EMMUNE INC	FL	R44AI124832	WHICH ISOTYPE OF ECD4-IG MOST EFFECTIVELY SUPPRESSES VIRUS REPLICATION?	\$998,663
2018	UNIVERSITY OF FLORIDA	FL	P01AI123036	Optimizing Combination Therapy to Accelerate Clinical Cure of Tuberculosis	\$2,332,983
2018	SPECIFIC DIAGNOSTICS LLC	FL	R44AI131963	Rapid Low Cost Phenotypic Antibiotic Susceptibility Testing.	\$995,444
2018	UNIVERSITY OF FLORIDA	FL	R21AI135158	Regulatory Nucleotides of Enterococcus faecalis	\$228,750
2018	Z-QUICK, LLC	FL	R41AI138720	Rapid development of a Zika-specific diagnostic test	\$299,890
2018	ONEVAX LLC	FL	R43AI140929	Development of a dual microparticle platform vaccine system encapsulating immunomodulatory agents and antigen for the amelioration of type 1 diabetes	\$221,331
2018	UNIVERSITY OF MIAMI	FL	R01AI131648	Low dose IL-2 and human regulatory T cells	\$616,712
2018	UNIVERSITY OF FLORIDA	FL	R01AI132391	Regulation of Gut Innate Lymphoid Cells by Ahr	\$524,801
2018	EMORY UNIVERSITY	GA	R01AI051231	Virologic Correlates of Heterosexual Transmission	\$1,593,672
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$221,581

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$2,649,051
2018	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,519,163
2018	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$387,616
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K01AI125830	Integrative Modeling of study design and transmission dynamics to infer epidemic drivers and inform decision-making: Applications to HIV and other emerging pathogens	\$132,300
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106839	Regulating neutrophil response during chronic inflammation through SIRPa alterati	\$420,759
2018	EMORY UNIVERSITY	GA	K23AI124913	Defining Antiretroviral Pharmacology Within HIV-1 Reservoirs of Males and Females	\$188,676
2018	EMORY UNIVERSITY	GA	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$590,494
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI129940	Development of a novel vaccine platform: Surface Antigen/Adjuvant Vaccine Engineering (SAAVE)	\$597,338
2018	EMORY UNIVERSITY	GA	R21AI129607	Repurposing drugs to prevent and inhibit Zika virus inflections	\$195,000
2018	EMORY UNIVERSITY	GA	R01AI128837	Using DNA/MVA/protein immunization of rhesus macaques to investigate how the background of the HIV-1 envelope and nature of the protein boost shape the genetic and functional antibody landscape.	\$1,585,646
2018	EMORY UNIVERSITY	GA	R01AI126322	Optimizing Strategies to Overcome Kidney Xenograft Rejection	\$925,625
2018	EMORY UNIVERSITY	GA	F30AI124568	Relevance of Tracts of Framework Mutations in IgM Plasma Cells	\$49,524
2018	EMORY UNIVERSITY	GA	R33AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$458,393
2018	EMORY UNIVERSITY	GA	K23AI134182	Impact of HIV infection on early responses to TB exposure	\$193,484
2018	EMORY UNIVERSITY	GA	R01AI135806	Inhibition of viral entry by interferon-induced proteins	\$415,302
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI133322	Regulation of calcium signaling in the human malaria parasite	\$225,125
2018	EMORY UNIVERSITY	GA	R01AI133706	Immune interventions in SIV-infected ART-suppressed infant macaques	\$872,281
2018	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$396,246
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$399,885
2018	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$3,369,727
2018	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$439,591
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125453	Small Molecule Inhibitors of Ebola Virus Polymerase Function	\$872,936

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2018	EMORY UNIVERSITY	GA	R01AI136533	Dynamics of antigen specific B and Tfh responses during acute and chronic HCV	\$825,277
2018	EMORY UNIVERSITY	GA	R01AI130163	Urban Water Systems, Enteric Pathogen Distribution & Gut Microbiome Development in Children: A Natural Experiment in Mozambique	\$789,911
2018	EMORY UNIVERSITY	GA	F31AI138391	Epigenetic Regulation of Memory B Cell Differentiation and Reactivation	\$44,524
2018	EMORY UNIVERSITY	GA	R01AI141327	Structural and Chemical Analysis of Highly Potent ALLINI Platform	\$403,750
2018	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI126897	IMMUNITY TO CHLAMYDIA ABORTUS	\$437,390
2018	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$832,850
2018	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$435,020
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$2,953,996
2018	EMORY UNIVERSITY	GA	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$438,413
2018	EMORY UNIVERSITY	GA	R01AI121252	Understanding Survival of Human Bone Marrow Long-Lived Plasma Cells	\$932,432
2018	EMORY UNIVERSITY	GA	R01AI124680	T cell compartmentalization and antiviral response	\$624,373
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI126311	Curaxin-137, A New Lead for Anti-Trypanosome Drug Discovery - Resubmission - 1	\$686,979
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI131093	Monocyte regulation of tissue resident memory CD8 T cells	\$187,500
2018	EMORY UNIVERSITY	GA	R01AI127799	Host dependence of influenza A virus reassortment	\$619,566
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128356	The Toxoplasma apicoplast and calcium signaling	\$403,379
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R03AI133172	Latent tuberculosis infection and risk of type 2 diabetes mellitus in US veterans	\$80,110
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI130139	Elucidating the trafficking mechanisms of effector proteins to the Plasmodium infected red blood cell	\$375,000
2018	GEOVAX INC	GA	R44AI138745	Construction and efficacy testing of novel recombinant vaccine designs for eliciting both broadly neutralizing antibodies and T cells against Lassa virus	\$299,820
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	\$372,250
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI138576	Molecular mechanisms required for the maintenance of the gram-negative outer membrane	\$409,560
2018	EMORY UNIVERSITY	GA	R01AI137127	Human B cell responses to a live attenuated cholera vaccine	\$390,000
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI139934	Generation of A Safe Yet Fully Replication-Competent Filovirus	\$206,650
2018	ADVAC LLC	GA	R41AI134132	New RSV Vaccines with Improved Safety and Efficacy	\$225,000

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2018	EMORY UNIVERSITY	GA	K22AI137306	Seroepidemiologic risk for congenital Zika syndrome and adaptive immunity of fetal infection	\$161,997
2018	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$561,600
2018	EMORY UNIVERSITY	GA	R01AI073707	Determinants of T Cell Fate in Transplantation Tolerance	\$387,900
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	\$378,750
2018	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$390,000
2018	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$2,528,893
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$688,139
2018	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103267	Coordinated stationary phase control of Campylobacter motility and biofilm	\$300,000
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$1,858,977
2018	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,905,098
2018	EMORY UNIVERSITY	GA	U01AI115651	Dengue Virus Infection in India	\$653,082
2018	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$450,184
2018	EMORY UNIVERSITY	GA	R01AI123733	Epigenetic Regulation of Plasma Cells Differentiation	\$386,710
2018	EMORY UNIVERSITY	GA	R01AI125268	Impact of selective genome packaging on influenza A virus reassortment	\$758,097
2018	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$810,107
2018	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$337,035
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$485,796
2018	EMORY UNIVERSITY	GA	UH2AI132345	Multiscale, multifactorial immune networks as a web service	\$192,121
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K22AI127849	Characterization of peptide hormone receptors in mosquito ovaries and their role in mosquito reproduction	\$106,018
2018	EMORY UNIVERSITY	GA	R01AI134244	Innate-adaptive crosstalk in protective and vaccine-induced immunity to TB	\$712,022
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$606,664
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI132125	Meiosis In Cryptococcal Infection	\$257,990
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125738	Multiplex treatment outcomes test for Chagas disease	\$1,071,447
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123383	Molecular Mechanisms for Carbohydrate Presentation to CD4+ T cells by MHCII Pathway	\$375,000
2018	EMORY UNIVERSITY	GA	R01AI136581	Lentivirus Replication Strategy and Pathogenesis	\$386,925

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2018	EMORY UNIVERSITY	GA	R01AI137679	Gut microbiome, enteric infections and child growth across a rural urban gradient	\$754,866
2018	MICROPLEX, INC.	GA	R43AI134543	Novel Diagnostics for Early Lyme Disease	\$297,553
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140399	A Novel Polysaccharide Structure that Mediates Transmission	\$187,500
2018	EMORY UNIVERSITY	GA	R21AI141094	Mechanisms of antigen-specific CD4 T cell dysfunction in HIV/TB co-infection	\$267,750
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140421	Drug Target Validation in Trypanosoma cruzi	\$225,000
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$375,000
2018	EMORY UNIVERSITY	GA	R01AI138783	EpiModel 2.0: Integrated Network Models for HIV/STI Prevention Science	\$799,074
2018	EMORY UNIVERSITY	GA	R21AI135711	Development of simianized mice to study the biology of relapsing malaria parasites	\$263,440
2018	EMORY UNIVERSITY	GA	R01AI132833	HBV Capsid Effectors	\$543,503
2018	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,605,525
2018	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$444,712
2018	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$140,628
2018	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$2,783,692
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$375,000
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$375,000
2018	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$1,964,352
2018	EMORY UNIVERSITY	GA	R01AI116933	Host-induced Initiation of Clostridium difficile Sporulation	\$387,476
2018	EMORY UNIVERSITY	GA	R01AI112723	Understanding disparities in effective HIV treatment and prevention: Involvement+	\$756,782
2018	EMORY UNIVERSITY	GA	R01AI110680	Skin Vaccination Against Influenza in the Young And Aged	\$1,127,696
2018	EMORY UNIVERSITY	GA	F31AI124611	The role of APC's in the establishment of lung tissue resident memory T Cells	\$44,524
2018	EMORY UNIVERSITY	GA	F31AI122926	The Impact of HIV-1 Transmitted/Founder Virus on the Viral Reservoir	\$44,524
2018	EMORY UNIVERSITY	GA	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$753,205
2018	EMORY UNIVERSITY	GA	R01AI128799	Understanding Rectal HIV transmission among At-risk MSM: Age, Intercourse, and Mucosal Injur	\$616,309

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2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI130504	Anti-NET autoantibodies in cystic fibrosis	\$187,500
2018	EMORY UNIVERSITY	GA	F31AI133950	Regulation of 2'-5'-oligoadenylate synthetase 1 (OAS1) by dsRNA	\$44,524
2018	EMORY UNIVERSITY	GA	K08AI132747	Mechanisms of Selective CD28 Blockade on T Follicular Helper Cell-mediated Donor-specific Antibody Responses in Transplantation	\$188,676
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI128195	Role of Clp proteins in the biogenesis of the malaria parasite plastid	\$187,500
2018	EMORY UNIVERSITY	GA	UH3AI122320	Development of Gleevec for TB and TB/HIV	\$1,534,659
2018	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI129477	Zika Virus Vaccines based on Nanoscale Constructs Presenting the Envelope Protein	\$197,684
2018	EMORY UNIVERSITY	GA	F31AI131532	The role of LSD1 in the epigenetic regulation of B cell terminal differentiation	\$44,524
2018	EMORY UNIVERSITY	GA	R21AI130918	High-Resolution Plasma Metabolomic Profiling to Identify Biomarkers for Tuberculosis Disease and Response to Therapy	\$201,669
2018	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R03AI123886	Role of a multigene chromosome insert in pathogenesis of rickettsiae	\$70,000
2018	EMORY UNIVERSITY	GA	R21AI136563	Novel compounds from botanical innovation yields Acinetobacter treatments	\$242,926
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI138784	A rational clustering system for HIV CRFs to assist antiviral and vaccine designs	\$75,000
2018	EMORY UNIVERSITY	GA	R01AI020211	Cytomegalovirus DNA Replication and Inversion	\$386,926
2018	EMORY UNIVERSITY	GA	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$346,310
2018	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$352,555
2018	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$851,495
2018	EMORY UNIVERSITY	GA	R01AI110720	QUANTIFYING THE BALANCE BETWEEN VACCINE-INDUCED T CELL PROTECTION AND PATHOLOGY	\$387,000
2018	EMORY UNIVERSITY	GA	R01AI123126	Integrin-dependent modulation of macrophage function	\$390,000
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$717,148
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI124692	Mechanisms of persistence in Trypanosoma cruzi infection	\$375,000
2018	EMORY UNIVERSITY	GA	R21AI122192	Impact of Alginate Overproduction on P. aeruginosa LPS O Antigen Expression	\$231,205
2018	SPINCEUTICA INC	GA	R44AI129005	Reversing Isoniazid Resistance By Isotopic Substitution	\$601,735
2018	EMORY UNIVERSITY	GA	K22AI130223	IL-1 regulation of group A Streptococcus infection	\$162,000

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2018	EMORY UNIVERSITY	GA	R03AI139871	An Exploratory Study of Anti-Tuberculosis Drug Penetration into Cerebrospinal Fluid	\$90,273
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI140719	Defining the genetic network governing cryptococcal morphological transition	\$462,396
2018	EMORY UNIVERSITY	GA	R01AI139675	Translational Regulation of CD8 T-Cell Immunity - Transfer of R01AI139675 from Emory	\$446,059
2018	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$3,327,667
2018	EMORY UNIVERSITY	GA	R21AI128313	Emergence of ST-11 Neisseria meningitidis as a sexually transmitted pathogen	\$195,000
2018	GEORGIA TECH RESEARCH CORPORATION	GA	U01AI124270	Effect of presentation methods on the molecular mechanism of combinatorial adjuvants	\$847,521
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$311,305
2018	EMORY UNIVERSITY	GA	U19AI109633	CD40L adjuvanted clade C DNA and MVA HIV vaccines	\$1,888,340
2018	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$173,842
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI110098	Human Airway Colonization by Mycoplasma pneumoniae	\$389,125
2018	EMORY UNIVERSITY	GA	R01AI113021	Regulation of PD-1 gene expression	\$386,850
2018	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	\$582,164
2018	EMORY UNIVERSITY	GA	R01AI116379	Immune based interventions for HIV eradication	\$828,064
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125487	Role of African Trypanosome Extracellular Vesicles in Infection and Pathogenesis	\$375,000
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI124189	The Role of Oxidative Epithelial Defenses in Influenza Infection	\$225,000
2018	EMORY UNIVERSITY	GA	R01AI129862	Imaging of Single HIV-1 Uncoating and Transport to the nucleus	\$496,472
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128924	Pathogenesis of Jeilongvirus	\$471,179
2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI117290	A Novel Vaccine for Burkholderia pseudomallei and Burkholderia mallei	\$716,802
2018	EMORY UNIVERSITY	GA	P01AI125180	Plasma Cells in Health and Disease	\$2,027,087
2018	EMORY UNIVERSITY	GA	R01AI138646	The Role of Casual Contact and Migration in XDR TB Transmission in South Africa: a Geospatial, Genomic and Social Network Study	\$780,707
2018	EMORY UNIVERSITY	GA	F31AI136310	Regulation of O antigen in mucoid Pseudomonas aeruginosa	\$44,524
2018	EMORY UNIVERSITY	GA	R01AI139406	Characterization of Genomics and Metabolomics among Individuals Highly-Exposed, but resistant to Mtb Infection	\$725,925

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2018	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI140448	Screening C. elegans mutant strains for new clues about ivermectin and its mode of action	\$187,500
2018	EMORY UNIVERSITY	GA	R38AI140299	Emory R38 Research Training Program	\$344,760
2018	CORPORATION OF MERCER UNIVERSITY	GA	R15AI133473	Whole cell Neisseria gonorrhoeae micro particulate vaccine	\$462,658
2018	EMORY UNIVERSITY	GA	R01AI143414	CD8 T cell suppression of HIV latency establishment and maintenance in virally suppressed individuals	\$390,000
2018	EMORY UNIVERSITY	GA	R01AI141883	Mechanisms of phenotypic antibiotic resistance in Gram-negative bacteria	\$437,629
2018	EMORY UNIVERSITY	GA	U01AI132904	Imaging Costimulation Blockade Resistant Rejection	\$463,942
2018	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$402,672
2018	EMORY UNIVERSITY	GA	K23AI114407	Characterization and modulation of mucosal immunity for HIV prevention in women	\$188,499
2018	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$688,115
2018	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	\$186,162
2018	EMORY UNIVERSITY	GA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$188,676
2018	INHIBIKASE THERAPEUTICS LLC	GA	R44AI103982	Advanced PML antiviral	\$1,000,000
2018	EMORY UNIVERSITY	GA	R01AI118853	Innate activation and death signals in health and disease	\$390,000
2018	EMORY UNIVERSITY	GA	R01AI125064	Antiviral role of CD8+ T cells in ART-treated SIV-infected macaques	\$812,443
2018	EMORY UNIVERSITY	GA	U01AI131566	Determining how macrophages regulate immunity to Zika virus infection at the maternal-fetal interface	\$461,154
2018	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$587,657
2018	GEOVAX INC	GA	R43AI134200	Advanced Preclinical Testing of a Novel Recombinant Vaccine Against Zika Virus	\$300,000
2018	EMORY UNIVERSITY	GA	UM1AI124436	B and T Cell Biology of Protection from and Eradication of SIV/SHIV Infection	\$7,210,333
2018	EMORY UNIVERSITY	GA	R21AI135753	DNA origami based molecular probes for quantitative study on TCR/CD8 binding with pMHCs	\$240,797
2018	EMORY UNIVERSITY	GA	U01AI138909	Selective CD28 Blockade in Renal Transplant Recipients	\$1,135,202
2018	UNIVERSITY OF HAWAII	HI	R01AI110769	Mature virus-like particles as a new strategy for dengue virus vaccines	\$308,000
2018	UNIVERSITY OF HAWAII	HI	R21AI140248	Human 3D testicular organoids as a model to dissect cell-type specific tropism and immune response to Zika virus	\$245,000
2018	UNIVERSITY OF HAWAII	HI	R01AI119185	Defining a Protective Ebola Vaccine in Non-Human Primates	\$522,686

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2018	UNIVERSITY OF HAWAII	HI	R21AI129465	Under attack: Modulation of the blood-testes barrier by Zika virus	\$192,500
2018	UNIVERSITY OF HAWAII	HI	R01AI132323	Preclinical Development of a Thermostable Trivalent Filovirus Vaccine	\$1,224,098
2018	UNIVERSITY OF HAWAII	HI	R21AI135292	Serodiagnostic tests to distinguish Zika virus from other flaviviruses	\$192,500
2018	UNIVERSITY OF HAWAII	HI	R37AI050661	Vibrio fischeri as a Model for Bacterial Colonization	\$523,743
2018	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$385,678
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$382,083
2018	UNIVERSITY OF IOWA	IA	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$375,815
2018	UNIVERSITY OF IOWA	IA	R01AI134692	Enterotoxin-Mediated Development of Staphylococcus aureus Infective Endocarditis	\$586,075
2018	UNIVERSITY OF IOWA	IA	R01AI134733	Modeling Filovirus Infection of and Trafficking through Skin	\$772,250
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$365,944
2018	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$298,681
2018	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$377,500
2018	UNIVERSITY OF IOWA	IA	R01AI127565	Nanovaccine-Mediated Immune Protection Against Influenza Virus	\$470,392
2018	UNIVERSITY OF IOWA	IA	R21AI138051	Role of WASp in Golgi dispersal response to DNA damage in lymphocytes	\$266,875
2018	UNIVERSITY OF IOWA	IA	R01AI112579	Tcf/Lef-b-catenin in T cell identity and cancer	\$381,250
2018	UNIVERSITY OF IOWA	IA	R01AI123107	Molecular regulation of T cell activation signals by TRAF3	\$381,250
2018	UNIVERSITY OF IOWA	IA	R01AI121196	Role of Protein Ubiquitination in Sepsis	\$501,508
2018	UNIVERSITY OF IOWA	IA	R01AI129269	Role of eicosanoids in pathogenic human CoV infections	\$545,235
2018	UNIVERSITY OF IOWA	IA	R21AI130453	Transcriptional Mechanisms Controlling HCMV Infection	\$189,000
2018	UNIVERSITY OF IOWA	IA	R21AI135305	PAS domain and redox regulation of the S. aureus SrrB sensor histidine kinase	\$227,443
2018	UNIVERSITY OF IOWA	IA	R13AI140630	25th Annual Midwest Microbial Pathogenesis Conference	\$7,500
2018	UNIVERSITY OF IOWA	IA	R01AI139874	Ezh2 regulates follicular helper T cell differentiation	\$475,873
2018	UNIVERSITY OF IOWA	IA	R01AI055042	Regulation of Pseudomonas aeruginosa type III secretion	\$355,409
2018	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$225,648

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2018	UNIVERSITY OF IOWA	IA	R01AI133409	Complex haploinsufficiency based genetic analysis of C. albicans pathogenesis	\$517,953
2018	UNIVERSITY OF IOWA	IA	R01AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$475,904
2018	UNIVERSITY OF IOWA	IA	R01AI137075	Linking diet, gut microbiota and autoimmune disease: Bacteria induced phytoestrogen metabolites impact immune function in Experimental Autoimmune Encephalitis	\$381,250
2018	UNIVERSITY OF IOWA	IA	R56AI132352	B cell/T Follicular Helper cell interactions in progression of Leishmaniasis	\$411,744
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI140669	Emerging multidrug resistance mechanisms in Campylobacter	\$617,308
2018	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$101,012
2018	UNIVERSITY OF IOWA	IA	R01AI124093	Balancing protection versus immunopathology by RSV-specific memory CD8 T cells	\$447,448
2018	UNIVERSITY OF IOWA	IA	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$443,735
2018	UNIVERSITY OF IOWA	IA	R01AI132402	Spread and Release of Measles in the Airways	\$533,959
2018	UNIVERSITY OF IOWA	IA	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$502,462
2018	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$449,875
2018	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$378,940
2018	UNIVERSITY OF IOWA	IA	R01AI125446	Development and function of CD4+ memory T cells during malaria	\$381,250
2018	UNIVERSITY OF IOWA	IA	R21AI133155	Regulation of budding during herpesvirus nuclear egress	\$190,625
2018	UNIVERSITY OF IOWA	IA	R01AI116546	Consequences of interactions between human neutrophils and Staphylococcus aureus	\$381,250
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$369,862
2018	UNIVERSITY OF IOWA	IA	K22AI127836	Elucidating cellular and molecular mechanisms regulating SHP1-mediated inflammatory skin disease	\$162,000
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI134838	Induction of broadly neutralizing antibodies against CD4 binding site	\$188,570
2018	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$457,500
2018	UNIVERSITY OF IOWA	IA	F30AI120567	The role of inflammasomes in bacterial co-infection during cutaneous leishmaniasis	\$40,328
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114720	Identification of genetic determinants that condition flaviviral host specificity	\$367,272
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	F32AI124598	Function and Chemotherapeutic Vulnerability of Flatworm Biogenic Amine Receptors	\$0

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2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$588,223
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI127622	Targeting Plasmodium apicoplast DNA replication for the treatment and prevention of malaria	\$195,919
2018	UNIVERSITY OF IOWA	IA	R01AI132335	Determinants of human neutrophil fate after phagocytosis	\$499,883
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI136829	Development of novel immunogens to induce 10E8-like neutralizing antibodies	\$188,469
2018	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$593,838
2018	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$220,450
2018	UNIVERSITY OF IOWA	IA	R01AI121567	Immune Dysregulation During Multiple Sclerosis Relapse	\$732,451
2018	UNIVERSITY OF IOWA	IA	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	\$381,250
2018	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,254,329
2018	UNIVERSITY OF IOWA	IA	R21AI137468	Francisella tularensis reprograms human neutrophils	\$228,750
2018	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI140101	Multimerization of the B cell kinase BTK; a preorganized signaling unit	\$191,042
2018	UNIVERSITY OF IOWA	IA	R21AI139902	Mechanisms and consequences of Plasmodium/Ebola virus co-infections	\$214,143
2018	UNIVERSITY OF IDAHO	ID	R01AI131609	Malaria and allergic inflammatory changes to the gut barrier	\$491,562
2018	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	\$363,870
2018	IDAHO VETERANS RESEARCH & EDUCATION FOUNDATION INC	ID	R03AI135998	Understanding and Integrating the Metabolome, Microbiome, and Innate Immunity in Diabetic Wounds	\$72,916
2018	UNIVERSITY OF IDAHO	ID	R01AI139503	HCMV infection downregulates nidogen 1 and myelin protein zero	\$362,575
2018	NORTHWESTERN UNIVERSITY	IL	R01AI137267	Structure and Function of EBV Protein Complexes that Trigger Epithelial Cell Entry	\$735,750
2018	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	\$395,000
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI116441	EVALUATION OF A LYMPHATIC FILARIASIS VACCINE IN NON-HUMAN PRIMATES	\$485,469
2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI123525	Optimizing the diagnosis of pediatric Clostridium difficile infection	\$190,080
2018	NORTHWESTERN UNIVERSITY	IL	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	\$270,375
2018	NORTHWESTERN UNIVERSITY	IL	R01AI125171	Harnessing MUC16-IgG Interactions to Enhance HIV Vaccine Function	\$577,572
2018	UNIVERSITY OF CHICAGO	IL	R21AI130821	Immunomodulatory roles of lymphatic vessels in allergic airway inflammation	\$202,500

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2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI110586	Commensal Exopolysaccharide Protection from Inflammation	\$408,745
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI129719	Deep mutational scanning of the HIV-1 Env protein and HIV-targeted host chemokine receptors	\$377,748
2018	UNIVERSITY OF CHICAGO	IL	R01AI120715	Regulation of Ig-kappa recombination during B lymphopoiesis	\$461,851
2018	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$2,545,096
2018	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI127635	Identification of preclinical drug candidates for the treatment of schistosomiasis	\$169,545
2018	UNIVERSITY OF CHICAGO	IL	R37AI038339	Transcriptional Regulation of Innate-Like T Cells	\$525,030
2018	NORTHWESTERN UNIVERSITY	IL	R03AI137674	Clinical Evaluation of a New Highly Sensitive Multiplex qPCR for Detecting tuberculosis and Non-tuberculous Mycobacteria	\$81,410
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI135849	Defining the biology and public health risk of HBV Genotype E	\$227,375
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI139009	Viral and Cellular Determinants of HIV-1 Nuclear Import Kinetics	\$189,792
2018	NORTHWESTERN UNIVERSITY	IL	R21AI140029	Identifying Kawasaki Disease-Specific Antibodies and Antigens	\$251,484
2018	NORTHWESTERN UNIVERSITY	IL	R21AI132848	T regulatory cell responses during viral infection	\$237,000
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI139768	A small molecule inhibitor of HSV genital infections	\$399,750
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120994	Staphylococcus aureus Survival During Nutrient Restriction and Suppression of Host Immunity	\$364,666
2018	UNIVERSITY OF CHICAGO	IL	R01AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$389,432
2018	NORTHWESTERN UNIVERSITY	IL	U19AI135964	Successful Clinical Response In Pneumonia Therapy (SCRIPT) Systems Biology Center	\$2,400,000
2018	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$389,432
2018	UNIVERSITY OF CHICAGO	IL	F30AI124636	Modeling the Dynamics of Human Papillomavirus to Inform Vaccination Strategy	\$49,524
2018	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$383,086
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$543,413
2018	UNIVERSITY OF CHICAGO	IL	R01AI136056	Next-Generation Phylodynamics-targeted Partner Service Models for Combined HIV Prevention	\$817,933
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	\$49,524
2018	UNIVERSITY OF CHICAGO	IL	R01AI115471	Gamma Delta T cell surveillance of metabolites as signals of cellular stress	\$389,432
2018	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$622,872
2018	NORTHWESTERN UNIVERSITY	IL	R01AI127783	Hormones in allergic disease	\$392,559

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2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121286	Chromatin infrastructure of the Igh locus and its influence on VH gene usage	\$840,588
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T35AI125220	Summer Research Experience for Medical Students in Inflammation and Infectious Diseases	\$61,612
2018	NORTHWESTERN UNIVERSITY	IL	F30AI131937	Role of mTOR in inflammatory monocytes in HIV infection	\$39,277
2018	UNIVERSITY OF CHICAGO	IL	R01AI127518	Novel antiviral activity of interferon-gamma against viral replication complex	\$399,048
2018	UNIVERSITY OF CHICAGO	IL	R01AI127411	Host's and microbiota's contribution to sexual dimorphism of autoimmunity	\$545,958
2018	UNIVERSITY OF CHICAGO	IL	R01AI117535	New retroviral restriction factor	\$637,751
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI131168	Helicobacter pylori and Neuroinflammation	\$228,382
2018	UNIVERSITY OF CHICAGO	IL	R01AI127774	Flavivirus NS3-mediated Innate Immune Escape	\$524,864
2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R21AI135702	US Prevalence, Distribution and Determinants of Adult and Childhood Food Allergy	\$203,739
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133557	Innate and Adaptive Responses to HSV-2 Conjugated ZOTEN	\$239,850
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI134010	Elucidating Rgg-mediated quorum sensing networks in Streptococcus pneumoniae and their contributions in pathogenesis	\$39,417
2018	NORTHWESTERN UNIVERSITY	IL	R01AI141083	The role of non-classical MHC class I molecules in immune responses to Mycobacterium tuberculosis infection	\$567,351
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI140254	Antigen-independent antibody diversification in GALT of young children	\$222,117
2018	ILLINOIS STATE UNIVERSITY	IL	R15AI140118	Nature of systemic and mucosal B cell function in reptiles	\$432,245
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI136359	A quorum-sensing-regulated protein controls cell surface alteration in S. pyogenes	\$49,524
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI139246	The effects of influenza virus genomic heterogeneity on replication dynamics and the host response	\$391,194
2018	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$389,432
2018	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$491,109
2018	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$345,399
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$508,709
2018	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$1,491,481
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI121806	Paratransgenic sand flies	\$222,981
2018	UNIVERSITY OF CHICAGO	IL	R01AI125644	IRF4+ respiratory dendritic cells in type 2 inflammatory responses	\$399,048

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2018	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UG3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	\$790,046
2018	NORTHWESTERN UNIVERSITY	IL	P01AI131346	Pathogenesis of Rebound SIV/HIV Viremia after Antiretroviral Therapy	\$1,633,176
2018	UNIVERSITY OF CHICAGO	IL	F30AI138156	Silicon nanowires for probing effects of membrane voltage on the TCR-CD3 complex	\$49,524
2018	NORTHWESTERN UNIVERSITY	IL	U19AI136443	Using siglecs and their ligands to treat allergic diseases SALTAD	\$1,556,002
2018	NORTHWESTERN UNIVERSITY	IL	R21AI135827	Novel Proteoform Biomarkers of Acute Rejection in Liver Transplant Recipients	\$228,104
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI133250	Development of a hepatitis C virus vaccine using papillomavirus-like particles for antigen delivery	\$182,975
2018	UNIVERSITY OF CHICAGO	IL	R21AI140152	Macrophage m6A mRNA Methylation in Sepsis	\$202,500
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI130562	A fever diagnostic panel using multiplexed smartphone spectroscopy and a simplified platform for rapid sandwich immunoassays	\$219,575
2018	NORTHWESTERN UNIVERSITY	IL	R01AI140702	CARD-only protein regulation of cytosolic Pattern Recognition Receptor signaling	\$537,938
2018	UNIVERSITY OF CHICAGO	IL	R01AI127775	ENDOTHELIAL CELL TROPISM IN THE PATHOGENESIS AND HOST RESPONSE AGAINST INFLUENZA VIRUSES - RESUBMISSION 01	\$580,820
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI135917	Uncovering the mechanism of immune evasion by species F adenoviruses	\$239,850
2018	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI110783	Role of neutrophils and elastase in melioidosis	\$387,242
2018	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$410,572
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$191,544
2018	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$457,664
2018	NORTHWESTERN UNIVERSITY	IL	R01AI127456	Poxvirus manipulation of the host cell protein synthesis machinery	\$419,354
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery	\$423,432
2018	NORTHWESTERN UNIVERSITY	IL	R01AI105839	Regulation of food allergy and anaphylaxis by IL 33	\$386,250
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$398,750
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI136773	Predictive Guidelines for Penetrance and Discovery of Broad-Spectrum Antibiotics	\$1,436,141
2018	NORTHWESTERN UNIVERSITY	IL	R21AI123462	The non-canonical role of the CRISPR Cas2 nuclease in infection by Legionella pneumophila	\$189,227
2018	NORTHWESTERN UNIVERSITY	IL	U01AI131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	\$537,913

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2018	NORTHWESTERN UNIVERSITY	IL	R21AI131035	Development of Lipid-based Nanoparticle Vaccines Against Mycobacterium tuberculosis	\$194,594
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125518	Context-specific action of antibiotics targeting the catalytic center of the bacterial ribosome	\$399,750
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI137584	Structural basis of Erm-mediated macrolide resistance	\$239,850
2018	NORTHWESTERN UNIVERSITY	IL	R01AI137174	Initiators, biomarkers and mechanisms of epithelial dysfunction and immune pathogenesis in chronic rhinosinusitis and aspirin exacerbated respiratory disease (AERD)	\$643,237
2018	NORTHWESTERN UNIVERSITY	IL	R21AI131087	A Master Role of Symmetric Arginine Dimethylation in Lupus Autoantibody Response	\$237,000
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI135812	Development of non-toxic amphotericin B derivatives targeting invasive fungal infections	\$801,630
2018	UNIVERSITY OF CHICAGO	IL	R56AI134923	Mechanisms by which commensal dysbiosis drives allergic responses to food	\$405,000
2018	ILLINOIS STATE UNIVERSITY	IL	R21AI135351	Impact of unsaturated fatty acids on S. aureus membrane properties.	\$189,445
2018	UNIVERSITY OF CHICAGO	IL	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$447,307
2018	UNIVERSITY OF CHICAGO	IL	R01AI126756	Biochemical and cellular analysis of regulatory T cells reactive to a natural self antigen	\$650,415
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$399,750
2018	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$484,709
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F32AI129363	Development of a Novel Class of Antibiotics with Activity Against Gram-Negative and Gram-Positive Pathogens	\$59,038
2018	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$386,250
2018	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$228,454
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125401	Developmental regulation of HBV biosynthesis by FoxA and DNA methylation	\$399,750
2018	UNIVERSITY OF CHICAGO	IL	R01AI123396	Mechanisms of E protein transcription factor-dependent iNKT cell expansion and differentiation	\$399,048
2018	NORTHWESTERN UNIVERSITY	IL	R21AI125968	Defining the Siderophore of Stenotrophomonas maltophilia, an Emerging, Multi-Drug Resistant Pathogen	\$189,196
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133304	Confined Genetic Transformation and Exchange of Antibiotic Resistance Genes in Femtoliter Microdroplets	\$192,577
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI118880	Overcoming nutritional immunity: Staphylococcal adaptation to host-imposed manganese and zinc starvation	\$373,843

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2018	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI133062	Characterization of "serosal bridges": routes for antigen and pathogen transport from the female reproductive tract to the intestines.	\$184,375
2018	TALIS BIOMEDICAL CORPORATION	IL	R01AI139005	Diagnostics via Rapid Enrichment, Identification, and Phenotypic Antibiotic Susceptibility Testing of Pathogens from Blood.	\$1,251,580
2018	UNIVERSITY OF CHICAGO	IL	F32AI140643	Staphylococcus aureus type VII secretion mediated immune evasion	\$58,654
2018	UNIVERSITY OF CHICAGO	IL	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$500,000
2018	NORTHWESTERN UNIVERSITY	IL	R01AI118257	Accessory Virulence Factors of Pseudomonas aeruginosa	\$449,197
2018	NORTHWESTERN UNIVERSITY	IL	R01AI120625	Molecular Regulation of Systemic Inflammation	\$386,250
2018	UNIVERSITY OF CHICAGO	IL	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$389,432
2018	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI123381	Characterizing the targets of phagocytic superoxide in Salmonella	\$375,170
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$399,750
2018	UNIVERSITY OF CHICAGO	IL	R01AI107159	Molecular mechanism of general stress signaling in Brucella abortus	\$439,768
2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$617,337
2018	NORTHWESTERN UNIVERSITY	IL	UM1AI120184	Sustained Long Acting Prevention Against HIV Program Operation	\$3,501,400
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120956	Defining the microtubule motors which drive the uncoating and trafficking of HIV	\$310,504
2018	NORTHWESTERN UNIVERSITY	IL	P30AI117943	Third Coast Center for AIDS Research	\$2,189,210
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI128228	Mechanism and structure of a novel activator of an alternative Sigma factor regulating competence	\$75,953
2018	UNIVERSITY OF CHICAGO	IL	R21AI128785	BRWD1 in adaptive humoral immunity	\$202,500
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$715,409
2018	UNIVERSITY OF CHICAGO	IL	R37AI069227	Surface Proteins of Bacillus anthracis	\$405,000
2018	NORTHWESTERN UNIVERSITY	IL	R37AI094595	Identification of the Initial Targets of Transmission	\$801,430
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K99AI128029	Characterization of pneumococcal secretion chaperones required for virulence	\$125,442
2018	NORTHWESTERN UNIVERSITY	IL	R21AI131179	Elucidating a novel regulator of inflammation: the TLR4-Inhibitory Complex (TIC)	\$189,027
2018	UNIVERSITY OF CHICAGO	IL	R21AI137776	Site-specific Proteolysis of the Legionella Type IV Secretion System	\$243,000

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2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI130790	Establishment of a human enteroid model of cryptosporidiosis	\$239,850
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI137865	Deciphering high resolution Igh chromatin topologies and impacts on Ig repertoire	\$232,971
2018	NORTHWESTERN UNIVERSITY	IL	R01AI139054	Siderophores of Legionella pneumophila	\$447,861
2018	UNIVERSITY OF CHICAGO	IL	R01AI142844	A neonatal mouse model to study retrovirus-specific humoral responses	\$463,156
2018	NORTHWESTERN UNIVERSITY	IL	F30AI129237	Phenotypic and functional plasticity of mast cells in homeostasis and allergy	\$39,043
2018	NORTHWESTERN UNIVERSITY	IL	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	\$544,184
2018	UNIVERSITY OF CHICAGO	IL	U01AI125250	Specificity of Intestinal Immunoglobulin A	\$489,241
2018	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$542,574
2018	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$263,335
2018	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,735,923
2018	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$156,780
2018	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	\$191,412
2018	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R15AI109566	Unraveling the role of protein phosphorylation in the regulation of development in Chlamydia trachomatis	\$482,904
2018	UNIVERSITY OF CHICAGO	IL	R01AI108682	How beta-catenin expands Foxp3+RORgammat+ Pro-inflammatory T-regulatory cells	\$395,542
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI122925	Photonic Crystal Based Point-of-Care Detection of HIV Viral Load Using a Smartphone Biosensor	\$44,524
2018	UNIVERSITY OF CHICAGO	IL	F30AI124476	Specificity of Intestinal Immunoglobulin A	\$49,524
2018	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,561,058
2018	UNIVERSITY OF CHICAGO	IL	R21AI128469	RNA methylation and regulatory T cells	\$202,500
2018	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$83,531
2018	UNIVERSITY OF CHICAGO	IL	R01AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$389,432
2018	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	R01AI122308	Feasibility of an Ingestible Sensor System to Measure PrEP Adherence in YMSM	\$423,781
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133050	Analysis of Mbd4 function during the generation of Ig diversity	\$199,875
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI114467	Understanding ERAP molecular mechanism of MHC I antigen processing	\$399,750
2018	NORTHWESTERN UNIVERSITY	IL	R21AI129167	Biomarkers for Highly Virulent Pseudomonas aeruginosa Strains	\$337,989

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2018	UNIVERSITY OF CHICAGO	IL	R21AI133361	Novel innate immune sensing mechanisms of intracellular RNA	\$243,000
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121275	Role of DNA sensors in host anti-retroviral defense	\$392,454
2018	NORTHWESTERN UNIVERSITY	IL	R01AI128292	Distinct mast cell responses in male and female SJL mice underlie sex dimorphic EAE susceptibility	\$498,901
2018	UNIVERSITY OF CHICAGO	IL	F30AI136318	Role of post-transcriptional RNA modification 2'OMe in viral infection	\$49,524
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI140132	Microbe-driven Development of GALT	\$455,340
2018	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R15AI130988	Engineering Colicins to Control Antibiotic-Tolerant Bacteria	\$437,112
2018	UNIVERSITY OF CHICAGO	IL	F30AI126791	Niche Establishment by Bacteroides fragilis - Resubmission 01	\$49,524
2018	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$375,899
2018	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$531,387
2018	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,587,600
2018	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$389,432
2018	UNIVERSITY OF CHICAGO	IL	F30AI110036	Assembly of the envelope of Bacillus anthracis vegetative forms	\$27,574
2018	UNIVERSITY OF CHICAGO	IL	R01AI120700	Accelerating PrEP Diffusion through Network Change Agents	\$326,605
2018	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI114688	Genomic Epidemiology of Methicillin-Resistant Staphylococcus aureus in Jail	\$376,650
2018	NORTHWESTERN UNIVERSITY	IL	R03AI125813	Diverse Functions of p38 γ MAPK in T Helper Differentiation	\$79,000
2018	NORTHWESTERN UNIVERSITY	IL	R01AI125366	REDD1 dissociates the therapeutic and adverse effects of glucocorticoids in skin	\$475,716
2018	NORTHWESTERN UNIVERSITY	IL	R01AI130348	Food Allergy Outcomes Related to White and African American Racial Differences (FORWARD)	\$1,131,659
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI128171	Heparanase in Herpes Simplex Virus Pathogenesis and Disease	\$199,875
2018	NORTHWESTERN UNIVERSITY	IL	R21AI133984	Regulation of HPV Replication by Sirtuin Deacetylases	\$237,000
2018	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI126308	Constructing Ensembles of 3D Structures of Igh Locus and Predicting Novel Chromosomal Interactions	\$190,144
2018	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI130763	Regulation of intestinal microbiota by B1 B cells during lung infection	\$195,000
2018	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI138138	Study the role of hnRNP I in downregulating TLR signaling and inducing intestinal epithelial immune tolerance	\$75,210

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2018	NORTHWESTERN UNIVERSITY	IL	R01AI134952	Autoantibody mediated pathogenesis in chronic rhinosinusitis with nasal polyps: mechanisms and consequences	\$395,000
2018	NORTHWESTERN UNIVERSITY	IL	F32AI140566	Uncovering the mechanism of how poxviruses hijack the host translational machinery to promote infection	\$58,654
2018	NORTHWESTERN UNIVERSITY	IL	K22AI136691	The Influence of Early Integration Events on HIV Latency and Reactivation Potential	\$160,800
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$530,758
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$422,282
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123457	Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	\$579,059
2018	PURDUE UNIVERSITY	IN	R01AI123037	Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline	\$715,933
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$390,000
2018	MIRAVISTA DIAGNOSTICS, LLC	IN	R43AI131868	Improved Method for the Rapid Diagnosis of Coccidioidomycosis	\$282,312
2018	UNIVERSITY OF NOTRE DAME	IN	R37AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$466,899
2018	PURDUE UNIVERSITY	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$364,796
2018	UNIVERSITY OF NOTRE DAME	IN	R21AI139881	Exosomes as carriers of mycobacterial RNA: Novel mechanism of immune regulation	\$231,750
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134727	The Role of the Skin Microbiome in Cutaneous Ulcers in Children in the Tropics	\$704,776
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI129241	Th9 cells in immediate hypersensitivity	\$393,750
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI114435	The HIV Care Continuum Among Recent Offenders	\$464,646
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI131072	Genetic Engineering of the rotavirus genome through a fully recombinant reverse gene	\$146,784
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI126643	Characterizing the Role of Specific Host Lipids during Reovirus Cell Entry	\$64,034
2018	PURDUE UNIVERSITY	IN	R01AI135045	Schistosoma Mansoni Infection During Pregnancy: Dissecting the Implications to Fetal Immunity	\$473,169
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI138283	Extending the scope of PLX-R18 for H-ARS: efficacy in special populations and DEARE	\$528,607
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI138430	Investigation of the essential, conserved RodZ protein in peptidoglycan synthesis in the ovococcal pathogen, Streptococcus pneumoniae	\$44,524
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI136904	Development of Antibiotic Adjuvants for Gram-Negative Bacteria	\$794,128
2018	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$481,534

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2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$201,409
2018	PURDUE UNIVERSITY	IN	R01AI114814	Emerging virus-host cell protein interaction networks	\$734,925
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI130751	Decoupling Receptor Clusters and Signaling Crosstalk in Phagosome Membranes	\$72,480
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI139992	Coxiella survival mechanisms in the acidic intracellular niche	\$247,250
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI137918	Type IV Secretion in an Obligate Symbiont	\$208,883
2018	PURDUE UNIVERSITY	IN	R01AI130186	Repurposing auranofin and ebselen for treatment of multidrug resistant pathogens	\$447,761
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116706	The role of the urethral microbiome in idiopathic urethritis in men	\$716,614
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$226,827
2018	PURDUE UNIVERSITY	IN	R01AI111095	HBGA receptors in host cell entry and infection of norovirus	\$485,604
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI124723	Translational control during stage conversion of Toxoplasma, an opportunistic infection of HIV/AIDS	\$390,875
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$719,538
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI125360	Empowering functional genomics of An. gambiae through inversion genotyping	\$501,854
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI125682	Defining clinical and sterile immunity to Plasmodium falciparum infection using systems biology approaches	\$185,224
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI128116	Development of Yeast Interfering RNA Larvicides Targeting Aedes aegypti	\$195,034
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121849	Determining the mechanism of Wolbachia pathogen blocking	\$230,164
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI138255	Prostate pathogenesis during Toxoplasma gondii infection	\$234,528
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI139176	Coxiella manipulation of cholesterol in the intracellular niche	\$429,099
2018	PURDUE UNIVERSITY	IN	R01AI136995	SET Domain Epigenetic Factors Govern Antifungal Drug Efficacy and Fungal Pathogenesis	\$410,246
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI051390	Immunology of factor IX gene transfer to liver	\$229,372
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$463,320
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$400,630
2018	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$638,825
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI118933	Multimode Observation of Virus Capsid Assembly	\$382,886
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$344,200

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2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132463	Cytoskeletal machinery driving invasion by the human pathogen, <i>Toxoplasma gondii</i> .	\$413,585
2018	PURDUE UNIVERSITY	IN	R21AI139950	A New Targeting Approach to Inhibit Budding of the Ebola Virus	\$201,524
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i>	\$518,582
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,594,729
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	\$393,750
2018	PURDUE UNIVERSITY	IN	R21AI128134	Novel Type IV Effectors from <i>Helicobacter Pylori</i>	\$182,239
2018	PURDUE UNIVERSITY	IN	R01AI127465	Effector-mediated Ubiquitin Manipulation in <i>Legionella Pneumophila</i> Pathogenesis	\$392,120
2018	UNIVERSITY OF NOTRE DAME	IN	P01AI127338	Harnessing the power of experimental genetic crosses and systems genetics to probe drug resistance in malaria	\$2,342,378
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132771	The control of allergic immune responses by follicular regulatory T cells	\$534,200
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$477,223
2018	PURDUE UNIVERSITY	IN	R03AI130609	Investigation of VP40 mutations found in previous outbreaks on the assembly and budding of filoviruses	\$78,169
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI129543	Building better T cell receptors for targeted immunotherapy	\$776,821
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120962	Antibacterial activity of peptidoglycan recognition proteins	\$390,000
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123271	Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors	\$392,250
2018	PURDUE UNIVERSITY	IN	R61AI140474	Smartphone-based diagnostic for HIV self-testing	\$394,761
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH3AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	\$170,069
2018	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$385,429
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116496	The GCN5b acetylation complex in the AIDS pathogen <i>Toxoplasma</i>	\$385,800
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI117835	Targeting latently infected Tfh cells to achieving a functional cure of HIV-1	\$385,962
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI114668	Resistance to Carbapenem Antibiotics in <i>Acinetobacter baumannii</i>	\$540,927
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI135356	Identification of regulatory elements in the II9 gene	\$78,750
2018	UNIVERSITY OF NOTRE DAME	IN	R01AI116548	The quinazolinone class of antibacterial agents	\$602,009
2018	PURDUE UNIVERSITY	IN	R01AI132681	Combating Deadly Gram-negative Lung Infections: An Inhalation and Systems Approach	\$614,336
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	K23AI135094	Upper Airway Microbial Development During the First Year of Life	\$182,967
2018	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI134818	The Role of HBeAg in HBV Persistence	\$418,840

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2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI136525	Development of a next generation vaccine to prevent pertussis	\$227,250
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R03AI135762	Regulatory mechanisms controlling TcdE production in Clostridium difficile	\$76,000
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI128406	Selective translation conferred by the poly(A) leader of vaccinia virus mRNAs	\$225,000
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI135701	Improved Informatics for Epitope Mapping by Hydrogen Exchange-Mass Spectrometry	\$243,366
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121906	Evolution and biology of Influenza B viruses in pigs	\$180,759
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associated diarrhea	\$406,970
2018	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI139572	Human bocavirus 1 (HBoV1) capsid entry and intracellular trafficking of polarized human airway epithelium	\$242,563
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI139154	The causes of balancing selection on immunity genes: from populations to molecular interactions.	\$391,218
2018	HAFION LLC	KS	R43AI140856	Determination of protective efficacy of multimeric Shigella vaccine as the next step toward human trials	\$178,033
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI117424	The role of peptide signaling in Enterococcus faecalis biofilm development	\$184,466
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI134768	Biology and infection of bats with novel bat influenza viruses	\$423,172
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI138970	Vaccines to counter emerging antibiotic resistance	\$1,398,346
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127973	Functions of Translocated Bacterial Glycosyltransferases	\$225,000
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127895	Determining the role of Interleukin-17 in the Immune Response to Respiratory Syncytial Virus Infection	\$228,000
2018	PITTSBURG STATE UNIVERSITY	KS	R03AI132832	"Magnetic Resonance Nanosensors for the Rapid Diagnosis of Influenza and Investigation of Viral Binding and Fusion Mechanisms"	\$69,114
2018	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI121073	Mechanistic control of metabolism and virulence by fatty acid kinase in MRSA	\$382,500
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R15AI131148	Establish a pregnant sow model for assessment of influenza vaccine safety and efficacy during pregnancy	\$456,000
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI140760	The protease network that regulates innate immunity in mosquitoes	\$570,408
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125093	Generating Native Env Glycosylation in HIV Vaccine Candidates	\$671,763
2018	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI130613	Molecular bases of human parvovirus B19 entry	\$191,250

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2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI130092	Small Molecule Protease Inhibitors against MERS-CoV	\$775,916
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI123351	Assembly/function of the sorting platform of the Shigella type III secretion apparatus	\$444,869
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI133367	Classical Complement Pathway Evasion Mechanisms of Lyme Disease Spirochetes	\$187,896
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI140701	Development of a broadly protective subunit vaccine against Pseudomonas aeruginosa	\$189,375
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI135457	Discovery of GPCR-targeted insecticides for malaria mosquito control	\$240,576
2018	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$364,704
2018	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI109039	Norovirus 3CL Protease-Based Anti-norovirus Therapeutics	\$734,295
2018	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	U01AI138323	Progenitor cell based therapy to mitigate radiation induced gastro intestinal syndrome	\$505,948
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$450,070
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$373,332
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI135225	Zinc acquisition in Yersinia pestis	\$248,184
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	T32AI132146	Inflammation and Pathogenesis Training Program	\$68,676
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI137020	Rules for penetrating the Gram-negative bacterial envelope	\$565,371
2018	FASCURE THERAPEUTICS LLC	KY	R43AI136151	Exploiting activation-induced cell death as a means of inducing tolerance to kidney allografts	\$224,999
2018	THERAPYX INC	KY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI135345	HDAC6 regulation of beta-catenin and endothelial adherens junctions in sepsis	\$229,500
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI133056	Borrelia burgdorferi responses to antibiotic stresses	\$76,500
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R15AI135924	Big data in acute renal rejection	\$454,648
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI140758	Mechanisms of actin cytoskeleton modulation by Pneumoviruses	\$629,750
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI119022	Structure and mechanism of the ESX secretion system from pathogenic mycobacteria	\$376,250
2018	ENEPRET INCORPORATED	KY	R41AI141060	Evaluating Synthetic Biology Produced Triterpene Oils in Adjuvant Formulations	\$224,703
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI140195	Innate immunity and inflammatory response of macrophages to Legionella infection	\$382,794

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	MOSQUITOMATE INC	KY	R44AI112048	Phase II: Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$671,951
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI120244	Molecular and Cellular Pathogenesis of Legionella	\$375,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI134323	Effector molecules for IFN-gamma-mediated prevention of Toxoplasma proliferation in the brain	\$191,250
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI131427	RNAi methods for Zika virus vector control	\$175,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI136821	Gender-dependent innate IL-10 production as a key pathogenic factor to promote toxoplasmic encephalitis	\$191,250
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R24AI138963	An ethnically diverse genomic reference resource for the human heavy and light chain immunoglobulin loci	\$415,871
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI135021	Biogenesis and Function of Lancefield Group A Carbohydrate Expressed by Streptococcus Pyogenes	\$392,687
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$544,540
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI123486	Role of the gut microbiota in shaping severity of malaria	\$504,268
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI130756	Innate immune mechanisms regulating silicosis	\$231,000
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI118814	Lead Optimization of ML336, a Potent VEEV Inhibitor	\$655,453
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI129382	Autumn Immunology Conference	\$9,000
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$2,242,842
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI128818	Regulation of dermal gammadelta T cells by microbial pathogens/commensals in health and psoriasis	\$197,488
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U01AI132817	Targeted delivery of immunomodulatory biologics for induction of immune privilege to allogeneic pancreatic islet grafts	\$388,154
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI135592	Function and Stability of Expanded Regulatory T cells in Obese Renal Transplant Candidates	\$76,500
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI132410	Role of Intracellular Growth in Dissemination of Listeria from the Gut	\$473,307
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$338,626
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	U01AI123832	Role of TRPV1 in asthma exacerbation	\$301,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI130437	Exploring neurotropism in a food borne model of listeriosis	\$225,750
2018	THERAPYX INC	KY	R44AI115877	Experimental Gonococcal Vaccine	\$988,631

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2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI127970	Mechanisms of successful vaccine adjuvants	\$385,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI128862	Biosynthesis and medicinal chemistry of the capuramycin antimycobacterial antibiotics	\$200,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI139956	Post-transcriptional regulation in Borrelia burgdorferi by the BpuR RNA-binding protein	\$239,013
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI137324	Immunomodulatory mechanisms of E-FABP in psoriasis pathogenesis	\$385,000
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F30AI114194	Elucidating binding, fusion and entry of HMPV in cell culture and host tissue	\$25,674
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$440,208
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI129959	Enhanced diagnostic assessment in lupus using differential scanning calorimetry	\$347,567
2018	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI129522	Pathogenesis of Borrelia mayonii infection	\$184,666
2018	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI128206	Intestinal epithelial cells-derived exosomal miRNAs regulate liver inflammation in obesity	\$192,500
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$476,882
2018	Louisiana State University System	LA	R01AI118860	Consequences of vaginal microbiota on IFN γ -mediated clearance of Chlamydia trachomatis	\$600,550
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R13AI138536	Rickettsial Genetic manipulation: thinking out of the box	\$7,000
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI140840	Role of Lipid Antigen-Specific T Cells in the Anti-mycobacterial Immune Response of BCG/SIV Infected Macaques	\$274,455
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI138587	SigH based attenuated, efficacious Mtb vaccines to protect against lethal TB	\$837,967
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	\$323,030
2018	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$479,335
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI125542	The Role of STa in ETEC Pathogenesis	\$376,250
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI140500	Innate Immunity in Lung Infection-induced Sepsis	\$585,488
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI133681	Role of Lung Mesenchymal Stem Cells in Pneumonia-induced Sepsis	\$222,000
2018	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,500
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$366,302
2018	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R03AI121446	Functional Domains of the Epstein-Barr Virus Fusion Protein Glycoprotein B	\$72,500

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2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI128130	Role of IDO in tryptophan pathway during Mycobacterial Tuberculosis infection	\$190,594
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134240	Immune Correlates of Protection from TB	\$1,301,322
2018	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$365,000
2018	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$683,976
2018	Louisiana State University System	LA	R13AI136447	South Central Medical Mycology Meeting 2017	\$6,000
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	\$822,232
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110158	Modified CMV-specific T cells to Target HIV	\$498,745
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI130672	Large farm and small companion animal intestinal organoids as platforms for parasite enteric development	\$185,000
2018	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI139288	Whole body to single cell analysis of the HIV reservoir	\$758,619
2018	LOUISIANA ST UNIV, PENNINGTON BIOMEDICAL RES CTR	LA	R21AI138136	A Unique Receptor Agonist Approach for Type 1 Diabetes Prevention	\$242,479
2018	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R41AI138722	Double Chimeric Peptide Vaccine Feasible for Human Use that Protects against Disseminated Candidiasis caused by medically important Candida species	\$224,645
2018	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI116851	Roles of the UL148 glycoprotein in human cytomegalovirus cell tropism	\$362,500
2018	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI118904	ThThe Role of Epithelial-Stromal Communication in the Human Papillomavirus Type 16 Life Cycle	\$362,500
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123029	Effect of immunization route and prior immunity for a live attenuated varicella AIDS vaccine	\$799,482
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI131433	Testing novel microbicide candidates in sustained release formulations	\$644,378
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI138701	Focused characterization of non-canonical T cells against SIV	\$255,000
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	\$370,000
2018	TULANE UNIVERSITY OF LOUISIANA	LA	U19AI115589	International Collaboration in Infectious Disease Research on Lassa fever	\$857,925
2018	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$1,056,530
2018	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	\$533,327
2018	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132223	Preclinical evaluation of a potent Lassa fever immunotherapeutic antibody cocktail	\$1,116,401
2018	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI114697	Development of Novel Adjuvants LTA and LTA1	\$376,250

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2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI113720	Neutrophil Function in Bacterial Pneumonia	\$369,629
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI136100	Genetically Modified Gamma Delta T Cells to Target SIV Reservoirs	\$230,928
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI137822	GCN2 signaling in pathogenic and regulatory T cell development in allergic airway inflammation	\$222,000
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$370,000
2018	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI106676	Epstein Barr virus antisense transcription	\$376,250
2018	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	\$856,545
2018	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132244	Structure-based design of novel Lassa virus glycoproteins for vaccine development	\$1,208,740
2018	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI134245	Host-Directed Therapy to Augment anti-M. tuberculosis Responses in the Setting of HIV Co-infection and to Sterilize the Tuberculoma	\$640,007
2018	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$188,863
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$698,494
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$784,976
2018	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,540,479
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI110165	Killing the Reservoir with Antibodies	\$468,302
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$1,673,172
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$732,206
2018	TUFTS UNIVERSITY	MA	R01AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$487,177
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111860	T-cell-mediated targeting of therapeutics to HIV reservoirs	\$422,887
2018	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$2,375,202
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$83,403
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI029873	Molecular Biology of HIV-Gag Proteins	\$373,598
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$442,500
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$442,500
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	\$435,000

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2018	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$5,496,338
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$200,880
2018	TUFTS UNIVERSITY	MA	R01AI109048	Role of Listeria CodY in Integrating Metabolism and Virulence	\$573,134
2018	BRANDEIS UNIVERSITY	MA	R01AI122802	Unraveling the polymodal behavior of sensory transduction receptors	\$454,063
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114495	Elucidation of the role of 2 novel cross presentation genes	\$418,750
2018	BETH ISRAEL HOSPITAL	MA	R01AI116596	Ultrasensitive C.difficile toxin measurement for diagnosis and outcome prediction	\$813,471
2018	BETH ISRAEL HOSPITAL	MA	UM1AI124377	Consortia for Innovative AIDS Research in Nonhuman Primates	\$9,472,469
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127263	SERINCs and Nef Function	\$418,750
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI125322	MR1 and MAIT Cell Function in Intestinal Infection	\$621,741
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI116228	Targeting HIV-1 persistence with Interferon-a	\$513,000
2018	TUFTS UNIVERSITY	MA	R21AI128328	Identification of the Achilles? heel in Acinetobacter fluoroquinolone-resistant mutants	\$247,500
2018	BROAD INSTITUTE INC	MA	F32AI129249	Systematic Mapping of the Functional Common Noncoding Variants in the TNFAIP3 Locus	\$61,174
2018	TUFTS UNIVERSITY	MA	R01AI055058	Impact of Bacteriophages on Virulence and Transmission of Vibrio cholerae	\$412,500
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$789,780
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124378	CDRH3-independent B cell stimulation to selectively expand VRC01 lineages from a fully humanized immunoglobulin repertoire	\$450,370
2018	Trustees Of Boston University	MA	R01AI113927	Rapid molecular diagnostic for chlamydia and gonorrhea at the point-of-care	\$409,386
2018	NORTHEASTERN UNIVERSITY	MA	U24AI118665	Automated Patient-Specific Dendritic Cell Generation for Transcriptomics-Driven Vaccinology	\$377,123
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127236	Evaluating Portfolio Interventions for HIV Incidence Reduction in the United States: Development of a Novel Agent-Based Decision-Analytic Model for Dynamic Evaluations of Interventions	\$305,914
2018	UNIVERSITY OF MASSACHUSETTS	MA	R33AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$467,677
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI129207	The Role of the Nuclear Envelope in Antiviral Signaling and HSV-1 Restriction	\$32,104
2018	Trustees Of Boston University	MA	R21AI134576	Placental Defenses against Zika Virus Infection	\$212,711
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128547	Bacterial inhibition of Pypin inflammasome activation	\$209,375

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2018	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI134019	Specialized Pro-Resolving Mediators in the Resolution of Respiratory Viral Infection	\$72,286
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI132981	Inhibitor class dependent consequences of prolyl-tRNA synthetase inhibition in Plasmodium falciparum	\$213,750
2018	Trustees Of Boston University	MA	U19AI117892	Modeling affinity maturation at molecular resolution	\$2,524,199
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI130019	Pain and Neuro-immune Signaling in S. pyogenes pathogenesis	\$638,737
2018	BOSTON MEDICAL CENTER	MA	R01AI130199	The Role of Interferon Regulatory Factor 5 in the Pathogenesis of SLE	\$519,976
2018	BETH ISRAEL HOSPITAL	MA	F32AI124590	Identification and Characterization of Novel Antimicrobial Adjunctives to Restore Susceptibility to Carbapenem Resistant Enterobacteriaceae	\$61,174
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI135720	Optimization and preclinical development of a TB Multiple Antigen Presenting System (MAPS) vaccine	\$1,439,101
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136715	HIV, HCV, Hippo, and Liver Disease Progression	\$792,339
2018	Trustees Of Boston University	MA	R33AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	\$712,489
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI136459	Characterizing spatio-temporal changes in immune cell landscapes of multiple sclerosis patients in response to B cell depletion with Ocrelizumab	\$58,282
2018	CLARK UNIVERSITY	MA	R21AI137485	The Aspergillus fumigatus Genetic Variant and Isolate Repository (FumigatusGVIR): A community resource to facilitate association mapping of pathogenicity associated traits	\$225,450
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138353	Identification of Adipose Tissue Factors that Induce Regulatory iNKT Cells	\$37,316
2018	CASTERBRIDGE PHARMACEUTICALS INC	MA	R41AI134187	Developing novel combination therapies for HSV genital infection.	\$223,895
2018	BETH ISRAEL HOSPITAL	MA	R03AI135346	mtDAMPs and nosocomial pneumonia after injury	\$87,500
2018	BETH ISRAEL HOSPITAL	MA	R21AI130434	Microscopy-Based Antimicrobial Susceptibility Testing (MAST)	\$263,805
2018	Trustees Of Boston University	MA	R01AI133486	Mechanisms of Marburg virus gene expression	\$563,009
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI137940	Exploring the Role of IgA in Human Immune Homeostasis	\$268,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R03AI140259	Membrane domain dynamics in Mycobacterium tuberculosis	\$79,750
2018	TUFTS UNIVERSITY	MA	R21AI136022	Alterations in virtual memory induced by hyperlipidemia	\$244,250
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139914	Elucidating the structural mechanism of pore formation by the (GSDM) Gasdermin family	\$514,489
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI138999	Rapid, Breath Volatile Metabolite-Based Diagnostic for In Vivo Identification and Antibiotic Resistance Profiling of Bacterial Pathogens in Ventilator-Associated Pneumonia	\$1,495,043

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2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI140751	Elucidating ligand-receptor interactions required for Plasmodium vivax blood-stage infection	\$398,750
2018	MICROBIOTIX, INC	MA	R41AI136126	Discovery of Zika virus therapeutics using a replicon assay	\$300,000
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI134861	Immunometabolic and epigenetic effects of obesity on innate immune surveillance in cancer	\$409,580
2018	DANA-FARBER CANCER INSTITUTE	MA	F32AI136422	Signaling dynamics and cellular context as drivers of the heterogeneity of macrophage infection by M. tuberculosis	\$58,654
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI112823	Structure and Function Studies of LL-37 Binding to CsrS of Group A Streptococcus	\$190,294
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116577	Granzyme and Granulysin Mediated Death of Trypanosoma cruzi	\$626,473
2018	Trustees Of Boston University	MA	R01AI110638	Structure and Development of Oocyst and Sporocyst Walls	\$407,834
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI116604	Role of Tuberculosisinyl Metabolites in M. Tuberculosis Virulence	\$443,750
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$476,114
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136503	Role of DEPTOR in T Cell Activation and Alloimmunity	\$442,500
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$522,706
2018	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$411,771
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI116901	The role of fatty acid binding protein aP2 in the pathogenesis and treatment of asthma	\$403,750
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$320,413
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$535,885
2018	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$432,500
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$10,345,835
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$442,500
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$616,361
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	\$750,907
2018	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$9,500,000
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$742,271
2018	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$885,378
2018	TUFTS UNIVERSITY	MA	U01AI109656	Searching for Persistence in Lyme Disease	\$797,360

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2018	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$409,250
2018	BOSTON MEDICAL CENTER	MA	R01AI122209	CD1a Vaginal Dendritic Cells and HIV-1 Acquisition in the Female Genital Tract	\$426,493
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122363	Dissecting the role of Escherichia coli peptidoglycan synthase activators	\$32,051
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$844,621
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI123265	Granulysin, Granzymes and Perforin in Bacterial Immune Defense	\$442,500
2018	ARIETIS CORPORATION	MA	R44AI122426	Bactericidal antibiotic for Vancomycin Resistant Enterococci	\$1,248,159
2018	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillance	\$2,262,413
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI125096	The Use of Monoclonal Antibodies Delivered by Viral Vector as an HIV-1 Therapeutic	\$63,034
2018	BOSTON MEDICAL CENTER	MA	R01AI119037	The impact of alcohol consumption on TB treatment outcomes	\$646,074
2018	BETH ISRAEL HOSPITAL	MA	R01AI127089	TLR Immunotherapy to Eradicate Anatomic SIV Reservoirs	\$583,625
2018	TUFTS UNIVERSITY	MA	F31AI122615	Reversing age-related defects in innate and adaptive immune responses to Streptococcus pneumoniae by oral supplementation with vitamin E	\$20,134
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI125631	The Clinical and Economic Impact of Penicillin Allergy	\$136,892
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$503,415
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$3,301,497
2018	TUFTS UNIVERSITY	MA	R21AI124049	Dissection of the new pro-inflammatory components of the necrosome complex	\$245,550
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130407	Protein labeling with engineered kinases to identify substrates of M. tuberculosis PknA and PknB	\$221,250
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI130934	Immune progression and plasticity in relation to child age	\$234,997
2018	DANA-FARBER CANCER INSTITUTE	MA	R21AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$242,567
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$201,661
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI131998	A Trial of Same-Day Testing and Treatment to Improve Outcomes among Symptomatic Patients Newly Diagnosed with HIV	\$563,210
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI132606	Genomics approaches to elucidating pathways to antibiotic resistance in Neisseria gonorrhoeae	\$398,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	HELIXBIND INC	MA	R44AI124726	An Integrated Device for Rapid Bacteremia Diagnosis from Whole Blood	\$410,823
2018	MICROBIOTIX, INC	MA	R01AI132276	Oxadiazole Inhibitors of Non-Stop Ribosome Rescue to treat MDR Neisseria gonorrhoeae	\$1,114,898
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123349	Cellular mechanisms by which exhausted T cell responses are restored	\$459,150
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121546	Mechanisms of CD49a Expression and Resident Memory T Cell Formation in Skin.	\$416,850
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$422,065
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130791	Re-defining RIG-I-like helicases as viral RNA receptors with effector functions	\$221,250
2018	MICROBIOTIX, INC	MA	R43AI125043	Screening for rAAV transduction enhancers	\$290,608
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128606	Protective function of virus-induced age-associated B cells	\$251,250
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI112748	Finding and Treating Unsuspected and Resistant TB to Reduce Hospital Transmission	\$699,820
2018	ARC BIO, LLC	MA	R44AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	\$998,921
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131452	Characterization of 3.47, a NPC1-targeting inhibitor of Ebola GP-mediated entry	\$37,180
2018	Trustees Of Boston University	MA	R21AI137793	Deciphering the pathogenic potential of Lloviu virus, a novel filovirus	\$205,990
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI138083	Role of the Tie2-Angpt axis in the regulation of endothelial cell immunogenicity	\$88,500
2018	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$937,987
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K24AI131924	Expansion of research and mentoring to improve birth outcomes and treatment outcomes among HIV-affected children in Botswana	\$179,821
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI136789	Genetically-encoded fluorescent RNA sensors for measuring transport of antibiotics into the cytoplasm of Gram-negative pathogens and development of efflux pump inhibitors	\$859,459
2018	HELIXBIND INC	MA	R43AI136064	Culture-free identification of pathogens common in endocarditis directly from patient specimens	\$300,000
2018	TUFTS UNIVERSITY	MA	F32AI138366	The genetic basis of bacterial predation by Bdellovibrio bacteriovorus	\$59,038
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138448	A Non-Canonical Translation Mechanism for Vesicular Stomatitis Virus	\$37,455
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132419	Dissecting the pathways controlling tunable responses to TCR signaling	\$539,481
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI136137	Preclinical development of Novo29, a new antibiotic	\$231,409
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI137337	Metabolic Network Remodeling in Epstein-Barr Virus Lymphomagenesis	\$447,500

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2018	UNIVERSITY OF MASSACHUSETTS	MA	R61AI136007	Gonorrhea and HIV prevention with intravaginal ring drug delivery	\$523,283
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI135940	A clinical trial to evaluate the impact of broadly neutralizing antibody VRC01 on HIV viral reservoir and maintenance of suppression in a cohort of early-treated children in Botswana	\$1,077,403
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI135052	The Role of Canonical and Non-canonical Autophagy in B Cell Immunity	\$511,515
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI138318	Therapy of acute radiation syndrome and its complications by mesenchymal stromal cells conditioned with Toll-like receptor 9 agonists	\$582,260
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI135613	Development of a vesicle-based vaccine platform against Staphylococcus aureus	\$219,010
2018	BRANDEIS UNIVERSITY	MA	R21AI140018	Developing Homology-Independent Targeted Insertion (HITI) toolkits for molecular genetic manipulation of Drosophila melanogaster and Anopheles gambiae	\$258,175
2018	BOSTON MEDICAL CENTER	MA	R01AI138960	Signals that establish and maintain HIV latency	\$475,993
2018	TUFTS UNIVERSITY	MA	R01AI137358	Molecular Mechanism of Action of the Influenza PA-X Host Shutoff Protein	\$412,500
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI135092	Mechanism of methicillin-resistant Staphylococcus aureus induced lymphatic dysfunction	\$249,325
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139095	Differential roles for type I interferon and inflammatory pathways in autoimmune diabetes	\$592,406
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$657,236
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI102634	Dynamic Strategies for the clinical management of HIV disease	\$569,340
2018	BRANDEIS UNIVERSITY	MA	F31AI133945	Ionotropic Receptor Function in Anopheles gambiae	\$30,424
2018	KEPHERA DIAGNOSTICS, LLC	MA	R43AI136172	Point-of-care diagnostic test for T. cruzi (Chagas) infection	\$299,999
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI132638	The role of spleen tyrosine kinase (syk) in neutrophil responses to pathogenic fungi.	\$400,700
2018	BETH ISRAEL HOSPITAL	MA	K08AI135098	High-Throughput TB Vaccine Antigen Discovery	\$159,624
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123312	Antimicrobial blue light inactivation of pathogenic microbes	\$501,281
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI138812	Pilot Study to Monitor HIV Cluster Dynamics and Active HIV sub-Epidemics in Real Time	\$226,999
2018	BETH ISRAEL HOSPITAL	MA	R33AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$521,998
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI129966	Role of Clec2d-DAMP interactions in the pathophysiology of tissue injury and sepsis	\$480,908
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI114179	Mechanisms by which DNA sequence directs AID-mediated mutagenesis of Ig loci	\$31,308
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$668,476

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2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$435,000
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI042347	Molecular Biology and Virulence of CTX Phage	\$518,377
2018	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$575,951
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$513,431
2018	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$1,982,034
2018	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$562,169
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$531,000
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$918,190
2018	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$504,821
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI106878	O-Specific Polysaccharide Responses and Cholera	\$779,448
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$687,808
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$5,646,668
2018	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$709,735
2018	BRANDEIS UNIVERSITY	MA	R01AI113737	Design of Immunogens to Elicit PGT122 like Antibodies	\$423,961
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$522,076
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$779,891
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI116979	Novel mechanisms of T cell costimulation: the role of LRR8A in T cell activation	\$191,970
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$442,500
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI126915	Immunological and Microbial Mechanisms in Food Allergy	\$434,500
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI120633	Contact-Dependent Antagonism in Gut Bacteroidales	\$428,250
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$198,720
2018	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$418,750
2018	BROAD INSTITUTE INC	MA	R01AI114855	Elucidating Genetic Determinants of Resistance to Lassa Hemorrhagic Fever	\$756,479
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI119918	Mast cell regulation of Th2 induction and tolerance breakdown in food allergy	\$577,162
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI119065	Role of SCARF1 in apoptotic cell clearance and prevention of autoimmunity	\$412,800
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126596	Protection of organ transplant from ischemia reperfusion injuries	\$514,147
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124143	CD4+ T cell Tolerance to Enteric Commensal Bacteria	\$242,300

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2018	TUFTS UNIVERSITY	MA	R21AI125891	Towards the development of pro- and prebiotics against cryptosporidiosis	\$247,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126122	Regulation of Antibody Diversity by AP Endonucleases	\$209,375
2018	BOSTON COLLEGE	MA	R21AI130447	Using Mobile Application Strategies to Increase HPV Vaccination Rates among YMSM	\$200,696
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI127853	MICRORNA CONTROL OF INFLAMMATORY AND REGULATORY T CELLS IN CENTRAL NERVOUS SYSTEM AUTOIMMUNITY	\$439,410
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI127271	Next Generation Missing Data Methods in HIV Research	\$0
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131470	Mixed chimerism induced tolerance in heart recipients requires donor kidney cotransplantation	\$1,391,561
2018	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$552,296
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI132120	Bacteriology PhD Training Program	\$346,107
2018	BETH ISRAEL HOSPITAL	MA	R01AI129797	Optimization of Broadly Neutralizing Antibodies for HIV Eradication	\$729,269
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126253	Regulation of humoral immunity to a virus-like particle vaccine candidate	\$209,375
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI117929	Immune control mechanisms of TB latency in the setting of HIV co-infection	\$442,500
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI129717	The HLA-E peptidome in HIV infection	\$213,750
2018	BROAD INSTITUTE INC	MA	R01AI132300	New targets against tuberculosis	\$1,156,431
2018	SPERO THERAPEUTICS, INC.	MA	R44AI131749	A Novel Gyrase Inhibitor for the Treatment of Drug-susceptible and Multidrug-resistant Mycobacterium tuberculosis Infections	\$425,178
2018	MICROBIOTIX, INC	MA	R43AI129008	Aminospectinomycin antibacterials for the treatment of antibiotic-resistant gonorrhea and other bacterial STDs	\$289,030
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	Regulation of the follicular T-cell response to autoimmunity	\$550,183
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R03AI131066	Spatial and temporal profiling to unravel the host cell responses to hepatitis B virus infection	\$91,290
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI133041	Defining the role of let-7 miRNAs in the differentiation of exhausted and memory T cells	\$247,676
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI136750	Interrogating mechanisms of HIV pathogenesis in the humanized BLT mouse model	\$61,174
2018	BETH ISRAEL HOSPITAL	MA	U19AI128751	Development of Ad26/Env Vaccines for HIV	\$2,800,000
2018	BROAD INSTITUTE INC	MA	F32AI138458	Mapping epigenetic regulatory circuits of Th17 pathogenicity in autoimmunedisease	\$59,038
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$999,040
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI138551	Functional analysis of epigenetic regulators of malaria blood-stage proliferation and transmission	\$398,230
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI132445	Molecular biology of trichomonasviruses	\$244,239

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2018	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI137300	Structural and Mechanistic Elucidation of NAIP/NLRC4 Inflammasomes in Innate Immunity	\$134,017
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI130258	Regulation of antiviral immunity at barrier surfaces by interleukin-1 family cytokines	\$130,478
2018	TUFTS UNIVERSITY	MA	R56AI137424	Emergence of tick borne encephalitis in North America	\$536,707
2018	BOSTON COLLEGE	MA	R21AI136074	Simple Retroviruses and Resistance to Tetherin	\$195,625
2018	BRANDEIS UNIVERSITY	MA	R21AI140030	Directed Evolution of Zika EDE Glycoantigens	\$328,330
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI140914	Macrophage lineage SIV persistence and latency during suppressive ART in Macaques	\$265,500
2018	ABCAM INC	MA	R01AI135151	Recombinational biopanning method for multiplex antibody:antigen screening	\$461,250
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI139536	Neuroimmune interactions regulate development of allergic inflammation	\$582,345
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI139339	Mycobacterial determinants of escape from pathogen-specific immunity	\$200,932
2018	UNIVERSITY OF MASSACHUSETTS	MA	T32AI132152	Training in the Molecular Basis of Autoimmunity and Autoinflammation	\$139,344
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139615	The contribution of eosinophils and the IL-23/IL-17 axis to host responses to Aspergillus	\$418,750
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI058736	Optimizing HIV Care in Less Developed Countries	\$892,666
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI139679	Inhibition of Bcl-2 for Induction of Mixed Chimerism and Renal Allograft Tolerance Without Myelosuppression	\$677,954
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131314	Immune Control and Evadion during Acute HCV Infection	\$276,000
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134814	Detection of asymptomatic Salmonella enterica serotype Typhi and Paratyphi A carriage by serum antibodies targeting YncE	\$730,315
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI130408	Endophenotypes of food allergy in response to oral immunotherapy	\$200,740
2018	BETH ISRAEL HOSPITAL	MA	R01AI136924	Phosphatases in Systemic Autoimmunity	\$437,500
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI121394	Decrypting IgE B Cell Immunobiology	\$628,572
2018	TUFTS UNIVERSITY	MA	R01AI142628	Microbial Disruption of Dendritic Cell Maturation and Function	\$607,603
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepxilin A3 in neutrophil breach of the Infected airway mucosa.	\$600,446
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI121288	Interferon-induced IFITM recruitment of ZMPSTE24 blocks viral endocytic entry	\$524,685
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI124284	Dissecting the mechanism of age-specific adjuvant synergy in vitro and in vivo	\$534,030
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI128068	TIM-1 and AhR: Key regulators of B-cell mediated Transplant Tolerance	\$185,220

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2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI134842	The novel role of the immunoproteasome subunit LMP7 in allo-immunity and T cell exhaustion	\$393,698
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042006	Cost-Effectiveness of Preventing HIV Complications	\$1,113,665
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	\$224,728
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114968	The role of DOCK8 in autoimmunity	\$197,010
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$278,652
2018	Trustees Of Boston University	MA	T32AI007309	Research Training in Immunology	\$244,020
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,737,248
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$418,750
2018	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$60,609,395
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$429,853
2018	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$136,819
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$3,986,024
2018	BETH ISRAEL HOSPITAL	MA	K23AI114381	Diversity of Immune Responses Elicited by HIV Vaccines	\$190,356
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$3,253,765
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI116834	Specification of Treg cells: FOXP3 functional facets	\$518,670
2018	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,391,655
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI118955	Programmed cell death in P. aeruginosa	\$534,715
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121066	Innate control of the inflammatory process during fungal infections	\$442,500
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI127193	Structure-function studies of the membrane-interacting domains of HIV-1 Env spike	\$830,356
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	\$200,308
2018	UNIVERSITY OF MASSACHUSETTS	MA	U24AI126683	Nonhuman Primate Reagent Resource	\$1,769,004
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$423,073
2018	BETH ISRAEL HOSPITAL	MA	UM1AI126603	Combined Immunologic Approaches to Cure HIV-1	\$4,630,463
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI117466	B Cells in Tolerance and Chronic Rejection of Monkey Kidney Allografts	\$213,750
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI128623	Developing a microfluidic platform for single virus genomics and virus discovery	\$207,979

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2018	BRANDEIS UNIVERSITY	MA	R21AI130560	Enzyme-instructed nanoscale assemblies for killing multidrug resistant bacteria	\$243,750
2018	BETH ISRAEL HOSPITAL	MA	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	\$432,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$418,750
2018	Trustees Of Boston University	MA	R21AI129881	Effects of pre-existing dengue virus immunity on Zika virus infection	\$206,250
2018	Trustees Of Boston University	MA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	\$272,054
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI125535	Molecular mechanisms of the RAG recombinase in V (D)J recombination and disease	\$634,401
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124718	Resistance testing versus adherence support for management of patients with virologic failure on first-line antiretroviral therapy in sub-Saharan Africa: An open-label randomized controlled trial	\$565,060
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128197	Viral mechanisms of necroptosis evasion	\$113,065
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$581,030
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI123517	Atopy, Leptin and Potential Biomarkers of Comorbid Obesity and Asthma in Inner-City Schoolchildren	\$196,472
2018	Trustees Of Boston University	MA	R21AI128189	Cytosolic mRNA Uridylation in Trypanosoma brucei	\$247,063
2018	PLATELET BIOGENESIS, INC.	MA	R43AI125134	Platelet Bioreactor for Treatment of Radiation-Induced Thrombocytopenia	\$300,000
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$2,150,987
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,750
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI130307	FDC regulation of self-reactive B cells	\$531,000
2018	TUFTS UNIVERSITY	MA	R21AI135369	DNA-RESPONSES IN WILD-DERIVED MICE	\$206,250
2018	KARYOPHARM THERAPEUTICS INC.	MA	R44AI124949	Evaluating the impact of novel inhibitors of nuclear pore export in SLE	\$992,511
2018	Trustees Of Boston University	MA	R03AI133228	Defining programs of gene expression regulated by Ikaros in T cells	\$82,375
2018	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	K99AI137218	Understanding the highly divergent mitochondrial ATP synthase in T. gondii	\$137,160
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139633	Mechanisms of a Novel Combined Immunodeficiency Caused by a Homozygous Mutation in COPG1	\$442,500
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI137921	Targeting scramblase TMEM16F to break T cell exhaustion	\$309,750
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136532	Mechanisms of CD36-mediated parasitophorous vacuole maturation in macrophages infected with Leishmania amazonensis	\$251,250
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI139011	Release of Extracellular DNA during Biofilm Formation in Staphylococcus aureus	\$630,172
2018	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$531,603

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2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K22AI132937	Control of antibody responses in vaccination and allergic inflammation by follicular regulatory T cells	\$159,985
2018	Trustees Of Boston University	MA	R21AI135517	Genetic probing of residues involved in ebolavirus glycoprotein entry	\$247,500
2018	TUFTS UNIVERSITY	MA	R01AI130105	Retrotransposon assay for tick host bloodmeal identification	\$403,650
2018	MICROBIOTIX, INC	MA	R43AI141132	EF-Tu binding Tetrazoles targeting MDR Neisseria gonorrhoeae	\$297,193
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI128976	Mechanisms of Combined Immunodeficiency due to DOCK8 Deficiency	\$354,000
2018	MICROBIOTIX, INC	MA	R43AI138739	Novel Small Molecule Therapeutics Inhibiting Zika Virus Infection	\$300,000
2018	Trustees Of Boston University	MA	R21AI133264	A Rapid and Sensitive Antibiotic Susceptibility Test for Urinary Tract Infections	\$206,146
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$492,500
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131747	The role of Fc function in broadly neutralizing antibody efficacy against HIV	\$32,176
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116550	Characterization of the myddosome, a protein complex that controls TLR signaling	\$442,500
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$508,916
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$538,137
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$429,784
2018	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$435,000
2018	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$3,085,778
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$15,607,936
2018	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$500,637
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$418,750
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI114552	Infant specific-IgE, rhinovirus-C bronchiolitis, and incident asthma in MARC-35	\$807,406
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$408,647
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$503,943
2018	TUFTS UNIVERSITY	MA	R01AI122232	Spore Assembly in Clostridium Difficile	\$408,675
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$6,586,951
2018	BETH ISRAEL HOSPITAL	MA	R01AI116363	HIV-specific responses mediated by human NK cells	\$408,506
2018	UNIVERSITY OF MASSACHUSETTS	MA	P01AI132130	Systems Genetics of Tuberculosis	\$2,271,183

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2018	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$409,250
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114790	Immune defenses against Neisseria gonorrhoeae	\$629,859
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI121421	The Role of Innate Immune Cell Trafficking in Th2 Differentiation	\$200,880
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI125122	Pharmacokinetic and Programmatic Evaluations to Optimize HIV/TB Co-Treatment Regimens in Children	\$198,932
2018	TUFTS UNIVERSITY	MA	R01AI110684	Mammalian cell collaboration with bacterial type III secretion	\$412,500
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R33AI111713	Targeting cell separation systems of gram-negative bacteria.	\$508,500
2018	HARVARD PILGRIM HEALTH CARE, INC	MA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	\$144,850
2018	DANA-FARBER CANCER INSTITUTE	MA	P01AI126901	Targeting Immunogenicity to the MPER Hinge and C-helix for BNAb Elicitation	\$2,189,065
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI116920	Innate mechanisms for virus-induced diabetes	\$502,500
2018	DETECTOGEN INC	MA	R44AI113992	Novel non-invasive antigen detection assay for the diagnosis of active visceral leishmaniasis and to monitor the therapy efficacy of this disease	\$665,346
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI118502	Sensitive and quantitative point-of-care viral load testing on paper	\$443,750
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$414,039
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI123516	CLEC-2/Pdpr Mediated Regulation of Airway Inflammation	\$186,564
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI123086	Mechanisms of Kidney-Induced Cardiac Allograft Tolerance	\$2,223,329
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI118538	Studies of Mucosal Associated Invariant T (MAIT) cells in people with HIV, TB and HIV/TB co-infection in South Africa	\$194,066
2018	BETH ISRAEL HOSPITAL	MA	R01AI120828	Antigen-Specific NK Cell Memory Against SIV and HIV Vaccines	\$876,592
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI128743	Shigella and macrophage cell death	\$256,500
2018	KEPHERA DIAGNOSTICS, LLC	MA	R43AI134502	Serologic assays for detection of Zika virus antibodies for clinical diagnosis and blood donor counseling	\$298,515
2018	Trustees Of Boston University	MA	R01AI134430	Predictors of Resistance Emergence Evaluation in MDR-TB Patients on Treatment (PREEMPT)	\$900,696
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$1,645,437
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI124491	Mechanistic Elucidation of Inflammasome Assembly and Regulation	\$442,500
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI129168	Intragraft DepTOR and transplant rejection	\$265,500
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI134494	Prevention of HIV-1 transmission by small-molecule CD4-mimetic entry inhibitors	\$713,774
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI128358	Regulation of Lupus by Cytosolic DNA Sensors	\$535,551

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2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI118544	Molecular networks of HIV-specific CD4 T cell help to B cells	\$435,851
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121248	Modulation of Chronic Th2 inflammation by the CCR8 Receptor-Ligand Pathway	\$416,850
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI132723	The Cysteinyl Leukotriene E4 Receptor, GPR99, Orchestrates Airway Epithelial Cell Differentiation and Type 2 Pulmonary Inflammation	\$199,800
2018	ABCAM INC	MA	R21AI135900	Isolation of Antibody-based Steric Inhibitors	\$157,658
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI130005	Proteomics and phosphoproteomics analysis in HIV-1 infection	\$637,308
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI136431	Elucidating novel mechanisms controlling cell envelope biogenesis in Streptococcus Pneumoniae	\$59,038
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI136939	Function of CD1a on Langerhans cells in skin inflammation	\$442,500
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI134989	Type 2 Mucosal Inflammation Elicited Through an LTE4/GPR99-Dependent Pathway	\$246,962
2018	Trustees Of Boston University	MA	R21AI137843	Efflux pumps and the emergence of antibiotic resistance in single cells	\$247,188
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI138540	2018 Boston Bacterial Meeting (2018)	\$5,500
2018	BETH ISRAEL HOSPITAL	MA	K23AI132648	Optimizing Diagnostic Strategies for TB Transmission Control in Health-Care Facilities	\$190,339
2018	Trustees Of Boston University	MA	R21AI135912	The role of TLR4 signaling in the pathogenesis of filovirus infection	\$247,375
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI141002	Structural Basis of Coreceptor Recognition by HIV-1 Envelope Spike	\$545,987
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI139087	Structure and Function of C. Difficile Toxins	\$848,063
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI139443	The role of alveolar macrophages during tuberculosis: detrimental or beneficial	\$251,250
2018	BOSTON COLLEGE	MA	R03AI135737	CRISPRi-Tn-Seq: A genome-wide high throughput tool for bacterial essential and nonessential genetic-interaction mapping.	\$78,250
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI132843	Metabolomic Pathways in Food Allergy	\$280,324
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI139520	Tracking the flow of malaria parasites and drug resistance within the DRC and across its borders	\$778,797
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI133989	Solid-state NMR studies of the dynamic interactions of the influenza A M2 membrane protein with water, antiviral drugs, and the M1 protein	\$44,524
2018	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI136947	Network modeling and robust estimation of the intraclass correlation coefficient to inform the design and analysis of cluster randomized trials for infectious diseases	\$263,913
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127654	Generation of Robust Resident Memory T cells in Barrier Tissues through Skin Vaccination	\$1,010,181

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2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI141544	Exploring the roles of acquired immunity and functional constraint in sculpting malaria antigenic diversity in a longitudinal cohort	\$589,754
2018	BOSTON COLLEGE	MA	R01AI122923	The Ca ²⁺ -sensing machinery operating on exocytosis in Toxoplasma	\$392,625
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$442,500
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$578,656
2018	BOSTON MEDICAL CENTER	MA	R21AI137119	Identification and characterization of individuals with elite anti-HIV-1 ADCC	\$267,000
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$441,589
2018	NORTHEASTERN UNIVERSITY	MA	R01AI124046	Hit-to-lead optimization for sleeping sickness drug discovery	\$662,424
2018	BOSTON COLLEGE	MA	R01AI110724	The bacterial response to antibiotics and the evolution of antibiotic resistance	\$391,250
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI136041	Eicosanoid Networks in Aspirin Hypersensitivity	\$549,828
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134940	Airway metagenome & metabolome in bronchiolitis and risk of asthma: MARC-35 cohort	\$869,596
2018	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$172,807
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$597,511
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,282,140
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$477,872
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$497,066
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$423,750
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$442,500
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$475,072
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$427,867
2018	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$3,002,030
2018	TUFTS UNIVERSITY	MA	R01AI121337	SIGNALING MECHANISMS IN VIBRIO CHOLERAE PARALLEL QUORUM SENSING PATHWAYS	\$409,014
2018	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$329,584
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$535,659

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2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI103142	Regulation of neutrophil function by ROS-induced actin glutathionylation	\$442,500
2018	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$591,891
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI115698	Thymocyte integrin regulation by plexinD1	\$424,773
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U24AI118656	Monitoring peripheral blood leukocyte and immune responses in health and disease	\$376,729
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$810,753
2018	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	\$579,562
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI123420	Targeting Epstein-Barr Virus super-enhancers	\$443,750
2018	NORTHEASTERN UNIVERSITY	MA	P01AI118687	Resolving the bottleneck in antibiotic discovery	\$1,738,405
2018	TUFTS UNIVERSITY	MA	R01AI116969	Global Transcriptome Analysis of Mucosal Gonoccal Infection	\$618,925
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI113294	Mechanisms of food allergy elicited by cutaneous sensitization	\$442,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI131695	DNA Virus Infection Induces an Anti-Viral State in Drosophila	\$209,375
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI128480	Chemical genetic screening to identify synergistic inhibitors of malaria parasite cell cycle regulators	\$199,010
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI126592	The Chemistry and Biology of Galactofuranose-Containing Glycans	\$460,884
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI130392	Carbohydrate Public Good Interactions in Healthy and Dysbiotic Bacteroidales Communities	\$191,970
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K24AI116925	Determining the genetic and diagnostic markers of acute renal allograft rejection	\$187,626
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137325	Functional characterization of CARD9 genetic variants in fungal immunity	\$710,974
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI121285	Studies of IGHV Germline Gene Polymorphism, Utilization & Shifting for Seasonal Influenza Vaccine Induced Broadly Neutralizing Antibody Responses	\$847,609
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K24AI131928	Addressing Major HIV Prevention and Health Outcomes Questions in an Era of Universal ART: Mentoring in a Community-Randomized Trial	\$188,858
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI114557	Neutralizing Antibodies in Acute and Persistent Epstein-Barr Virus Infection	\$593,287
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U19AI131135	3D Models of Engineered Human iPS Cells to Investigate Neurotropic Virus Infections	\$1,746,141
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI132387	Molecular basis of action and pathogenesis of Clostridium difficile toxin B	\$751,659
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI119157	Bioinformatic and functional analysis of antibiotic-responsive small non-coding RNAs in bacterial pathogens	\$196,762

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2018	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI134365	HIV-1 RNA structure effects on latency reversal	\$260,938
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI133524	Defining regulators of immunity to acute infection using CRISPR screens	\$2,754,337
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI128344	Deep sequencing of pathogens to precisely define transmission networks using rare variants	\$748,381
2018	BOSTON MEDICAL CENTER	MA	F31AI129195	Effects of Differential T Cell Associated Signals on HIV Infection	\$28,524
2018	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI134274	Novel Antibiotics from Marine Invertebrate Microbes	\$300,000
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI130289	An Immune Surveillance Network in <i>C. elegans</i>	\$418,750
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI131044	Identification of key cellular mechanisms that instruct macrophage polarization and therapeutic applications of specific inhibition of M2-type macrophage polarization	\$226,747
2018	TUFTS UNIVERSITY	MA	R21AI131004	Gonococcal In-vivo Expressed Factors (IVEFs) as novel vaccine antigens against <i>N. gonorrhoeae</i> infection	\$206,250
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI131582	Manipulation of the mTOR signaling pathway by the <i>Shigella</i> effector protein OspB	\$22,396
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI120480	Using genome engineering to study mosquito biology and combat malaria	\$37,524
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI137716	Role of <i>Candida albicans</i> phosphate transport in cell wall maintenance and echinocandin tolerance	\$265,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI131632	Killing of <i>P. vivax</i> infected reticulocytes by cytotoxic T cells	\$271,528
2018	MICROBIOTIX, INC	MA	R43AI136188	Inhibitors of virus glycoprotein-LAMP1 receptor binding for Lassa virus therapy	\$299,400
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI136529	The Functional Role of the Tetraspanin CD82/Kai1 in Fungal Innate Immunity	\$529,433
2018	VERSATOPE THERAPEUTICS	MA	R43AI136291	Universal Influenza Vaccine	\$225,000
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI137410	Impacts of Environment, Host Genetics and Antigen Diversity on Malaria Vaccine Efficacy	\$736,710
2018	UNIVERSITY OF MASSACHUSETTS	MA	R13AI138527	International Immunocompromised Host Society's 20th International Symposium on Infections in the Immunocompromised Host	\$5,000
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI139973	Forward genetic overexpression screens to identify parasite determinants of antimalarial susceptibility	\$199,323
2018	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI135423	CRISPR/Cas9 based antivirals for treatment of latent and lytic Herpesvirus-1 and -2 infection in vivo	\$211,250
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI133689	Functional regulation of an arenavirus polymerase by the viral matrix protein and RNA ligands	\$37,596
2018	VOLATYLIX, INC.	MA	R44AI141264	A Rapid Breath Test for Invasive Aspergillosis	\$300,000
2018	UNIVERSITY OF MASSACHUSETTS	MA	R13AI140628	6th Annual Meeting of the International Cytokine and Interferon Society	\$10,000

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2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI136579	Improving the Care Cascade for HIV-associated Kaposi's Sarcoma in sub-Saharan Africa	\$200,435
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI141030	Novel Statistical Methods for Cluster-Randomized HIV Prevention Trials	\$35,761
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$624,809
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI131659	Bioenergetic control in immune cell function	\$238,813
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI134025	Mesenchymal Stem Cell Regulation by Syndecan-1 in Lung Injury	\$265,500
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI134116	Theranostic approach to transplant rejection using engineered cell biosensors	\$252,750
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$598,508
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$533,176
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI116366	Identifying the ligand for the activating NK cell receptor KIR3DS1 and its protective role in HIV-1 disease progression	\$49,524
2018	NORTHEASTERN UNIVERSITY	MA	R01AI122286	Persister cells of Borrelia burgdorferi	\$572,380
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$232,823
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$482,553
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$2,277,111
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$708,793
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$1,570,005
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,543,357
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI123286	Tuberculosis and T cell Recognition	\$694,621
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	\$682,624
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$4,685,717
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$410,580
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI112521	Mechanisms and Immunological Consequences of Host-Virus Interactions	\$1,942,842
2018	BROAD INSTITUTE INC	MA	U24AI118672	An integrated multiplexed genomic assay for low input clinical samples1	\$412,001
2018	TUFTS UNIVERSITY	MA	R01AI113166	Initiation and regulation of antibacterial innate immunity	\$467,376
2018	BROAD INSTITUTE INC	MA	R01AI117043	RNA based diagnostics for rapid pathogen identification and drug resistance	\$1,215,572

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2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$979,999
2018	TUFTS UNIVERSITY	MA	R01AI113075	Cardiac Cell Entry-Inhibition and Protection Therapy for Chronic Chagas Disease	\$441,456
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114622	Role of host fatty acid metabolism in Trypanosoma cruzi amastigote growth	\$403,750
2018	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$399,727
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114710	Lipooligosaccharide mimitope vaccines against Neisseria gonorrhoeae	\$449,255
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI124165	Targeting steroid hormone signaling in Anopheles mosquitoes for malaria control	\$714,441
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122592	Developing in vitro assays to identify small molecules that inhibit human prions	\$32,192
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI129412	Chemogenomic Interrogation of Non-Genetic Drug Resistance in Plasmodium falciparum	\$38,080
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	\$544,343
2018	BETH ISRAEL HOSPITAL	MA	K08AI114958	Demographics Causes and Consequences of B Cell Repertoire Diversity	\$191,376
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI135520	Characterization of a novel interaction between intracellular T. cruzi amastigotes and host mitochondria	\$238,813
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131502	Functional characterization of HtrA, an essential mycobacterial protease	\$37,180
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130737	Investigation into the epigenetic mechanisms of trained immunity?	\$221,250
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121997	Maternal effects on immune function in the offspring	\$207,005
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI126687	The Role of PI3K in the Maintenance and Function of T Follicular Regulatory Cells	\$32,122
2018	TUFTS UNIVERSITY	MA	R01AI131656	Coping with Stress: Next Generation Approaches to Borrelia burgdorferi Host Adaptation	\$661,519
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI130669	Aspergillus fumigatus Volatile Secondary Metabolite Dynamics for the Identification of Azole-resistant Aspergillosis	\$211,876
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$693,674
2018	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$475,385
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$94,922
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI125816	Distinct Function and Control of Regulatory T Cell Subsets During Influenza	\$199,840

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI133330	Rapid Breath-Based Diagnosis of Histoplasmosis	\$213,288
2018	BETH ISRAEL HOSPITAL	MA	P01AI131365	Viral dynamics of rebound and control following early treatment of HIV/SIV	\$1,515,570
2018	UNIVERSITY OF MASSACHUSETTS	MA	F31AI122761	Cross-reactive CD8 T-cell responses in human viral infections	\$29,204
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI132898	The microbiota and allograft rejection: novel investigations into the consequences of obesity	\$403,766
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127768	MMP13 expression and function in allergic inflammation	\$407,286
2018	Lyndra Therapeutics, Inc.	MA	R01AI131416	Development of Ultra Long-Acting Oral HIV Therapies	\$1,323,542
2018	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$1,608,350
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	\$633,867
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127507	Nasal microRNA during bronchiolitis and age 6y asthma phenotypes: MARC-35 cohort	\$1,714,315
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI135233	Delivery of Peanut Allergen Powder into Epidermis for Safe Immunotherapy	\$247,476
2018	BRANDEIS UNIVERSITY	MA	R03AI136720	The Effect of Extended Antigen Release on Carbohydrate Specificity of the Antibody Response	\$81,250
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI134857	Molecular and Metabolic inter-kingdom actions of a bacterial quorum sensing signal in promotion of host tolerance/resilience.	\$698,672
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127869	HLA-DO / H2-O: modulation of MHC-II peptide diversity and Treg population control	\$541,182
2018	MICROBIOTIX, INC	MA	R43AI134598	Synergistic panfiloviral entry inhibiting antibody drug conjugates	\$300,000
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI133309	Targeting type I interferon production in TB infection.	\$210,625
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI138863	Using agent-based modeling to estimate the effectiveness of the Miami Getting to Zero HIV campaign	\$128,331
2018	ARC BIO, LLC	MA	R43AI138864	Development of a sample-to-answer sequencing pipeline for detection of viral infections and co-infections in immunocompromised transplant patients.	\$247,853
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI081693	Control of virulence gene expression in Francisella tularensis	\$488,515
2018	BETH ISRAEL HOSPITAL	MA	R21AI137835	Influenza-specific memory responses mediated by human NK cells	\$249,474
2018	TUFTS UNIVERSITY	MA	R21AI140711	Dissection of HSV-1 entry mechanisms using VSV pseudotype platform	\$247,500
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI138801	Novel virologic and pharmacologic assays to predict clinical outcomes after first-line ART failure in sub-Saharan Africa	\$853,765
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI134770	Crosslinked Nanosponges for the Topical Treatment of Wound Biofilms	\$390,589

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2018	TUFTS UNIVERSITY	MA	R21AI136711	Structural dynamics of the HIV-1 genomic 5' UTR	\$238,400
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137057	Innate-like BCR activity as a template for universal vaccination against influenza virus	\$552,569
2018	Trustees Of Boston University	MA	R21AI137229	A paperfluidic molecular diagnostic for Trichomonas vaginalis	\$266,774
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137164	Antibody mediated protective immunity against cholera	\$839,456
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121386	Targeting Innate Immunity in Staphylococcal Infection	\$442,500
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI136960	NMR-based dynamic assessment of TCR transmembrane conformational states linked to T cell function	\$441,250
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI125603	T regulatory cell subsets at the microbial interface: determinism and function	\$423,750
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$515,835
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$518,372
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$491,582
2018	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$361,854
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$468,517
2018	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$687,504
2018	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$211,061
2018	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$175,602
2018	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$391,250
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$715,353
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$442,500
2018	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$493,910
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$621,120
2018	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$555,388
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$451,878
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111395	Characterization and Development of a Cross Spectrum Anti-Dengue Antibody	\$750,000
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI117839	Next generation hybrid nucleases for precise excision of latent HIV-1 provirus	\$937,745
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI118692	Training Program in Immunological Tolerance and Autoimmunity	\$191,544
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI108588	Viral persistence & the microbiome in bronchiolitis and risk of recurrent wheeze	\$563,456

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2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123001	Cardiovascular Disease Risk in HIV-infected Women: Sex-Specific Mechanisms of Risk and Risk Reduction among REPRIEVE Trial Participants	\$740,154
2018	Trustees Of Boston University	MA	R01AI116829	Gene Regulation in the Immune System	\$370,688
2018	DANA-FARBER CANCER INSTITUTE	MA	R01AI124982	Conformational Landscape of the HIV-1 Envelope Glycoproteins	\$683,064
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI121491	Humoral mechanisms of tolerance in peanut oral immunotherapy	\$197,208
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$163,202
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI125051	Gene therapy for SCID-X1 with low dose busulfan and a SIN-lentiviral vector	\$1,418,589
2018	TUFTS UNIVERSITY	MA	R01AI118898	C ALBICANS IN THE GI TRACT ENVIRONMENT	\$505,101
2018	NORTHEASTERN UNIVERSITY	MA	R21AI127594	Lead optimization of agents targeting multiple kinetoplastid parasites	\$266,948
2018	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI130776	Development and application of glycan readers for the detection and analysis of bacterial glycoconjugates	\$193,375
2018	CHILDREN'S HOSPITAL CORPORATION	MA	U19AI118608	Systems Biology to Identify Biomarkers of Neonatal Vaccine Immunogenicity	\$3,018,569
2018	Trustees Of Boston University	MA	R21AI127623	Trehalose-6-phosphate phosphatase inhibitors as anti-helminthics	\$247,034
2018	TUFTS MEDICAL CENTER	MA	R21AI128342	A bioengineered 3D primary human intestinal model for Cryptosporidium	\$206,874
2018	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126880	Regulation of CNS Autoimmunity	\$412,750
2018	Trustees Of Boston University	MA	R21AI130889	Genetic modification of cultured Cryptosporidium to test the autoinfection model	\$205,990
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131469	Detecting Infection at Its Onset: The Site of RIG-I Signaling	\$32,122
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$588,464
2018	EXTEND BIOSCIENCES INC	MA	R43AI131906	Long-acting ghrelin for the treatment of ARS	\$300,000
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132963	Novel humanized mouse model developed from cord blood CD34 positive HSC and autologous iPS cell derived thymus	\$782,684
2018	MICROBIOTIX, INC	MA	R43AI134120	Inhibitors of Pseudomonas aeruginosa efflux pumps to combat multi-drug resistance	\$294,798
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$442,500
2018	BOSTON COLLEGE	MA	R21AI128136	Mapping the protein landscape of the Toxoplasma basal complex	\$195,625
2018	TUFTS UNIVERSITY	MA	R21AI128093	A tunable 3D human small intestinal tissue model for study of enteric pathogens	\$200,625
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI131912	Unbiased identification of HIV-derived antigens during latency and reactivation	\$213,750

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2018	TUFTS UNIVERSITY	MA	R01AI130946	The Gonococcal Fur Regulon Link to Pathogenesis	\$503,423
2018	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI125152	Plasma Gelsolin as Immunotherapeutic for Antibiotic-Resistant Pneumonia	\$939,329
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI133288	Bacterial regulation of lipid immuno-modulators in patients with ulcerative colitis	\$251,250
2018	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132296	Novel immunotherapeutics against multidrug-resistant Neisseria gonorrhoea	\$1,051,980
2018	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI125876	An essential RNA chaperone in Pseudomonas aeruginosa	\$221,250
2018	ALDATU BIOSCIENCES	MA	R44AI128974	PANDAA for rapid genotyping of HIV-1 infected patients failing protease inhibitor ART in resource-limited settings	\$973,600
2018	Trustees Of Boston University	MA	R01AI133080	SAMIPS-NPC: Southern Africa Mother Infant Pertussis Study, Nasopharyngeal Carriage	\$751,146
2018	SELUX DIAGNOSTICS, INC.	MA	R43AI136125	FAST platform for same-shift, complete antibiotic menu antibiotic susceptibility testing	\$298,851
2018	Trustees Of Boston University	MA	R01AI132111	GM3 Nanoparticles for Sustained Delivery of Anti-Retrovirals to Lymphatic Tissues	\$399,386
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI137091	Airway dual-transcriptomics in bronchiolitis and risk of asthma: MARC-35 cohort	\$887,528
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI136527	Generation and Characterization of Mice with Tissue Specific Expression of Lupus Risk ITGAM SNPs	\$211,110
2018	BETH ISRAEL HOSPITAL	MA	K08AI132716	Antimicrobial Synergy for Carbapenem-Resistant Enterobacteriaceae	\$191,376
2018	TUFTS UNIVERSITY	MA	R21AI137667	Tegumental acetylcholinesterase as a therapeutic target for schistosomiasis	\$247,500
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI136253	Innate Immune activation of Cutaneous Lupus	\$251,250
2018	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R21AI140418	Glycosylated Atomically-Precise Gold Clusters: Design, Synthesis and Antimicrobial Activity	\$189,688
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI136816	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$3,029,663
2018	UNIVERSITY OF MASSACHUSETTS	MA	R21AI139363	Disruption of gene function in Naegleria	\$234,228
2018	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI131757	HIV-1 translation efficiency during latency reversal	\$249,500
2018	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI138356	Role of regulatory T cell-derived Tgf-beta1 in oral tolerance	\$32,166
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$409,360
2018	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI040618	Lung-Resident Memory Th2 cells in Asthma - New Therapeutic Targets	\$482,845
2018	TUFTS UNIVERSITY	MA	R01AI121401	Multiple B. burgdorferi Factors Collaborate to Evade Complement-Mediated Defenses	\$624,482
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,886,817

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2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$341,162
2018	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$951,398
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$132,656
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$385,577
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$742,649
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$575,258
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120008	Quantification of the HIV-1 Reservoir by Immuno-PCR	\$410,625
2018	JOHNS HOPKINS UNIVERSITY	MD	F31AI124794	Disparities in the HIV Care Continuum among Hispanics in the United States	\$49,524
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI121072	Biosynthesis of Beta Lactam Antibiotics	\$483,822
2018	UNIVERSITY OF MARYLAND	MD	T32AI125186	Graduate Training in Virology	\$248,250
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114496	Lymph Node Structure and Function in Tolerance: Role of Laminins	\$383,750
2018	JOHNS HOPKINS UNIVERSITY	MD	F31AI129549	Development of prodrug approaches for long-acting nanoformulations of emtricitabine-based regimens	\$44,524
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI132204	Rationally Designed Pan-Ebolavirus Vaccine	\$1,372,407
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$691,657
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI134591	HOPE in Action: A clinical trial of HIV-to-HIV deceased donor kidney transplantation	\$1,559,239
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI126853	Rickettsia-host interface and multiple paths to invasion	\$560,764
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI130838	Clinical Research Unit: Johns Hopkins University	\$235,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI130646	Omics-based identification of novel vaccine targets against Neisseria gonorrhoeae	\$193,125
2018	UNIVERSITY OF MARYLAND	MD	R21AI130712	Viral Immune Evasion of FcRn Functions	\$228,000
2018	PATHOVAX, LLC	MD	R44AI136236	Papillomavirus-like Particles (VLP) as Broad Spectrum Human Papillomavirus (HPV) Vaccines	\$299,068
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI137272	A "Culture" Shift: Integrated Bacterial Screening and Antibacterial Susceptibility Test on Microfluidic Digital Array for Bloodstream Infections	\$747,112
2018	RISE THERAPEUTICS, LLC	MD	R43AI138681	A novel Probiotic for Preventing and Treating Clostridium Difficile Pathogenesis	\$299,953

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2018	FZATA INC	MD	R43AI136176	A Serological Assay for Neutralizing Antitoxin Response in Patients with Clostridium difficile Infection	\$168,931
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI137046	E3 ligase mediated control of Foxp3 expression and immune suppression-mechanisms and potential as immunotherapeutic target	\$429,204
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138578	FASEB SRC on Nutritional Immunology and the Microbiota: Rules of Engagement in Health and Disease	\$14,000
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138530	FASEB SRC on Ubiquitin and Cellular Regulation	\$14,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI138714	Neutral lipid metabolism during Toxoplasma infection	\$409,271
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI140854	Statistical methods for characterizing patients who highly-benefit from treatments and programs in Alzheimers, HIV, and other heterogeneous diseases	\$492,267
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI133492	The effects of a housing mobility program on home environmental and host airway microbiota and asthma morbidity among low-income minority children	\$256,060
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136390	The role of diabetes in Middle East Respiratory Syndrome Coronavirus pathogenesis	\$58,282
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138531	FASEB SRC on Virus Structure and Assembly	\$6,500
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI137804	A novel diagnostic tool to aid vaccine evaluation and surveillance of enterotoxigenic E. coli and Shigella	\$204,688
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI140049	Role of Circular RNAs in Innate Immunity and Neuro-development	\$409,375
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI130627	The interaction between vaginal microbiota, immunogenetics and C. trachomatis susceptibility	\$177,711
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI130170	C. albicans and S. aureus Catheter Infections: Clinical Implications and Therapy	\$374,794
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,351,288
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$353,466
2018	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$697,747
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$794,328
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$2,136,131
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$691,782

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2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116799	Longitudinal Study of the Vaginal Microbiome Prior To Incident STI	\$697,324
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI117032	A Droplet-based single cell platform for pathogen identification and AST	\$1,152,798
2018	JOHNS HOPKINS UNIVERSITY	MD	K01AI125086	Revealing women's hidden role as critical components of HIV transmission networks in Rakai, Uganda: an interdisciplinary approach	\$127,586
2018	JOHNS HOPKINS UNIVERSITY	MD	K23AI125715	Dysbiosis, Recurrent Bacterial Vaginosis and the Vaginal Microbiome	\$197,017
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI124777	Fate of Invisible U/A Base Pairs Within HIV DNA in Myeloid Phagocytic Cells	\$403,325
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123820	Protection Against Gram-Negative Sepsis Conferred by Lipid A-Based Structural Variants	\$386,250
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI131574	Plasmodium agonists for transmission-blocking	\$245,469
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI129218	Serotype independent therapeutic vaccine for Streptococcus pneumoniae	\$191,255
2018	SCANOGEN INC	MD	R44AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$998,008
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI128353	Cellular Factors that regulate avain leukosis virus DNA integration	\$238,910
2018	JOHNS HOPKINS UNIVERSITY	MD	P01AI131306	Modeling HIV Rebound: Role of SIVmac251 Functional Reservoirs and Biomarkers of Reactivation	\$1,630,865
2018	SANARIA INC	MD	R44AI125009	A glycolipid adjuvant to promote dose sparing, accelerate immunization schedules and extend durability of high-level protection with a live attenuated sporozoite malaria vaccine	\$1,000,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI127311	Inhibition of matrix degrading enzymes to limit cavitation in tuberculosis	\$204,662
2018	JOHNS HOPKINS UNIVERSITY	MD	UM2AI130836	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY	\$5,854,685
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122666	Infection Site Targeted Antitoxin Antibody (ISTAb) against Bacillus anthracis	\$299,999
2018	UNIVERSITY OF MARYLAND	MD	R01AI129893	Structure and Activation of a Multiprotein Signaling Complex	\$694,073
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123371	Macrophage differentiation and disease outcome in influenza infection	\$542,926
2018	UNIVERSITY OF MARYLAND	MD	R33AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$418,198
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135561	Novel Vaccine For Multidrug-Resistant Gram-negative Bacterial Infections	\$231,750
2018	JOHNS HOPKINS UNIVERSITY	MD	F30AI136704	Analyzing Non-Classical Antigen Presentation in HIV-infected CD4+ T cells	\$49,524

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2018	J CRAIG VENTER INSTITUTE INC	MD	R01AI137418	Interplay between the heat shock response and histidine kinase pathways in the thermally dimorphic fungal pathogen Histoplasma capsulatum	\$487,500
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI135465	Type I Interferon signaling in Bordetella pertussis pathogenesis	\$229,025
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,692,615
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$383,750
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$3,060,625
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,696,170
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$520,000
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$775,672
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI108695	Natural infection of norovirus and sapovirus in a birth cohort in a Peruvian periurban community	\$1,066,175
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	\$995,058
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125841	Serological assays to predict Shigella vaccine efficacy	\$573,658
2018	UNIVERSITY OF MARYLAND	MD	R21AI126077	Characterization of the ESX-5 secretome and its impact on virulence mechanisms of Mycobacterium tuberculosis	\$190,000
2018	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$380,000
2018	UNIVERSITY OF MARYLAND	MD	R01AI123340	Role of bacterial aggregation and biofilms in gonococcal pathogenesis	\$471,394
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI132359	The Skin Phase of Malaria Infection	\$515,719
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI128779	Penile Microbiome, Inflammation and HIV Susceptibility During Sexual Debut and Maturation Among Male Adolescents	\$525,184
2018	UNIVERSITY OF MARYLAND	MD	R01AI132213	Structure-Based Vaccine Design for Hepatitis C Virus	\$1,142,860
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI125181	Pathogenesis of E. coli and Shigella infections in human enteroid models	\$1,581,962
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI136456	Zika and dengue virus agonists for transmission-blocking	\$204,428

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R03AI137615	Metabolic Advantage of the Wood-Ljungdahl Pathway in Growth and Survival of <i>C. difficile</i>	\$75,002
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134886	Mechanistic characterization and regulation of the non-redundant phu and heme uptake systems of <i>Pseudomonas aeruginosa</i>	\$396,890
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI139358	Identification and characterization of mosquito sensory neurons detecting human-related cues	\$204,635
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132733	Influence of polysialic acid on leukocyte migration	\$547,507
2018	UNIVERSITY OF MARYLAND	MD	P01AI138949	Tick Immune Signaling, Microbiota, and Acquisition of <i>Borrelia burgdorferi</i> and <i>Anaplasma phagocytophilum</i>	\$1,578,353
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI140789	Optimization of high throughput viral outgrowth assays for the detection of HIV-1 reservoirs	\$409,375
2018	JOHNS HOPKINS UNIVERSITY	MD	R13AI140910	International Workshop on Co-morbidities and Adverse Drug Reactions in HIV	\$20,000
2018	SD NANOSCIENCES, INC	MD	R43AI138612	Surfactant-vesicle based gonorrhea vaccine	\$268,434
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$24,600
2018	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in <i>Leishmania</i>	\$442,864
2018	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$142,924
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$416,528
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI115703	Human DC Subtypes in Regulating T-Helper-2 Responses	\$405,000
2018	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$758,544
2018	JOHNS HOPKINS UNIVERSITY	MD	K23AI127935	The Use of MALDI TOF for the Rapid Detection of Carbapenemases from Clinical Isolates	\$183,430
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114761	Advancing gametocytocidal agents as drugs against <i>P. falciparum</i>	\$389,992
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI121146	Epidemiology of CRE and MRSA transmission: patient and organism factors	\$580,352
2018	UNIVERSITY OF MARYLAND	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$455,882
2018	JOHNS HOPKINS UNIVERSITY	MD	K22AI123465	Community behavior of <i>Yersinia pseudotuberculosis</i> within microcolonies	\$108,000
2018	UNIVERSITY OF MARYLAND	MD	R21AI131219	Filtering of disseminating <i>Cryptococcus neoformans</i> out of vasculature	\$228,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$364,500
2018	JOHNS HOPKINS UNIVERSITY	MD	UG3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	\$1,753,906

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2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI125552	T cell receptor-activated autophagy as a regulator of T cell effector responses	\$615,776
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI123931	Characterizing the Spatial Temporal Dynamics and Human Health Risks of Vibrio parahaemolyticus Bacteria in Estuarine Environments	\$543,510
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132257	Good Manufacturing Practices Master Cell and Working Cell Banks and GMP Pilot Lot of Prototype Shigella flexneri 2a live vector expressing enterotoxigenic E. coli antigens, CVD 1208S 122	\$1,062,611
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI129769	Unlocking Envelope: A New Strategy for a Functional Cure Through Antibody-Dependent Cell-Mediated Cytotoxicity	\$484,873
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R42AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	\$1,000,000
2018	UNIVERSITY OF MARYLAND	MD	R21AI133670	Molecular mechanisms of the stringent response in Mycobacterium tuberculosis	\$185,938
2018	UNIVERSITY OF MARYLAND	MD	R01AI125561	Role of host protein GBF1 in organizing enterovirus replication complexes	\$373,750
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI120634	Understanding the Impacts of HLA-DO in vivo	\$405,000
2018	NOVEL MICRODEVICES LLC	MD	R43AI136161	Low Cost, Rapid Molecular Diagnostic for Chlamydia and Gonorrhea at the Point-of-Care	\$300,000
2018	JOHNS HOPKINS UNIVERSITY	MD	K08AI127908	Translational modeling of individual- and population-level outcomes of novel tuberculosis drug regimens	\$194,681
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI137814	Exploiting a robust drug discovery portfolio to develop effective regimens to treat Mycobacterium abscessus lung infection	\$245,438
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI137659	Evaluation of PARP-1 as a target of host-directed therapy in tuberculosis	\$245,563
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI140860	Immunotherapy Targeting MTB Persists in the DC-impaired Setting of HIV and TB	\$245,563
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI135076	Impact of P. falciparum diversity on transmission reducing immunity	\$183,269
2018	JOHNS HOPKINS UNIVERSITY	MD	K23AI135102	Whole Genome Sequencing of Drug Resistant Tuberculosis in India: Genotype-Phenotype Correlation, Clinical Impact of Resistance, and Sequencing Directly from Sputum	\$193,789
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI131228	Physiological and immunological responses to measles vaccine	\$676,557
2018	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI142866	Development of a quantitative assay for intact HIV DNA measures in tissue	\$300,000
2018	PROFECTUS BIOSCIENCES INC	MD	R44AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	\$993,161
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI113266	Closing the Gaps on Buruli Ulcer Diagnosis, Treatment, and Prevention	\$881,258

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2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI141372	Age-dependent role of type I interferon in Bordetella pertussis pathogenesis	\$231,750
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	\$519,993
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI128925	Role of prion protein sialylation in prion diseases	\$706,228
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI122631	Role of Semaphorin 4A in Allergic Inflammation	\$386,250
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$213,121
2018	JOHNS HOPKINS UNIVERSITY	MD	K24AI120834	Mentoring in Endocrine and Metabolic Abnormalities in HIV and Aging	\$176,378
2018	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$18,690,967
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$4,349,197
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI108907	Influenza vaccine failure in adults over age 75: role of chronic CMV infection	\$625,443
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI116269	Immune correlates of acute HBV recovery with and without HIV	\$616,491
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI119949	Copper as a nutrient for Candida albicans at the host-pathogen interface	\$464,595
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI112367	Safety and efficacy of PfSPZ malaria vaccine in malaria-exposed adults	\$613,976
2018	JOHNS HOPKINS UNIVERSITY	MD	U24AI118633	Development of Highly Multiplex Antigen Specificity Assays	\$386,946
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI125402	Defining redundant strategies central to Legionella replication vacuole formation	\$405,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI119012	Lubricant Use and the Vaginal Microbiome	\$751,485
2018	JOHNS HOPKINS UNIVERSITY	MD	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$197,017
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI125810	An enabling technology to dissect critical molecular events in bacterial pathogenesis	\$204,532
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125579	Identification and validation of molecular markers of piperazine resistance	\$423,595
2018	JOHNS HOPKINS UNIVERSITY	MD	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	\$81,875
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI131099	Role of Circular RNAs in Innate Immunity	\$204,688
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI117734	Vaccines and maternally acquired immunity to prevent shigellosis in children	\$416,848

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2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI120733	The Impact of HCV Infection on Bone Turnover, Density, and Strength	\$737,374
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI127469	Molecular and structural characterization of broadly neutralizing anti-HCV antibodies	\$719,898
2018	UNIVERSITY OF MARYLAND	MD	R21AI134079	Role of ScfAB in the Pathophysiology of the Group A Streptococcus	\$190,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$408,060
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI134151	Defining the HLA ligandome of HIV-1 latently infected CD4 + T cells	\$193,125
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI133530	How do lysosomal disorders drive susceptibility to M.tb?	\$245,594
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI116324	Implementation strategies for a new point-of-care test for early infant diagnosis	\$581,805
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132766	Molecular mechanisms of IL-33 cytokine signaling	\$549,918
2018	UNIVERSITY OF MARYLAND	MD	R03AI135751	Comparative genomic analysis of specificity to mosquitoes in Metarhizium pingshaense basis for improved biological control	\$76,000
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI136229	Remodeled glycoprotein for broad protection against ebolaviruses	\$302,469
2018	CASCADE THERAPEUTICS, INC.	MD	R43AI138580	Development of Natural Product Derivatives as Antiprotozoal Agents	\$225,000
2018	BIOLOGICAL MIMETICS, INC	MD	R43AI122411	Improved RSV F Vaccine Candidates	\$224,956
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI139698	ENGINEERING A SELF-TARGETING ENTRY INHIBITOR FOR VECTORED MALARIA PROPHYLAXIS	\$204,635
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI135527	TB goes viral: Interplay between mycobacteria RNA and host cytosolic surveillance pathways	\$245,594
2018	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI138539	FASEB SRC on Molecular Biophysics of Membranes	\$7,500
2018	UNIVERSITY OF MARYLAND	MD	R01AI135015	A Comprehensive approach to bacterial osmotolerance	\$463,541
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI136377	Lung inflammation and type I interferons in Bordetella pertussis infection	\$37,813
2018	J CRAIG VENTER INSTITUTE INC	MD	UH2AI132342	Reproducible Analytics for Secondary Analyses of ImmPort Vaccination-Related Cytometry Data	\$243,750
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI138978	Technology development for point-of-care detection and antimicrobial susceptibility testing of Neisseria gonorrhoeae	\$1,369,638
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$337,882
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI125290	Early Peanut Introduction: Translation to Clinical Practice	\$983,026
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,451,935

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2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$2,113,723
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI109776	Immunoprophylactic Strategies to Control Emerging Enteric Infections	\$4,973,548
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$718,961
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI117065	Incentives for Suppression of HIV-1 RNA in People Living with HIV	\$741,994
2018	J CRAIG VENTER INSTITUTE INC	MD	U19AI110819	The J. Craig Venter Institute Genome Center for Infectious Diseases	\$5,595,971
2018	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$183,158
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI116787	Comparative Effectiveness/Implementation of TB Case Finding in Rural South Africa	\$594,641
2018	JOHNS HOPKINS UNIVERSITY	MD	R24AI118397	Long-Acting/Extended Release Antiretroviral Resource Program (LEAP)	\$485,255
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$618,961
2018	JOHNS HOPKINS UNIVERSITY	MD	R33AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	\$471,845
2018	J CRAIG VENTER INSTITUTE INC	MD	R01AI125609	HTS Assay for P. falciparum apicoplast glutamyl-tRNA synthetase	\$487,500
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI116658	Role of IgE Bearing Cells in Chronic Idiopathic Urticaria	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI127570	Discovery of Novel Therapeutics for Fungal Pathogens	\$201,966
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI125720	Protein microarray antibody responses to P. falciparum in a human challenge model	\$183,004
2018	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI126587	Evolution of anti-filovirus B cell responses and mechanisms of protection	\$750,143
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI133533	Nanoparticle Delivery of DNA Vaccine Against Zika Virus	\$245,563
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI124912	Durable Antibody Mediated Protection Against HIV	\$3,373,790
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110259	HIV-1 acidic epitope discovery from broadly neutralizing seroantibodies	\$383,750
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI134495	A Novel Vaccine Platform for Preventing Zika Virus Infection	\$163,750
2018	JOHNS HOPKINS UNIVERSITY	MD	UH3AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$1,463,190
2018	TENGEN BIOMEDICAL COMPANY	MD	R41AI129119	Development of Zika viral pseudoinfectious virus as Zika vaccine candidate	\$300,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$622,404

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2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125215	Targeting TLR Signaling Pathways to Blunt Pathogen-mediated Acute Lung Injury	\$533,933
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI137813	A Recombinant Cedar Virus-based Henipavirus Replication Platform for High-throughput Inhibitor Screening	\$230,636
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI137329	Development of novel penems for drug-resistant tuberculosis	\$804,846
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI137778	Repurposing S1P receptor drugs as therapeutics for pertussis in the baboon model	\$309,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI138440	Characterization of an E3 Ubiquitin Ligase Substrate in the Tick Immune Deficiency Pathway	\$36,061
2018	ZALGEN LABS	MD	R43AI138836	Glycoprotein Immunoassay to Measure Protective Response to Lassa Vaccine	\$497,084
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI132590	Innate Immune Regulation of the Epithelium in Chronic Rhinosinusitis with Nasal Polyps	\$575,894
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI137547	Regulation of allergen-induced mast cell activation and allergic inflammation through DCIR	\$245,563
2018	JOHNS HOPKINS UNIVERSITY	MD	F30AI134431	Accurately Measuring the True Size of the Latent Reservoir and Characterizing the Proviral Landscape in SIV and SHIV Animal Models	\$49,524
2018	SANARIA INC	MD	R43AI138943	A Unique Automated Bioreactor for Rearing Aseptic Mosquitoes from Larvae to Adults to Support Manufacture of Sanaria PfSPZ Products.	\$299,999
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI135186	Characterization of a dendritic cell specific receptor critical for SJS	\$409,375
2018	BIOLOGICAL MIMETICS, INC	MD	R43AI140809	Manganese-peptide Countermeasures for Radiation Exposure	\$299,372
2018	AERAS GLOBAL TB FOUNDATION	MD	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	\$342,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI127142	Macrophage Ontogeny and Polarization in HIV/SIV Infection	\$767,551
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI134091	Long acting NRTI therapies for HIV	\$619,020
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116274	Structural Targeting of Potentially Protective gp120 Epitopes in the C1/C2 Region	\$386,250
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI140038	A Novel Helicobacter pylori Strain to Study Gastric Cancer Development	\$222,005
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$739,758
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI114458	Assessing Social Justice in Economic Evaluation to Scale up Novel MDR-TB Regimens	\$408,601
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123320	Role of PrrF and PrrH regulation in Pseudomonas aeruginosa pathogenesis	\$427,091

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2018	JOHNS HOPKINS UNIVERSITY	MD	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$96,363
2018	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$372,825
2018	UNIVERSITY OF MARYLAND	MD	R03AI128232	A Novel Tick Protein Influences Persistence of Lyme Disease Pathogens	\$76,000
2018	BIOLOGICAL ANTI-INFECTIVE MEDICINES LLC	MD	R42AI106375	Humanized Monoclonal Antibody to Treat Acinetobacter Infections	\$1,070,000
2018	BIOLOGICAL MIMETICS, INC	MD	R44AI120260	Development of an improved, low-cost polio vaccine (Ir-IPV)	\$723,136
2018	UNIVERSITY OF MARYLAND	MD	R01AI131905	In vivo mechanisms of brain invasion by Cryptococcus neoformans	\$378,108
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI124923	Immune correlates of HAART-mediated spontaneous control of chronic HCV infection	\$204,688
2018	SANARIA INC	MD	R44AI131806	Immune Deficient Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$981,741
2018	SANARIA INC	MD	R44AI134500	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$987,636
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI128781	Developmental Pharmacology of Antiretroviral Metabolism in Mucosal Tissues	\$443,424
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI121990	Impact of malaria during pregnancy on infant health	\$154,371
2018	SANARIA INC	MD	SB1AI055229	PfSPZ Vaccines: Quality Systems, Manufacturing, Regulatory, and Clinical Quality and Data Management Support for Product Commercialization	\$965,038
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI135941	Targeting HIV reservoirs in children with HIVIS DNA and MVA-CMDR vaccines	\$724,299
2018	AERAS GLOBAL TB FOUNDATION	MD	R13AI136363	5th Global Forum on TB Vaccines	\$12,000
2018	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI135252	Hybrid Nucleoside Scaffolds Targeting Filoviruses	\$216,567
2018	AKONNI BIOSYSTEMS INC	MD	R44AI138903	TB Diagnostics at the Point of Care	\$1,000,000
2018	JOHNS HOPKINS UNIVERSITY	MD	U01AI138897	HOPE in Action: A Clinical Trial of HIV-to-HIV Liver Transplantation	\$1,778,541
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI138810	Characterization of silently HBV-infected hepatocytes in HIV co-infection	\$790,717
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$2,002,921
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI135280	Targeting host immune cells and DAMP molecules to improve outcome in tuberculosis	\$245,438
2018	UNIVERSITY OF MARYLAND	MD	R01AI110740	Catheter associated urinary tract infection by Pseudomonas aeruginosa	\$434,355
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI052733	Biology of Fungal Melanin	\$533,349
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$521,301

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2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$466,718
2018	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$306,875
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$176,113
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$1,446,401
2018	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$3,407,654
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI113910	The use of genetically humanized IL-10 mice to determine the molecular basis of allele-specific gene expression and disease susceptibility	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$4,530,478
2018	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC	\$1,239,221
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$382,326
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI114996	Mentoring and patient-oriented research in malaria	\$168,897
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI130608	Real-Time Whole Genome Sequencing Analysis of Carbapenemase-Producing Organisms in the Non-Outbreak Hospital Setting	\$163,646
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI130595	Targeted Immunotherapy for Tuberculosis and HIV co-infection	\$204,558
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110719	Role of sub-activation-threshold TCR interactions in maintaining T cell memory	\$383,750
2018	JOHNS HOPKINS UNIVERSITY	MD	K24AI118591	Patient-Oriented Research and Mentorship in HIV and Non-Communicable Diseases	\$152,285
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI123422	Epidemiology and Ecology of Cholera in Africa	\$686,906
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI133514	Single-molecule studies of Sec-dependent protein translocation	\$238,880
2018	SANARIA INC	MD	SB1AI077262	Marketing Strategic Plan and Distribution Logistics for Sanaria PfSPZ Vaccine against Malaria.	\$989,914
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI127644	Dysregulated sensing of invertebrate tropomyosin through dectin-1 confers susceptibility to type-2-mediated allergic diseases	\$409,323
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI131706	Construction of a ZIKV-host protein-protein interaction network	\$204,688
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI129369	Rapid Phenotyping of the ZIKV Genome	\$193,125
2018	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,868,228
2018	FZATA INC	MD	R01AI132207	A Novel Humanized Tetra-specific Antibody against Clostridium difficile Infection	\$1,091,557

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	AMERICAN GASTROENTEROLOGICAL ASSOCIATION INSTITUTE INC	MD	R24AI118629	Fecal Microbiome Transplant National Registry	\$941,794
2018	ACCELEVIR DIAGNOSTICS, LLC	MD	R44AI124996	A Novel Test to Measure Latent Virus in HIV-1 Infected Patients	\$1,000,000
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI136400	Host-Microbe Interactions and Incident Infection	\$59,038
2018	JOHNS HOPKINS UNIVERSITY	MD	R00AI127932	Human genetic determinants of mycobacterial immunity	\$296,383
2018	FZATA INC	MD	R43AI136108	Novel Immunotherapies for Comorbidity of Clostridium difficile and Inflammatory Bowel Disease	\$224,999
2018	SANARIA INC	MD	R43AI136219	Development, GMP manufacture, and quality control release of a triple knock out genetically attenuated Plasmodium falciparum sporozoite vaccine	\$299,999
2018	MEDIGEN INC	MD	R43AI136220	Multivalent emergency vaccine against pandemic influenza	\$95,379
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI125534	Determinants of apicoplast maintenance in malaria parasites	\$405,000
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI139784	Multiplex oral fluid antibody assay for arbovirus diagnosis, surveillance and prevention	\$337,626
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI130548	Developing Tolerization Therapies from a New T-cell Based Mouse Model of Neuromyelitis Optica	\$409,271
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI134696	Tick Saliva and Pathogen Transmission	\$677,669
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI135179	Association of the evolving nasal microbiome and neonatal acquisition of Staphylococcus aureus colonization	\$255,959
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI131796	PREVINE-TB: PREvent: EValuating the implementation of NEw strategies for preventive TB among people living with HIV in Brazil	\$669,384
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI137078	Olfactory receptors and neurons regulating odor-guided behaviors in mosquitoes	\$594,740
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI120938	Unlocking the Potential of HIV-Infected Deceased Donors for Organ Transplantation	\$778,214
2018	JOHNS HOPKINS UNIVERSITY	MD	R21AI130722	Hermes Insertion Profiling of the Candida Glabrata Genome	\$197,868
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$1
2018	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI140326	Evolution of Adaptive Immunity	\$386,250
2018	JOHNS HOPKINS UNIVERSITY	MD	R01AI136722	Novel nanoparticulate diagnostics for cerebral toxoplasmosis and Chagas in HIV patients living in Latin America	\$729,479
2018	BOWDOIN COLLEGE	ME	R15AI090633	Role of genome plasticity in Candida albicans host-pathogen interactions	\$419,261

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2018	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI133415	Intravital study of innate immunity to mucosal candidiasis	\$415,299
2018	JACKSON LABORATORY (THE)	ME	R21AI135221	The Role of the lncRNA MORRBID in Controlling Dendritic Cell Lifespan and Adaptive Immunity	\$283,500
2018	JACKSON LABORATORY (THE)	ME	R01AI121920	Decoding Immunological perturbations during Chronic Fatigue Syndrome	\$676,527
2018	JACKSON LABORATORY (THE)	ME	U01AI124297	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	\$624,682
2018	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI131202	Elucidating the Mechanisms of the Neutrophilic Behavior and Hyperinflammatory Response to Influenza Infection	\$435,166
2018	JACKSON LABORATORY (THE)	ME	R21AI133440	The Function of lncRNAs in Airway Epithelial Cells	\$283,500
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$319,055
2018	HENRY FORD HEALTH SYSTEM	MI	R01AI110450	EPIDEMIOLOGY OF ALLERGIC DISEASE ENDOTYPES	\$363,601
2018	Regents of the University of Michigan	MI	K23AI123595	Targeting antigen cross-presentation to enhance anti-leukemic responses after allogeneic transplantation	\$196,560
2018	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$399,610
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI121178	Improved Method for Identifying Causative Antigen in Hypersensitivity Pneumonitis	\$760,490
2018	Regents of the University of Michigan	MI	R01AI117229	miR-29b and autophagy regulate alveolar macrophage function post-BMT	\$426,373
2018	Regents of the University of Michigan	MI	U19AI116482	Engineered human intestinal organoids: a modular system to model enteric disease	\$1,330,188
2018	TSRL, INC	MI	R43AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza Infections	\$284,761
2018	Regents of the University of Michigan	MI	F32AI134016	Uncovering the Mechanisms Driving Seasonal Polio Incidence: A Modeling Approach Towards Endgame Strategies	\$58,282
2018	Bluewillow Biologics, Inc.	MI	R43AI134168	Development of a nanoemulsion-based vaccine for chlamydia infection	\$215,532
2018	MICHIGAN STATE UNIVERSITY	MI	R21AI140413	Origins of Sex Differences in Mast Cell Associated Immune Diseases	\$186,758
2018	Regents of the University of Michigan	MI	R21AI135559	B cell responses to particulate antigens	\$203,125
2018	Regents of the University of Michigan	MI	R01AI137085	Molecular Mechanisms of Protein Sorting by the Type II Secretion System	\$415,264
2018	Regents of the University of Michigan	MI	R01AI123093	Predicting protective T-cell responses in Tuberculosis using a systems biology approach	\$727,947
2018	Regents of the University of Michigan	MI	R33AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$465,000
2018	Regents of the University of Michigan	MI	R01AI130025	Role of the gender biased transcription factor VGLL3 in promoting autoimmune responses in SLE	\$411,777

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2018	WAYNE STATE UNIVERSITY	MI	R01AI127390	Mechanisms for Vibrio cholerae colonization and pathogenesis in zebrafish	\$386,000
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI113257	Rapid in-field malaria diagnosis, prognosis and monitoring using a mobile phone	\$453,424
2018	NOTA LABORATORIES LLC	MI	R44AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions for Treatment/Prevention of Rhinosinusitis (Phase II)	\$646,507
2018	WAYNE STATE UNIVERSITY	MI	K22AI120988	ROLE OF NEK7 PROTEIN IN NLRP3 INFLAMMASOME ACTIVATION AND INFLAMMATION	\$106,169
2018	UNIVERSITY OF DETROIT MERCY	MI	R21AI133570	Ail-mediated serum resistance in Yersinia pestis and its contribution to plague virulence	\$161,413
2018	Regents of the University of Michigan	MI	R21AI130328	Interaction of human norovirus with B cells	\$188,139
2018	MICHIGAN STATE UNIVERSITY	MI	R21AI140258	Diagnostic and Prognostic Biomarkers for Childhood Bacterial Pneumonia in Sub-Saharan Africa	\$220,591
2018	TSRL, INC	MI	R03AI135760	New Prodrug Strategies for Cidofovir Designed for Mitigating First-Pass Metabolism	\$101,225
2018	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$384,836
2018	MICHIGAN STATE UNIVERSITY	MI	R21AI138345	A novel mouse model to study DNA ligase 3 function in vivo	\$190,954
2018	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	\$388,750
2018	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$376,250
2018	Regents of the University of Michigan	MI	R33AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$563,058
2018	Regents of the University of Michigan	MI	R01AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$447,091
2018	Bluewillow Biologics, Inc.	MI	R44AI126964	Development of a nanoemulsion-adjuvanted prophylactic HSV-2 vaccine	\$694,683
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI116605	Mechanisms of Mycobacterium Tuberculosis pH-driven Adaptation	\$380,510
2018	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$475,000
2018	Regents of the University of Michigan	MI	R21AI137669	Rapid pathogen identification in pneumonia using real-time metagenomics and ultrasensitive PCR	\$233,875
2018	Regents of the University of Michigan	MI	R01AI138348	Neonatal RSV infection and alteration of allergic immune responses	\$449,626
2018	Regents of the University of Michigan	MI	R01AI133935	Viral interaction with host eIF2alpha kinases	\$596,562
2018	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$343,893
2018	Regents of the University of Michigan	MI	R01AI138347	Novel mechanisms of age-enhanced vasculopathy after heart transplantation	\$539,907
2018	Regents of the University of Michigan	MI	R21AI128120	Defining a nutrient niche competed for by gut commensal bacteria and pathogens	\$228,692
2018	Regents of the University of Michigan	MI	F30AI136315	The role of secondary lymphoid organ fibroblastic cells in alloimmunity	\$36,145

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2018	MICHIGAN STATE UNIVERSITY	MI	R21AI138707	Mechanistic understanding of HIV-1 broad neutralizing antibody evolution	\$232,500
2018	Regents of the University of Michigan	MI	R21AI135403	Control of Neutrophil Effector Mechanisms by the IRE1-Caspase2 signaling axis	\$189,863
2018	Regents of the University of Michigan	MI	R21AI137535	Transthyretin as a generic inhibitor of amyloid and amyloid-associated biofilm infections	\$275,798
2018	Regents of the University of Michigan	MI	R21AI137222	HuR in antigen-specific T cell activation and proliferation	\$233,875
2018	Regents of the University of Michigan	MI	R01AI134678	Structure-based functional annotation of microbial genomes	\$722,354
2018	Regents of the University of Michigan	MI	F31AI134287	The Molecular Mechanisms Contributing to the Specific Localization of HIV-1 Gag to the Plasma Membrane	\$35,940
2018	Regents of the University of Michigan	MI	K08AI119182	Population Dynamics of Rotavirus: A Combined Theoretical, Bioinformatic and Laboratory Based Approach	\$195,156
2018	Regents of the University of Michigan	MI	R01AI120607	ENDOLYSOSOMAL FUNCTION IN CHRONIC TOXOPLASMA INFECTION	\$360,475
2018	Regents of the University of Michigan	MI	K08AI128006	Antimicrobial mechanisms of action zinc oxide nanoparticles	\$194,400
2018	Regents of the University of Michigan	MI	R37AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$387,500
2018	MICHIGAN STATE UNIVERSITY	MI	U01AI126610	Treating Brain Swelling in Pediatric Cerebral Malaria	\$1,470,006
2018	Regents of the University of Michigan	MI	R01AI129958	Sputum Microbial Markers of Type 2-Low Asthma	\$730,848
2018	Regents of the University of Michigan	MI	R21AI122244	Myeloablative conditioning and late complications in ARTEMIS-deficient SCID	\$195,000
2018	Regents of the University of Michigan	MI	R21AI126054	Peptide Repertoires of HLA class I molecules	\$234,000
2018	Western Michigan University School of Medicine	MI	R21AI128464	Reprogramming BCR Signaling	\$226,500
2018	Regents of the University of Michigan	MI	F31AI126651	Characterization of the Mechanism of Glycine induced Germination of Clostridium difficile Spores	\$35,872
2018	Regents of the University of Michigan	MI	F31AI129697	Characterization of retroviral restriction factor APOBEC3H	\$36,293
2018	Regents of the University of Michigan	MI	R21AI137672	Interference of blood coagulation by Acinetobacter baumannii	\$0
2018	Regents of the University of Michigan	MI	R56AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$383,280
2018	Regents of the University of Michigan	MI	R37AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$548,367
2018	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$387,500
2018	WAYNE STATE UNIVERSITY	MI	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$629,149
2018	Regents of the University of Michigan	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$1,043,666
2018	Regents of the University of Michigan	MI	U19AI110502	Epigenomics of Systemic Autoimmunity	\$407,207

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2018	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$142,388
2018	Regents of the University of Michigan	MI	R01AI120997	Dynamics of Influenza Transmission in Nicaraguan Households	\$690,493
2018	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	\$77,500
2018	Regents of the University of Michigan	MI	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$481,505
2018	Regents of the University of Michigan	MI	R01AI123957	Calreticulin-mediated protein folding in health and disease	\$387,500
2018	Regents of the University of Michigan	MI	R01AI118886	Fidelity, robustness, and diversity in RNA virus evolution and pathogenesis	\$414,636
2018	Western Michigan University School of Medicine	MI	R01AI029690	Aberrant Signaling in B1 Cells	\$377,500
2018	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$489,426
2018	Regents of the University of Michigan	MI	R01AI125307	Integrated modeling of Klebsiella pneumoniae infections based on bacterial genotype, patient factors and colonization status	\$497,708
2018	Regents of the University of Michigan	MI	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$389,167
2018	TSRL, INC	MI	R44AI134190	Development of methionyl-tRNA synthetase inhibitors for Gram positive bacterial infections	\$983,590
2018	Regents of the University of Michigan	MI	R03AI137658	Indirect Effects of Influenza Vaccine in Households With Children	\$77,708
2018	Regents of the University of Michigan	MI	R21AI132379	HIV evasion of the innate immune response	\$227,086
2018	Regents of the University of Michigan	MI	F31AI140618	Epistasis Within and Between Genomic Segments in Influenza Virus	\$36,242
2018	MICHIGAN STATE UNIVERSITY	MI	R01AI139039	DNA Structure Directed AID Deamination During Immunoglobulin Isotype Switching	\$380,704
2018	NOTA LABORATORIES LLC	MI	R43AI136182	Antimicrobial Intravascular Catheter Lock Solutions Based on Endogenous Nitric Oxide Release Agent	\$233,275
2018	Regents of the University of Michigan	MI	R03AI130610	Ultra-high-resolution expression profiling of bacterial genomes	\$71,248
2018	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$389,583
2018	Regents of the University of Michigan	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$381,175
2018	WAYNE STATE UNIVERSITY	MI	R01AI121400	A Pharmacologic Approach to Prevent Daptomycin Resistance in VRE	\$385,000
2018	Regents of the University of Michigan	MI	R01AI116791	Vaccine to prevent E. coli urinary tract infection	\$449,217
2018	WAYNE STATE UNIVERSITY	MI	R01AI118992	Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1	\$376,889
2018	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$389,167
2018	Regents of the University of Michigan	MI	U01AI124255	Systems biology of Clostridium difficile infection	\$2,189,155
2018	Regents of the University of Michigan	MI	R01AI121302	Homing of Functionally Distinct ILC Subsets	\$636,868
2018	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$641,007

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2018	TSRL, INC	MI	R41AI132102	Cell-penetrating antimicrobial therapeutics for treatment of complicated skin and soft tissue infections	\$300,000
2018	Regents of the University of Michigan	MI	R01AI132372	Zika and Dengue Co-circulation Under Environmental Change and Urbanization	\$660,867
2018	MICHIGAN STATE UNIVERSITY	MI	R03AI130554	Developing novel technologies to address fundamental questions about second messenger signaling	\$71,945
2018	Regents of the University of Michigan	MI	K08AI130362	Host-Pathogen Interactions Influencing Streptococcus pyogenes Mucosal Carriage	\$165,455
2018	Regents of the University of Michigan	MI	R21AI136657	Acceptability and feasibility of self-collecting biological specimens among high-risk populations	\$246,912
2018	Regents of the University of Michigan	MI	UH3AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$150,000
2018	Regents of the University of Michigan	MI	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$12,000
2018	Regents of the University of Michigan	MI	R21AI127492	Rational design of CNS-permeable cathepsin L inhibitors for treatment of chronic toxoplasmosis	\$227,976
2018	Regents of the University of Michigan	MI	R01AI121156	Innate T cell metabolism and immune diseases	\$387,500
2018	Regents of the University of Michigan	MI	F31AI131957	Mechanisms of HIV-1 persistence and strategies to elicit Cytotoxic T Lymphocyte-mediated clearance of infected cells	\$35,536
2018	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,191,008
2018	NYMIRUM INC	MI	R43AI136190	Targeting Exonuclease Resistant RNA to Develop Zika Virus Therapeutics	\$299,236
2018	WAYNE STATE UNIVERSITY	MI	R21AI135583	Role of ABCG1 in Zika virus induced chorioretinal atrophy	\$192,500
2018	MICHIGAN STATE UNIVERSITY	MI	R21AI133094	Identifying high risk malaria infections using improved estimates of total body parasite load and new metrics for infection dynamics	\$178,722
2018	Regents of the University of Michigan	MI	F31AI136615	Elucidating the role of potassium channels in HIV-1-induced bystander CD4+ T cell death	\$39,547
2018	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$560,347
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T35AI118620	Medical Student Summer Research Program in Infection and Immunity	\$34,821
2018	UNIVERSITY OF MINNESOTA	MN	F32AI126722	The role of the human gut microbiota in modulating virulence of Enterohemorrhagic E. coli	\$61,174
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128087	Optimizing Gene Editing in Primary Human B Cells for Therapy and Research	\$191,875
2018	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	K01AI130409	Genetic Variants Associated with Tacrolimus Metabolism in Kidney Transplant Recipients	\$125,410
2018	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$439,277

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2018	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$690,241
2018	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$789,692
2018	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R37AI039560	TCR signal strength in thymic selection	\$370,836
2018	UNIVERSITY OF MINNESOTA	MN	R01AI103760	Protective CD4+ T Cells	\$506,562
2018	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$397,500
2018	MAYO CLINIC	MN	R21AI128037	Measles virus C protein: polymerase interactions and innate immunity evasion	\$198,750
2018	UNIVERSITY OF MINNESOTA	MN	R01AI131586	Mechanism of Lassa fever virus Z protein in immune suppression and viral virulence	\$757,888
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132962	Mechanisms and consequences of epithelial cell survival from influenza virus infection.	\$769,791
2018	UNIVERSITY OF MINNESOTA	MN	R01AI136445	Siderophore Inhibitors for Tuberculosis that Block Mycobactin Biosynthesis	\$805,741
2018	MINNETRONIX INC	MN	R42AI120751	Validation of a Novel Fungicidal Approach for Cryptococcal Meningitis	\$998,500
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI123146	The impact of pyrazinamide on metabolism in Mycobacterium tuberculosis.	\$469,965
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI124512	Development of Immune tolerance	\$384,234
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038903	T cell homeostasis	\$378,528
2018	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$475,237
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K25AI118476	Mathematical modeling and analysis of HIV care trajectories and retention in care challenges	\$129,634
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI122742	Functional genomics analysis of colonization and persistence of Enterococcus faecalis in the gastrointestinal tract.	\$418,099
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$508,514
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128133	Bordetella pertussis growth stimulation by human serum involving a novel iron uptake mechanism.	\$191,771
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI127961	Ehrlichia genes required for tick colonization and virulence	\$191,875
2018	MAYO CLINIC	MN	K08AI122838	Engineering an HIV-resistant immune system for HIV cure	\$196,128
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI133716	The influence of Bcl-6 corepressor (BCOR) on Th17 cell development	\$30,382
2018	MAYO CLINIC	MN	R21AI130298	Mucosal Single-Cycle Vaccines against Zika Virus	\$238,500
2018	UNIVERSITY OF MINNESOTA	MN	R21AI131454	Zika virus evolutionary dynamics in host adaptation	\$192,500
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F30AI131483	Contribution of antigen presenting cells to thymic negative selection	\$38,447

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2018	MAYO CLINIC	MN	R01AI132348	Transcriptomic Signatures of Influenza Vaccine Responses	\$778,388
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K23AI138851	Evaluation of CRAG screening with enhanced antifungal therapy for asymptomatic CRAG-positive persons	\$197,860
2018	MAYO CLINIC	MN	R01AI138965	Systems Biology of Mumps Vaccine Response	\$767,943
2018	UNIVERSITY OF MINNESOTA	MN	R01AI140547	The role of thymic type I interferon in tolerance	\$465,905
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$621,209
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	Development of Paratransgenic Ticks for Disease Control	\$551,454
2018	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$239,430
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI116678	Generation and function of "long-lived effector" memory CD8 T cells	\$756,120
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI125127	Reservoir Dynamics in Patients Treated in Very Early Acute HIV Infection	\$634,184
2018	MINNETRONIX INC	MN	R42AI120304	Validation of Novel Therapeutic Approach for Cryptococcal Meningitis	\$486,918
2018	UNIVERSITY OF MINNESOTA	MN	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	\$273,577
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132496	Quantifying the Breadth and Duration of Immunity Induced by Meningococcal B Vaccines	\$784,845
2018	UNIVERSITY OF MINNESOTA	MN	R21AI136731	Direct Approach to Identifying Sources of Rebound in Lymphatic Tissue after Treatment Interruption	\$191,875
2018	UNIVERSITY OF MINNESOTA	MN	R21AI139730	Fungal-Bacterial Microbiome Interactions in the Developing Infant Gut	\$240,993
2018	MAYO CLINIC	MN	R37AI071106	Mechanisms of Allergen-induced Type 2 Immunity	\$530,390
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$228,752
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$272,444
2018	MAYO CLINIC	MN	R01AI136718	Vaccine Synergy through Synchronous Delivery	\$777,061
2018	UNIVERSITY OF MINNESOTA	MN	R15AI135885	Control of polyadenylation in the parasite mitochondrion	\$441,438
2018	UNIVERSITY OF MINNESOTA	MN	R01AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$557,740
2018	UNIVERSITY OF MINNESOTA	MN	R21AI138061	Discovery of a novel target for giardiasis	\$242,000
2018	UNIVERSITY OF MINNESOTA	MN	R21AI140109	O-GlcNAc signaling enables the intestinal epithelial remodeling associated with type 2 immunity	\$192,500
2018	UNIVERSITY OF MINNESOTA	MN	R21AI137487	Role of TrkA in airway allergic inflammation	\$230,681
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$461,500
2018	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$397,500
2018	MAYO CLINIC	MN	R01AI112844	IRF4 and immunity to influenza infection	\$392,291

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI118511	Phased Implementation of a Public Health Programme: Cryptococcal Screening and Treatment in South Africa	\$573,846
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI135475	Identifying M. tuberculosis ESX-5 Secreted Substrates Required for Virulence.	\$226,781
2018	MAYO CLINIC	MN	R01AI120698	Evaluating the role of the novel apoptosis inhibitor TRAILshort, in maintaining HIV persistence.	\$505,728
2018	UNIVERSITY OF MINNESOTA	MN	R01AI134406	A New Approach to Reactivating HIV from Latency	\$516,862
2018	MAYO CLINIC	MN	R01AI120949	Mechanisms Regulating Human NK Cell Cytotoxicity	\$397,500
2018	UNIVERSITY OF MINNESOTA	MN	R37AI034495	In Vivo Prevention of Murine GVHD	\$487,046
2018	UNIVERSITY OF MINNESOTA	MN	R01AI134636	Impact of Cryptococcus Titan Cells on Pathogenesis.	\$502,026
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI139200	Siderophore-targeting polymeric antibiotics	\$370,324
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$455,615
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$371,314
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$133,826
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U24AI118635	Multiplex immune analysis of antigen specific CD4+ T cells in autoimmune diabetes	\$399,999
2018	MAYO CLINIC	MN	R01AI127365	Genetic Markers of Long-Term Mumps Vaccine Immunity	\$725,120
2018	MAYO CLINIC	MN	R01AI121054	Understanding measles vaccine failure (and success) in Southern India	\$768,754
2018	MAYO CLINIC	MN	T32AI132165	PhD Training Program in Virology and Gene Therapy	\$143,658
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$733,267
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$1,234,462
2018	MAYO CLINIC	MN	R01AI128729	Mechanisms of IL-33 secretion in allergic diseases	\$509,737
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$362,712
2018	MAYO CLINIC	MN	R21AI127998	IL-10/IL10R in the Regulation of Self-Reactive CTL by CD8+ T-cells	\$198,750
2018	UNIVERSITY OF MINNESOTA	MN	R03AI130978	Generating LynA ^{-/-} and LynB ^{-/-} mice by CRISPR/Cas9 genome editing	\$76,750
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K08AI134262	Evaluating Antiretroviral Pharmacology in the Female Genital Tract to Optimize HIV Prevention	\$169,368
2018	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI138793	Molecular Determinants of HIV hypermutation	\$230,750
2018	UNIVERSITY OF MINNESOTA	MN	R01AI140631	Making and breaking CD8+ T cell self-tolerance	\$497,181
2018	MAYO CLINIC	MN	R03AI131011	Kruppel-like factor (KLF) 10 regulates intestinal macrophages and experimental colitis	\$79,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	F32AI131468	Interaction between parvovirus replication and the cellular DNA-damage response	\$59,038
2018	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$447,231
2018	WASHINGTON UNIVERSITY	MO	R01AI112508	IDENTIFICATION OF THE ANTIMALARIAL TARGET OF PEPSTATIN ESTERS	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$800,058
2018	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$696,492
2018	WASHINGTON UNIVERSITY	MO	R01AI123407	ROLE OF CELL WALL INTEGRITY IN ECHINOCANDIN RESISTANCE IN C. NEOFORMANS	\$380,000
2018	WASHINGTON UNIVERSITY	MO	K23AI130389	Accelerating Translational Development of Novel Antigens for an Enterotoxigenic E. coli Vaccine	\$146,269
2018	WASHINGTON UNIVERSITY	MO	R21AI130584	SELECTIVE INHIBITION OF THE P. FALCIPARUM GLUCOSE TRANSPORTER PFHT	\$228,750
2018	WASHINGTON UNIVERSITY	MO	K08AI135097	INTESTINAL MICROBIAL REGULATION OF ANTIVIRAL IMMUNITY	\$175,606
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI130347	ROLE OF DENDRITIC CELLS IN REGULATING VACCINE- INDUCED IMMUNITY AGAINST Q FEVER	\$228,100
2018	WASHINGTON UNIVERSITY	MO	R01AI134847	Chemical disarming of drug resistance in Mycobacterium tuberculosis	\$668,717
2018	WASHINGTON UNIVERSITY	MO	R01AI134962	THE ROLE OF NEUTROPHILS IN REGULATING DISEASE SEVERITY OF VIRAL SEXUALLY TRANSMITTED INFECTIONS	\$389,063
2018	GATEWAY PROFESSIONAL CONSULTING LLC	MO	R43AI138683	Development of a new colon-targeting and rapid-release metronidazole treatment for Clostridium difficile infection	\$292,082
2018	WASHINGTON UNIVERSITY	MO	U01AI131349	Evaluation of Antigen-Specific Immune Interactions with Commensal Bacteria in Neonates	\$300,958
2018	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$988,938
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI110420	TCR signal transduction in the regulation of T cell memory	\$359,309
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$383,750
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$497,532
2018	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$153,547
2018	WASHINGTON UNIVERSITY	MO	K08AI120854	CONTROL OF HIV REPLICATION BY CYCLIN L2	\$172,302
2018	WASHINGTON UNIVERSITY	MO	R01AI126909	Pathogenesis of HRPII in Cerebral Malaria	\$381,250

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2018	WASHINGTON UNIVERSITY	MO	R01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$662,693
2018	WASHINGTON UNIVERSITY	MO	R21AI131254	GORILLA ADENOVIRUS ZIKA VACCINE FOR HUMANS	\$228,750
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI127404	T cell suppression caused by persistent virus infection	\$228,100
2018	WASHINGTON UNIVERSITY	MO	K08AI127714	VIRULENCE REGULATION AND PROTECTIVE IMMUNITY IN KLEBSIELLA PNEUMONIA	\$175,738
2018	WASHINGTON UNIVERSITY	MO	R01AI134236	The Role of Group 3 Innate Lymphoid cells (ILC3) in Tuberculosis	\$976,790
2018	BACTERIOSCAN, INC.	MO	R43AI136184	Minimizing bloodstream infection detection time using laser light-scattering	\$210,937
2018	WASHINGTON UNIVERSITY	MO	R01AI136515	The Role of Route of Entry by Bacterial Antigens on Colonic T Cell Responses	\$543,935
2018	SAINT LOUIS UNIVERSITY	MO	R21AI138096	Antenatal Inflammation and Infant Immunity	\$189,375
2018	WASHINGTON UNIVERSITY	MO	R01AI140397	ORIGINS AND FUNCTIONS OF UTERINE NATURAL KILLER CELLS IN PREGNANCY	\$545,181
2018	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$2,330,854
2018	WASHINGTON UNIVERSITY	MO	R01AI123780	COMMON IMMUNE CORRELATES OF RISK OF TB DISEASE IN ANIMAL MODELS AND HUMANS	\$726,447
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI133450	Development of a Host Targeted Therapeutic for Pneumonic Plague	\$180,684
2018	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$420,772
2018	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$445,698
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134661	How Do Arboviruses Escape the Mosquito Midgut?- Analysis of a Novel Mechanism	\$383,234
2018	WASHINGTON UNIVERSITY	MO	R01AI125045	Preclinical studies of a Cryptococcus vaccine for AIDS patients	\$644,346
2018	WASHINGTON UNIVERSITY	MO	R01AI127554	Glycogen in Bacterial Vaginosis & How Carbohydrates Shape the Vaginal Microbiome	\$380,950
2018	WASHINGTON UNIVERSITY	MO	R01AI127513	IFN Dependent Control of Acute and Chronic Chikungunya Virus Induced Disease	\$528,239
2018	WASHINGTON UNIVERSITY	MO	R21AI128427	Targeting Fatty Acid Metabolism to Treat TB	\$190,625
2018	WASHINGTON UNIVERSITY	MO	P01AI116501	Pathways Regulating Lung Transplant Tolerance	\$1,442,522
2018	WASHINGTON UNIVERSITY	MO	P01AI120943	Structural and Functional Characterization of the Ebola Virus Replication Complex	\$2,613,671
2018	WASHINGTON UNIVERSITY	MO	K08AI128043	Role of virus-receptor interactions in determining norovirus tropism and pathogenesis in vivo	\$188,404
2018	VaxNewMO LLC	MO	R41AI136233	Glycoengineering a bioconjugate vaccine against Klebsiella pneumoniae	\$299,999

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2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI135160	B cells in Pathogenesis of Brucellosis	\$223,284
2018	WASHINGTON UNIVERSITY	MO	R21AI132133	Immune Protection Against Sexually Transmitted Zika Virus Infection	\$190,625
2018	WASHINGTON UNIVERSITY	MO	R01AI130454	Mechanisms of Innate Immune Evasion by Mycobacterium Tuberculosis	\$567,384
2018	WASHINGTON UNIVERSITY	MO	R21AI140979	Cryptococcal factors in host cell interactions	\$232,500
2018	WASHINGTON UNIVERSITY	MO	R21AI139813	DIVISION OF LABOR IN HUMAN B CELL RESPONSES TO INFLUENZA VIRUSES	\$228,750
2018	INTACT GENOMICS INC	MO	R43AI138765	Rapid dissection of the biosynthesis of antiMRSA antibiotics produced in co-culture by extremophilic fungi through the development of Fungal Artificial Chromosomes	\$229,472
2018	WASHINGTON UNIVERSITY	MO	R01AI139251	IDENTIFICATION AND CHARACTERIZATION OF RNA STRUCTURES IN THE GENOME OF INFLUENZA VIRUS	\$499,724
2018	WASHINGTON UNIVERSITY	MO	R01AI134035	CIS-REGULATORY CIRCUITS FOR ILC FUNCTION AND PLASTICITY	\$654,900
2018	WASHINGTON UNIVERSITY	MO	R01AI077600	Epithelial Responses to Bacterial Invasion	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$383,126
2018	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$555,389
2018	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$6,534,559
2018	WASHINGTON UNIVERSITY	MO	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	\$595,718
2018	WASHINGTON UNIVERSITY	MO	R21AI131206	IDENTIFICATION OF NATURAL GENOMIC VARIANTS THAT INFLUENCE CRYPTOCOCCAL VIRULENCE	\$190,625
2018	SAINT LOUIS UNIVERSITY	MO	R21AI124672	Defining approaches for improving HID and HPD compounds as HBV RNaseH antagonists	\$189,375
2018	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$524,416
2018	WASHINGTON UNIVERSITY	MO	K22AI127846	Regulation of Interferon-Lambda Signaling by Commensal Bacteria and Norovirus	\$108,000
2018	WASHINGTON UNIVERSITY	MO	R01AI128845	LIVER TISSUE-RESIDENT NATURAL KILLER CELLS	\$197,033
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI137504	Use of a Humanized Antibody against Intracellular Bacterial Pathogen	\$228,100
2018	WASHINGTON UNIVERSITY	MO	R01AI137162	Structural Vaccinology and Design of Novel Immunogens for Malaria Vaccine Development	\$749,945

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	WASHINGTON UNIVERSITY	MO	R21AI137188	PEPTIDOGLYCAN MODIFICATION AS AN IMMUNITY MECHANISM AGAINST TYPE 6 SECRETION ATTACK IN ACINETOBACTER	\$228,750
2018	WASHINGTON UNIVERSITY	MO	R01AI134967	DEFINING NOVEL, EVOLUTIONARILY CONSERVED HOST FACTORS CRITICAL FOR VIRUS INFECTION.	\$387,500
2018	WASHINGTON UNIVERSITY	MO	R01AI130222	Leishmania RNA viruses and pathogenesis	\$656,963
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI134681	Mimetic Peptides-Mediated Protection Against Coxiella burnetii Infection	\$536,977
2018	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$381,250
2018	WASHINGTON UNIVERSITY	MO	F30AI129110	Metabolic requirements of NK cell responses to viral infection	\$30,434
2018	WASHINGTON UNIVERSITY	MO	R01AI113118	UNDERSTANDING AUTOREACTIVE T CELL PATHOGENICITY	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$412,445
2018	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$506,896
2018	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$342,000
2018	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$453,703
2018	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$383,584
2018	WASHINGTON UNIVERSITY	MO	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$173,105
2018	WASHINGTON UNIVERSITY	MO	R33AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$456,360
2018	SAINT LOUIS UNIVERSITY	MO	R21AI128270	Protective and pathologic effects of Th17 cells specific for an intracellular pathogen	\$189,375
2018	WASHINGTON UNIVERSITY	MO	R01AI138447	Plasmepsin X function in Plasmodium	\$381,250
2018	WASHINGTON UNIVERSITY	MO	F30AI120339	Role of glycan precursor transporters in Cryptococcus neoformans virulence	\$49,524
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116595	The parvovirus-induced DNA damage response and cell cycle perturbations	\$379,413
2018	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$761,813
2018	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$699,874
2018	WASHINGTON UNIVERSITY	MO	R01AI127752	METABOLIC REGULATION OF NATURAL KILLER CELL ACTIVATION	\$381,250

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2018	WASHINGTON UNIVERSITY	MO	R01AI126887	Molecular Microbiology of Enterotoxigenic E. coli Pathogen-Host Interactions	\$299,034
2018	FIMBRION THERAPEUTICS INC	MO	R44AI106112	Anti-Virulence FimH Inhibitors for the Treatment and Prevention of UTIs	\$724,797
2018	WASHINGTON UNIVERSITY	MO	R01AI131680	NATURAL KILLER CELL CONTROL OF MURINE CYTOMEGALOVIRUS INFECTION	\$541,877
2018	WASHINGTON UNIVERSITY	MO	K08AI132745	CHARACTERIZATION OF ASTROVIRUS VA1, A NOVEL NEUROTROPIC VIRUS	\$161,774
2018	WASHINGTON UNIVERSITY	MO	R21AI136688	MITOCHONDRIAL REGULATION IN CRYPTOCOCCUS NEOFORMANS	\$232,876
2018	WASHINGTON UNIVERSITY	MO	R21AI140957	DEVELOPING IN VITRO CULTURE SYSTEMS FOR CRYPTOSPORIDIUM HOMINIS CULTIVATION	\$232,500
2018	WASHINGTON UNIVERSITY	MO	R01AI135012	CRYPTOCOCCAL GLYCAN SYNTHESIS	\$475,506
2018	WASHINGTON UNIVERSITY	MO	R03AI139875	THE ROLE OF TH1 CD4 T CELLS IN CONTROL OF VIRAL INFECTION	\$77,500
2018	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R15AI137984	Repression of Salmonella virulence genes by multidrug resistance regulators	\$448,526
2018	WASHINGTON UNIVERSITY	MO	R01AI140755	ROLE OF STRESS IN GUT IMMUNE INTERACTIONS WITH COMMENSAL BACTERIA	\$613,898
2018	SAINT LOUIS UNIVERSITY	MO	R01AI122669	Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	\$440,118
2018	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF HOST RESPONSES TO RESPIRATORY VIRAL INFECTION BY ISG15	\$388,125
2018	WASHINGTON UNIVERSITY	MO	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$412,696
2018	WASHINGTON UNIVERSITY	MO	K08AI121422	IMPROVED ANTIGEN DETECTION TESTS FOR FILARIAL INFECTIONS	\$173,389
2018	SAINT LOUIS UNIVERSITY	MO	R21AI117128	Viral Categorization and Discovery in Acute Liver Failure with Unknown Etiology	\$189,375
2018	WASHINGTON UNIVERSITY	MO	R01AI130591	PARP9-DTX3L Control Of Viral Infection and Airway Disease	\$608,777
2018	WASHINGTON UNIVERSITY	MO	R37AI049653	DIFFERENTIATION AND FUNCTION OF MONOCYTES AND MACROPHAGES	\$381,250
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121492	Structures of Membrane bound and Inserted Tetanus Toxin	\$189,144
2018	WASHINGTON UNIVERSITY	MO	R01AI125363	INVESTIGATING TYPE VI SECRETION IN ACINETOBACTER BAUMANNII AND ITS INTERPLAY WITH ANTIBIOTIC RESISTA	\$396,100
2018	WASHINGTON UNIVERSITY	MO	R21AI135490	IDENTIFICATION OF MECHANISMS CONTRIBUTING TO CHIKUNGUNYA VIRUS INDUCED CHRONIC ARTHRITIS	\$190,625
2018	SAINT LOUIS UNIVERSITY	MO	R21AI135311	Nucleotidyl transferase antagonists as inhibitors of HSV replication	\$189,375

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2018	WASHINGTON UNIVERSITY	MO	R13AI138535	ANNUAL INTERNATIONAL PEDIATRIC ANTIMICROBIAL STEWARDSHIP CONFERENCE	\$5,500
2018	SAINT LOUIS UNIVERSITY	MO	R03AI139835	Enhanced Virome Sequencing in Human Blood	\$75,750
2018	WASHINGTON UNIVERSITY	MO	R01AI138565	Enterotoxigenic B. fragilis Acquisition in Disease Susceptibility	\$389,375
2018	WASHINGTON UNIVERSITY	MO	R01AI118938	The Role of IFI35 in Innate Immunity and Influenza Pathogenesis	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI125743	HISTAMINE-INDEPENDENT MAST CELL NERVE INTERACTIONS IN ALLERGY	\$381,250
2018	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	\$376,408
2018	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	\$381,250
2018	WASHINGTON UNIVERSITY	MO	R01AI114551	AUTOIMMUNE DIABETES: EARLY EVENTS IN ISLETS OF LANGERHANS	\$455,659
2018	WASHINGTON UNIVERSITY	MO	R01AI123926	Multi-platform High Throughput Screens for Filoviral Replication Inhibitors	\$704,845
2018	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$613,556
2018	WASHINGTON UNIVERSITY	MO	R01AI129545	Natural Killer Cell Tolerance to Self	\$525,719
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI129996	Host Response and Immunity to Yersenia pestis Infection	\$366,637
2018	WASHINGTON UNIVERSITY	MO	R01AI130152	Regulation of Normal and Pathogenic B Cell Proliferation by a c-Myc-initiated Transcription Factor Cascade	\$476,096
2018	WASHINGTON UNIVERSITY	MO	R00AI125065	DEVELOPING HUMANIZED MOUSE MODELS FOR THE STUDY OF HIV-1 LATENCY AND VIRAL EDUCATION	\$249,000
2018	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI136611	Characterization of novel small molecule inhibitors of Vpu as potential HIV therapeutics	\$189,394
2018	WASHINGTON UNIVERSITY	MO	R01AI125618	ITACONATE AS METABOLIC REGULATOR OF INFLAMMATION	\$381,250
2018	WASHINGTON UNIVERSITY	MO	U01AI131342	GUT SPECIFIC AND TIME-LIMITED EVENTS IN EARLY LIFE PROMOTING TOLERANCE	\$452,875
2018	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$381,249
2018	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	\$1,266,280
2018	WASHINGTON UNIVERSITY	MO	K08AI113184	THE MICROBIOTA AND MUCOSAL IMMUNE RESPONSES IN THE DEVELOPMENT OF ASTHMA	\$161,948
2018	WASHINGTON UNIVERSITY	MO	R21AI119744	INHIBITION OF STAT TRANSCRIPTION BY TOXOPLASMA	\$190,625
2018	WASHINGTON UNIVERSITY	MO	R21AI133291	RECOGNITION AND SIGNALING OF VIRAL INFECTION IN C. ELEGANS	\$190,625

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2018	WASHINGTON UNIVERSITY	MO	R21AI138385	Comparative Effectiveness and Safety of Influenza Immunization Strategies in the Dialysis Population	\$246,398
2018	WASHINGTON UNIVERSITY	MO	R21AI137450	A Genetic Locus that Regulates Susceptibility to Highly Pathogenic H5N1 Influenza Virus	\$232,500
2018	WASHINGTON UNIVERSITY	MO	R01AI132653	Regulation of Immune Responses to Mycobacterium tuberculosis Infection	\$587,643
2018	MISSISSIPPI STATE UNIVERSITY	MS	R21AI135820	Risk Assessment of Influenza A viruses	\$181,875
2018	MISSISSIPPI STATE UNIVERSITY	MS	R01AI139479	Structure, Orientation, and Competitive Interactions of S. Epidermidis Biofilm Proteins on Surfaces	\$353,791
2018	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$372,603
2018	UNIVERSITY OF MISSISSIPPI	MS	R01AI132579	Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure	\$587,839
2018	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750
2018	MONTANA STATE UNIVERSITY	MT	R01AI113330	Resuscitation of P. aeruginosa biofilm cells from dormancy	\$324,000
2018	MONTANA STATE UNIVERSITY	MT	R21AI140163	Genetic and physiological analyses of P. aeruginosa dormancy factors	\$213,360
2018	UNIVERSITY OF MONTANA	MT	K22AI125282	Understanding polymer-induced bacterial aggregation and antimicrobial tolerance	\$158,960
2018	MONTANA STATE UNIVERSITY	MT	R21AI128295	The SaeR/S Regulatory System of Staphylococcus aureus Prevents Complement-mediated Interactions with Human B cells	\$180,000
2018	INIMMUNE CORP	MT	R43AI136081	Novel synthetic TLR4 agonists	\$176,807
2018	UNIVERSITY OF MONTANA	MT	R01AI130247	Regulation of glycerol utilization in Borrelia burgdorferi	\$449,998
2018	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$411,403
2018	UNIVERSITY OF MONTANA	MT	R21AI133334	Metabolic regulation during the two-host lifecycle of Borrelia	\$259,951
2018	UNIVERSITY OF MONTANA	MT	R01AI137146	Fusion: Vaccine conjugate technology to advance vaccine safety and efficacy	\$699,174
2018	MONTANA STATE UNIVERSITY	MT	R56AI135039	Sensing and Adapting to the Neutrophil: SaeR/S Dependent Evasion Strategies Used by Staphylococcus aureus	\$373,315
2018	UNIVERSITY OF MONTANA	MT	R21AI131681	CryoEM structural analysis of Lassa virus GPC	\$164,003
2018	MONTANA STATE UNIVERSITY	MT	R21AI130670	CRISPR generated human genome knockout library for understanding Chlamydial pathogenesis	\$189,615
2018	UNIVERSITY OF MONTANA	MT	R21AI128575	Small RNAs of Bartonella bacilliformis; the agent of Carrion's disease in humans	\$179,520
2018	MONTANA STATE UNIVERSITY	MT	R21AI139935	Mechanism and effectors of early HSV-1 superinfection exclusion	\$216,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF MONTANA	MT	R01AI138981	Immunization against filamentous bacteriophages to prevent bacterial infection	\$1,152,978
2018	UNIVERSITY OF MONTANA	MT	R15AI131161	Preclinical development of natural product antibiotics	\$434,994
2018	MONTANA STATE UNIVERSITY	MT	R01AI136758	Cytotoxic immunoconjugates to deplete persistent HIV reservoirs	\$649,327
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$3,009,151
2018	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$28,308,112
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$2,018,886
2018	WAKE FOREST UNIVERSITY	NC	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$321,589
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119073	Role of caspase-11 in innate immunity	\$341,839
2018	EAST CAROLINA UNIVERSITY	NC	R01AI126398	Interferon-beta as an Adjuvant for Tolerogenic Vaccination	\$416,673
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI129431	Viral and host determinants of Zika virus tissue tropism	\$190,000
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K22AI125501	Investigating S. aureus persister formation under physiological conditions	\$107,680
2018	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	\$397,500
2018	CLINICAL SENSORS, INC.	NC	R42AI112064	Microfluidic Nitric Oxide Sensor	\$694,143
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129541	PlrSR-dependent Signal Transduction in Bordetella Virulence	\$499,020
2018	Duke University	NC	R21AI128124	Interferon-driven ubiquitin response targets Chlamydia inclusions in human cells	\$238,500
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI131241	Inhaled pyrazinoic acid for tuberculosis therapy	\$220,013
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132178	Broad-spectrum antiviral GS-5734 to treat MERS-CoV and related emerging CoV	\$1,166,670
2018	Duke University	NC	R01AI127715	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$435,628
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI134438	Identifying A New Class of HIV Maturation Inhibitors	\$233,250
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132547	RDT-undetectable Malaria in the DR Congo: Epidemiology and Development of Alternatives	\$758,337
2018	AFFINERGY LLC	NC	R43AI138631	Autoantibody profiling to develop a novel diagnostic array for systemic sclerosis	\$299,244
2018	Duke University	NC	R13AI138875	2018 INTEREST Conference	\$45,000
2018	AFFINERGY LLC	NC	R44AI140931	Novel assay to monitor Tacrolimus levels at the point of care	\$300,000
2018	RIVIS, INC	NC	R43AI138757	Novel High Flux Irradiator for Pathogen Inactivation of Blood Products	\$230,121

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	Duke University	NC	R21AI133013	Quantifying parasite importation in an epidemic-prone zone of northern Kenya	\$188,851
2018	Duke University	NC	R56AI139425	Human GBPs as regulators of immunity to intracellular bacterial pathogens	\$464,767
2018	Duke University	NC	K23AI137121	mHealth Peer Support to Reduce Rates of STIs in Black MSM PrEP Users	\$183,061
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI140799	Next generation ultra-long acting antiretroviral formulations for HIV treatment and prevention	\$776,006
2018	Duke University	NC	R01AI139207	Dynamic Control of Innate Antiviral Immunity in Skin Homeostasis and Inflammation	\$575,376
2018	Duke University	NC	U19AI135902	Messenger RNA immunogens for initiation of HIV V3-glycan neutralizing B cell lineages	\$2,079,017
2018	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$643,994
2018	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$425,840
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135105	Prevalence, Pathogenesis, and Persistence of Lassa Fever in West Africa	\$751,045
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$377,550
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	\$182,767
2018	Duke University	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$2,574,471
2018	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$427,139
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109965	Discovery of New Innate Immune Pathways in Viral Recognition	\$2,863,677
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$4,359,363
2018	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$447,835
2018	Duke University	NC	R01AI127711	Modulation of Host Cell Environment by Mycobacterial PE/PPE Proteins	\$553,074
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127845	Natural history, immunity, and transmission patterns of sapovirus in a Nicaraguan birth cohort	\$661,085
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI121516	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$199,568
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127024	Integrating Decision Making Studies into HIV Cure Trials: A real-time longitudinal assessment	\$533,093
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$298,942
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI120796	Mentoring new investigators in PMTCT implementation research	\$183,183

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121462	Discovering Histoplasma factors required for initial macrophage interaction	\$190,000
2018	Duke University	NC	R21AI128283	Study of Subglutinin A as a Potential Immunomodulatory Agent	\$149,684
2018	Duke University	NC	P01AI131276	The origin, predictors, and immune correlates of viral rebound in orally SHIV infected infant monkeys	\$1,651,483
2018	Duke University	NC	U01AI133604	Mitigators of Radiation-Induced Endovascular Injury: Targeting Tie2 and Thrombocytopenia	\$552,798
2018	Duke University	NC	R21AI125988	Impact of Sickle-Trait on Transcriptional Regulation in P. Falciparum Parasites	\$195,479
2018	Duke University	NC	K23AI125670	Immune Profiles to Better Understand Chronic Allograft Dysfunction and Successful Long-term Clinical Outcomes after Human Lung Transplantation	\$179,243
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI134073	Structure based design of recombinant Zika virus antigens for serodiagnosis	\$194,375
2018	Duke University	NC	R21AI132911	Phosphoproteomic identification of Aspergillus fumigatus virulence-associated protein kinase A downstream effectors	\$199,375
2018	Duke University	NC	R21AI137756	LAT in thymic selection of MHC-restricted T cells	\$239,250
2018	ARREVUS INC	NC	R41AI136072	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant wound infections	\$300,000
2018	Duke University	NC	R21AI136556	Antibody and viral determinants of protection against CMV infection following gB/MF59 vaccination	\$251,267
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI103311	The role of host and viral translation factors during HCMV infection	\$75,912
2018	Duke University	NC	R21AI140019	Posttranslational modifications of host proteins by Chlamydia effectors	\$199,791
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI137866	Development of IL6 Transsignaling Mouse as Shared Resource	\$77,500
2018	Duke University	NC	R21AI132677	The relationship between maternal ZIKV-specific and ADE antibodies and fetal outcome	\$225,608
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F30AI129321	Mechanisms of Viral Resistance Mediated by MAP3K7 and CHD1 in Prostate Cancer	\$49,524
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI126667	Mechanisms of neutrophil dysfunction during primary pneumonic plague	\$32,696
2018	Duke University	NC	R01AI142376	Genetic analysis of mucin utilization by Akkermansia muciniphila and its impact on host physiology	\$491,625
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI116725	The TREX1 Pathway in Autoimmune Disease	\$386,640
2018	Duke University	NC	P01AI120756	Bridging Antibody Fc-mediated Antiviral Functions Across Humans and Non-human Primates	\$3,192,636
2018	Duke University	NC	T32AI052077	Basic Immunology Training Program	\$186,229
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$380,000

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$310,441
2018	Duke University	NC	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$110,025
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$435,587
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107949	Epidemiological and Spatial Models of Malaria Transmission	\$411,704
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$2,873,337
2018	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$665,182
2018	Duke University	NC	R21AI127551	Defining the Aspergillus fumigatus Calcineurin-Dependent Regulatory Network through Whole Phosphoproteome Analysis	\$198,750
2018	Duke University	NC	R21AI126024	Spatial Scales of Plasmodium Falciparum Generations; Implications for Elimination	\$149,834
2018	RIBOMETRIX LLC	NC	R21AI131801	Targeting the HIV RNA genome using fragment-based ligand discovery	\$103,850
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI122319	Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence	\$1,009,409
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123010	The Role of Human Gut Microbiota in HIV-1 Rectal Acquisition, Replication, and Pathogenesis	\$728,110
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131430	Development and pre-clinical evaluation of a novel Polymer-Based In-Situ Forming Implant (ISFI) for Long-Acting HIV PrEP	\$662,236
2018	Duke University	NC	R21AI133444	The effects of cells that survive direct influenza A virus infection on lung repair	\$235,238
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI134363	The HIV Reservoir in Women: Implications for HIV cure interventions	\$548,778
2018	Duke University	NC	F31AI127303	Identifying key determinants of IgG transplacental transfer from HIV-infected mothers to their fetus	\$35,784
2018	Duke University	NC	K23AI116869	Viral Zoonoses and Severe Febrile Illness in Northern Tanzania	\$189,432
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI125780	Immune regulation by pneumococcus	\$193,750
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI130936	University of North Carolina Food Allergy Initiative	\$235,000
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI139304	Intestinal epithelial cell exfoliation by caspases	\$427,625
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI140161	Therapeutic DNA Vaccine for Shellfish Allergies	\$88,433
2018	Duke University	NC	R38AI140297	Duke Resident Physician-Scientist Program- NIAID	\$353,784
2018	Duke University	NC	R56AI139216	Discovery and validation of broadly effective LpxH inhibitors as novel therapeutics against multi-drug resistant Gram-negative pathogens	\$393,419

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2018	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R01AI123327	Oviposition attractants for sand fly control	\$368,118
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI029564	Molecular and Functional Analysis of NLR Family Members	\$502,407
2018	Duke University	NC	T32AI007392	Interdisciplinary Research Training Program in AIDS	\$411,509
2018	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,831,319
2018	DUKE UNIVERSITY MEDICAL CENTER	NC	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$397,500
2018	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$84,256,416
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$594,626
2018	Duke University	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$373,498
2018	Duke University	NC	R01AI118903	HOST GENETIC VARIATION REGULATING SALMONELLA INVASION AND DISEASE SUSCEPTIBILITY	\$428,645
2018	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$10,000,000
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$195,918
2018	Duke University	NC	R21AI130574	Effect of m6A editing of RNA on influenza A virus replication	\$198,750
2018	Duke University	NC	R21AI129852	Pregnant rabbits as a model to evaluate the causative role of ZIKV infection in the etiology of congenital malformations	\$195,569
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$380,000
2018	Duke University	NC	R01AI131978	Functional profile to HIV vaccine elicited antibodies in infants	\$400,494
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI121558	Variation in Resistance and Fitness to Artemisinins in African Malaria	\$673,774
2018	Duke University	NC	R01AI125604	Dynamics of horizontal gene transfer in response to antibiotic treatment	\$377,644
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123535	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$655,110
2018	Duke University	NC	K08AI123524	Investigating a Novel Co-regulation of Multi-Drug Efflux Pumps and Polysaccharide Capsule in E. coli	\$188,478
2018	EAST CAROLINA UNIVERSITY	NC	R21AI133163	Activation of HMOX1 expression by an HBZ-small Maf complex as a potential therapeutic target for HTLV-1 associated diseases.	\$184,375
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135556	AIM2 Function in Beta Cells and Type 1 Diabetes	\$233,250
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI134990	Mentoring in Translational Malaria Genomics	\$174,464

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI136990	Blocking type I interferon signaling to reverse T cell exhaustion and control HIV-1 reservoirs	\$862,217
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R61AI136002	Innovative 3D Printed Intravaginal Rings: Reengineering Multipurpose Intravaginal Rings for Prevention of HIV, STIs and Unintended Pregnancy	\$463,824
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI110700	Mechanisms of MERS-CoV Entry, Cross-species Transmission and Pathogenesis	\$727,370
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$483,933
2018	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$370,925
2018	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$940,355
2018	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$530,101
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI125087	Comparative effectiveness of tailored HIV treatment plans and mortality	\$131,606
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$728,895
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$1,348,882
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125097	Peripheral and tissue-resident gamm/delta T cells in HIV latency	\$555,190
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI119558	Evaluating the Role of Neutrophils in the Progression of Pneumonic Plague	\$188,217
2018	Duke University	NC	K23AI125677	Novel Diagnostics to Improve Antimicrobial Stewardship for Acute Respiratory Tract Infections in Resource-Limited Settings	\$185,820
2018	Duke University	NC	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	\$2,282,761
2018	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$51,500
2018	Duke University	NC	R21AI130406	Anti-Malarial Drug Target Discovery using Energetics-Based Proteomics Methods	\$229,519
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI131310	Phase I therapeutic testing of viral-vectored vaccines that shift CD8+ T cell immunodominance to conserved regions of HIV-1	\$1,169,548
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI120623	Cellular Interactions of VSV Nucleocapsids	\$423,621
2018	EAST CAROLINA UNIVERSITY	NC	R21AI125921	Strategies of Bacteroides fragilis to acquire iron in the intestinal tract.	\$184,375
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI133004	Molecular Analysis of Antibiotic Resistance in Neisseria gonorrhoeae	\$183,178
2018	Duke University	NC	R21AI133644	Temperature-dependent transposon mobilization in Cryptococcus neoformans	\$238,500

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125198	PRECLINICAL ASSAYS TO PREDICT TETRAVALENT DENGUE VACCINE EFFICACY	\$1,082,808
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131060	A dyad approach to combination HIV prevention in pregnancy for Zambia and Malawi	\$620,970
2018	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$534,651
2018	ELEMENT GENOMICS INC	NC	R41AI136755	Reprogrammed T Cells to prevent graft versus host disease	\$221,507
2018	COLLABORATIONS PHARMACEUTICALS, INC.	NC	R41AI134561	Structure-guided optimization of an in vivo active small molecule antitubercular targeting KasA	\$224,998
2018	Duke University	NC	R01AI136891	Small Molecule HIV-1 Entry Inhibitor with Novel Mechanisms of Action	\$440,001
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138056	Defining Functional RNA Structures in an Arthritic Alphavirus Genome	\$231,668
2018	MUCOMMUNE, LLC	NC	R43AI138726	Sustained vaginal delivery of monoclonal antibodies for preventing HIV transmission	\$224,883
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138058	Dual mechanism thiopeptide analogs for TB drug development	\$187,142
2018	Duke University	NC	K23AI135090	Nasopharyngeal Microbiome and Risk of Bacterial Pathogen Colonization in Infants	\$187,329
2018	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI139085	Combining Aedes aegypti genomics and modeling to improve gene drive strategies and our understanding of resistance evolution	\$384,279
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI139126	Early life factors, gene-environment interaction and eosinophilic esophagitis	\$283,658
2018	Duke University	NC	R01AI139032	Non-Invasive Diagnosis of Pediatric Pulmonary Invasive Mold Infections	\$820,854
2018	MUCOMMUNE, LLC	NC	R43AI138728	Nebulized 'muco-trapping' antibodies for treating respiratory syncytial virus (RSV) infections	\$224,893
2018	Duke University	NC	R25AI140495	Quantitative Methods for HIV/AIDS Research	\$125,413
2018	Duke University	NC	R01AI125517	Genetic dissection of angiogenesis in the tuberculous granuloma	\$397,500
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$388,750
2018	Duke University	NC	F30AI140497	Protective role of dectin-1 signaling in an animal model of Multiple Sclerosis	\$49,524
2018	Duke University	NC	R01AI133654	The Genetic Basis of Virulence in Cryptococcus Neoformans	\$532,045
2018	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$409,017
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$651,300
2018	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$349,474
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$188,652

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$207,970
2018	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$467,816
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$587,654
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$415,492
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114310	Spurring Innovation in HIV Testing and Linkage: A Crowdsourcing Approach	\$681,322
2018	Duke University	NC	R01AI118182	Supramolecular nanofiber vaccines	\$603,409
2018	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$24,936,248
2018	Duke University	NC	R01AI123083	Structure-Function Analysis of Chlamydia Secretion Chaperones	\$517,940
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI118876	Regulation of Memory B Cell Responses to Polysaccharide Antigens	\$384,390
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129731	Leveraging Big Data to understand and improve continuity of care among HIV-positive jail inmates	\$588,339
2018	Duke University	NC	R21AI132978	Host-derived biomarker signatures to differentiate acute viral, bacterial, and fungal infection	\$198,750
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131685	Murine Model of Human Hepatitis A	\$388,750
2018	Duke University	NC	R21AI128197	Viral mechanisms of necroptosis evasion	\$96,310
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125147	Host Targeted Therapy for Drug Resistant Salmonella and Francisella infection	\$1,159,484
2018	Duke University	NC	P01AI110485	Integrase Defective Lentiviral Vector (IDLV)-ENV Immunogen Strategy for an HIV Vaccine	\$1,831,862
2018	Duke University	NC	R21AI133305	AN ATLAS OF SHARED GENETIC ARCHITECTURE CONNECTING CELL BIOLOGY AND HUMAN DISEASE	\$199,271
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137273	Antibiotic activities against S. aureus during P. aeruginosa co-infection	\$384,736
2018	Duke University	NC	R21AI135999	Mechanism to evade host immunity by Mucorales fungi	\$196,808
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI132925	Regulators of Klebsiella Virulence	\$233,250
2018	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	NC	R15AI138002	Comparative Genomics of Plasmodium vivax: Insights into Duffy Negative Erythrocyte Invasion	\$432,702
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135542	The Role of ATR Signaling in the Life Cycle of HPV	\$233,250
2018	Duke University	NC	R01AI134891	Functional characterization of early Chlamydia effectors	\$433,950
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137395	Determinants of malaria transmission by submicroscopic gametocytemia	\$716,187

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI137525	Biomaterials to study tolerance immune induction kinetics	\$385,768
2018	Duke University	NC	R01AI141444	Malaria diagnostic testing and conditional subsidies to target ACTs in the retail sector: the TESTsmART trial	\$546,792
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135049	Understanding alpha-gal red meat allergy	\$477,297
2018	Duke University	NC	R01AI118571	Dissection of polyreactivity and neutralization activity of HIV-1 Abs	\$667,821
2018	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$176,807
2018	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$5,228,482
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$200,798
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111899	Plug & Purge: In Vivo Targeting of Active HIV Reservoirs That Persist Despite ART	\$453,139
2018	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$610,966
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119032	Dissecting Bubonic Plague	\$376,547
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI113197	The pathogenesis of T. cruzi in HIV-infected persons in Bolivia	\$194,215
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108368	The PHASES Project: Pregnancy and HIV/AIDS-Seeking Equitable Study	\$955,848
2018	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI118769	Structural and mechanistic studies of the IκB Kinase complex	\$372,527
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127346	HIV-1 Vpr disrupts the IFN-TET-ISG pathway to promote HIV-1 infection and persistence	\$532,000
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119164	Natural Immunity Against Chlamydia trachomatis	\$816,540
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI114378	Experimental human infection with isogenic mutants of Neisseria gonorrhoeae	\$739,134
2018	Duke University	NC	R21AI128727	IL-27 in skin host defense and regeneration	\$196,709
2018	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$2,336,538
2018	Duke University	NC	U19AI131471	The Risks and Opportunities of Homeostatic Repopulation	\$2,434,258
2018	REDBUD LABS INC	NC	R44AI124930	Device for rapid extraction of rare pathogens from raw samples	\$1,140,832
2018	Duke University	NC	F31AI131477	Novel Regulatory Controls of Hepatitis C Virus Envelopment and Secretion by the Viral NS4A Protein	\$36,166
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI137887	Molecular Characterization of Functional RNA Structures in the ZIKV genome	\$231,668

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2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI135899	Systematic analysis of components of mycobacterial Mce transporters	\$230,992
2018	Duke University	NC	R13AI136762	HIV Research for Prevention 2018: Vaccine, Microbicide and ARV-based Prevention Science (HIVR4P)	\$1,400,000
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI133236	Natural killer cell cytotoxicity against intracellular bacteria	\$301,521
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI135970	Timely monitoring and response to HIV transmission networks for intensified prevention	\$760,585
2018	REDBUD LABS INC	NC	R43AI136461	Device for rapid, on-chip, sample-to-answer bacterial identification and drug susceptibility testing	\$294,357
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI140970	HIV Evolution Defines Virus-Host/Drug Interactions In Viremic and Aviremic People	\$672,672
2018	Duke University	NC	R01AI140897	Neonatal Immunity to novel TF SHIVs	\$773,898
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI138337	Obesity associated viral pathogenesis	\$388,750
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI138797	Modeling immune impairments and pathogenesis in novel humanized mice for HBV-HIV co-infection	\$797,362
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$2,727,484
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$238,453
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$521,675
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$380,000
2018	Duke University	NC	R01AI093257	Evolution of Cryptococcus neoformans Strains from Patients with HIV/AIDS	\$367,153
2018	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$172,509
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	\$41,359
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123193	Functional protein networks underlying T cell growth, proliferation and differentiation	\$377,975
2018	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$1,779,813
2018	Duke University	NC	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$237,375
2018	Duke University	NC	R01AI125416	Defining the role of the RNA modification N6-methyladenosine in the hepatitis C virus lifecycle	\$489,059
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI126619	Collaboratory of AIDS Researchers for Eradication (CARE)	\$4,592,950
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI129532	Zika virus in the human genital tract and implications for transmission	\$171,432

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2018	CELL MICROSYSTEMS INC	NC	R42AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	\$801,617
2018	Duke University	NC	F30AI126693	Role of Cholesterol Efflux Blockade in Mycobacterial Infection In Vivo	\$36,064
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI138247	Genetically Engineered Hamsters as Small Animal Models for Testing RSV Therapeutics	\$273,925
2018	EAST CAROLINA UNIVERSITY	NC	R21AI130970	Genetic regulation of intestinal epithelial cell innate immune signaling in human type 1 diabetes	\$144,784
2018	ARREVUS INC	NC	R42AI136065	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant bacteremia	\$297,455
2018	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI135645	Harnessing Copper to Impede Uropathogen Colonization	\$229,102
2018	NEOCHROMOSOME, INC.	NC	R43AI141053	Yeast synthetic biology platform for pathway-level antimicrobial screens	\$150,000
2018	EAST CAROLINA UNIVERSITY	NC	R01AI132818	Delineation of unique flagellar proteins in spirochetes	\$431,225
2018	ARREVUS INC	NC	R41AI140782	Development of a Designer Proline-rich antimicrobial peptide Chaperone protein inhibitor (DPC) for treating multi-drug resistant urinary tract infections	\$295,171
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI140520	INTERSPECIES INTERACTION AND ANTIBIOTIC EFFICACY AGAINST STAPHYLOCOCCUS AUREUS	\$32,696
2018	Duke University	NC	R01AI130236	Macrophage Reprogramming During Granuloma Formation in the Zebrafish	\$427,101
2018	Duke University	NC	R01AI117780	Disruption of latent HIV-1 proviruses using CRISPR/Cas endonucleases	\$741,715
2018	Duke University	NC	R01AI128832	Immunity to novel T/F SHIVs: variability in the co-evolution of virus and host immunity	\$1,303,208
2018	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$380,000
2018	UNIVERSITY OF NORTH DAKOTA	ND	R21AI119771	Endectocide use in livestock as a tool to help eliminate malaria in Central America	\$243,250
2018	UNIVERSITY OF NORTH DAKOTA	ND	R21AI136472	Efferocytosis and neutrophil homeostasis in pneumonic sepsis	\$208,500
2018	UNIVERSITY OF NORTH DAKOTA	ND	R01AI121804	Molecular mechanism of Mincle mediated NET formation:Implications for pneumonic sepsis	\$347,500
2018	UNIVERSITY OF NORTH DAKOTA	ND	R01AI138203	Long noncoding RNAs interact with miRNAs to regulate inflammatory response	\$347,500
2018	UNIVERSITY OF NORTH DAKOTA	ND	R03AI127969	SV40 ENCAPSIDATION AS A REGULATOR OF CHROMATIN STRUCTURE	\$69,500
2018	NORTH DAKOTA STATE UNIVERSITY	ND	R21AI137963	A Porcine Model for Torque Teno Virus Infections	\$223,176
2018	UNIVERSITY OF NORTH DAKOTA	ND	R01AI109317	Lung innate immunity against bacterial infection	\$345,000
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$681,834

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2018	CREIGHTON UNIVERSITY	NE	R21AI119829	Implications of B10-like cell expansion in a model of impaired receptor editing	\$181,875
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	K22AI123467	Structural Basis of Type IV Pilus-Induced Clostridium difficile Microcolony Formation	\$106,200
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI139963	Dissecting the metabolic determinants of micro-niche development within Staphylococcus aureus biofilm	\$190,625
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI121351	Group testing for infectious disease detection: multiplex assays and back-end screening	\$364,103
2018	CREIGHTON UNIVERSITY	NE	R01AI117740	Long-acting antiretroviral nanoparticles for HIV prophylaxis	\$544,860
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105147	Database designed novel anti-MRSA peptides	\$376,250
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R03AI130174	Receptor-mediated steps in enterovirus infection involve allostery	\$81,434
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125588	The role of arginine catabolic pathways in modulating staphylococcal fitness	\$376,250
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI124965	The Lymphoid Tissue Pharmacology of Antiretroviral Drugs	\$742,442
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI121050	EP67-Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV	\$376,250
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$598,659
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,895,813
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI125207	Comparative Virology Research Training Program	\$168,664
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI130841	Uncovering pathogenic anti-bacterial defense mechanisms to identify novel targets for prevention of T1D	\$595,601
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125137	Host-Directed Immunotherapy: A "One Health" Approach	\$355,373
2018	CREIGHTON UNIVERSITY	NE	R01AI136877	LincRNAs in Mucosal Defense to AIDS Opportunistic Pathogen Cryptosporidium	\$363,750
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI137900	Leveraging insights into the Plasmodium falciparum ubiquitin-proteasome system and the unfolded protein response to combat artemisinin resistance through synergistic combinations	\$228,626
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI138613	Chemical, Nanomedicine and Autophagy Strategies to Create Sustained-Release Antiretroviral Products	\$719,816
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI129745	Limiting HIV establishment and maintenace by preserving intestinal immunity	\$829,440
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI114653	Mechanism of the Antiviral Activity of BAF Against Poxvirus and HSV-1 Infection	\$368,286
2018	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$407,626
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI119090	Nanomedicine Development for Systemic Lupus Erythematosus	\$376,250

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2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$377,700
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI140573	International Conference on Grampositive Pathoegns	\$8,000
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R03AI128230	Surface antimicrobial coating to prevent bacterial biofilms	\$75,250
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	K23AI134307	Clinical Pharmacology of Efavirenz Combined with High Dose Rifapentine	\$164,973
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI128527	SOCS1 regulations of influenza infection	\$190,417
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125589	The molecular control of bacterial programmed cell death	\$376,250
2018	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI126299	Mucosal Delivery and Retention of Ebola Inhibitor Scytovirin Using Lactobacillus	\$260,639
2018	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI140026	Modeling chikungunya virus infection in a vascularized bone model	\$228,626
2018	DARTMOUTH COLLEGE	NH	R21AI130540	Optimization of a novel compound that enhances the activity of beta-lactams against Gram+ bacteria	\$236,688
2018	CELDARA MEDICAL LLC	NH	R41AI132047	Therapeutic antibodies for treatment of hantavirus cardiopulmonary syndrome	\$500,093
2018	LYTICON LLC	NH	R42AI118133	Design and Development of Immunotolerant S. aureus Biotherapies	\$609,888
2018	DARTMOUTH COLLEGE	NH	R21AI137118	Genetic models for latent Toxoplasma gondii infection	\$202,500
2018	DARTMOUTH COLLEGE	NH	R21AI129869	Novel rhopty protein function in chronic toxoplasma infection	\$243,000
2018	DARTMOUTH COLLEGE	NH	R01AI127548	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	\$403,305
2018	DARTMOUTH COLLEGE	NH	F31AI133956	Molecular analysis of variable drug resistance in Candida lusitaniae isolates	\$44,524
2018	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$424,971
2018	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$441,881
2018	DARTMOUTH COLLEGE	NH	R01AI117739	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	\$633,900
2018	DARTMOUTH COLLEGE	NH	R01AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$405,000
2018	IMMUNEXT INC	NH	R44AI138725	Targeting leukocyte metabolism to treat human autoimmune disease	\$1,295,304
2018	DARTMOUTH COLLEGE	NH	R01AI131975	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	\$637,014
2018	CELDARA MEDICAL LLC	NH	R44AI136273	Development of CM-SV1, a monoclonal antibody treatment for Sudan Virus	\$299,913
2018	DARTMOUTH COLLEGE	NH	F31AI138354	Fungal Collagen-Like Proteins Mediate Oxygen Acquisition and Virulence	\$44,524
2018	DARTMOUTH COLLEGE	NH	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$376,615

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2018	DARTMOUTH COLLEGE	NH	R21AI127922	Bypassing the restriction barrier to improve transformation in <i>S. epidermidis</i>	\$243,000
2018	UNIVERSITY OF NEW HAMPSHIRE	NH	R03AI135553	Role of GL12 in B cell biology	\$75,250
2018	DARTMOUTH COLLEGE	NH	R21AI121782	Cholera conjugates designed to prevent colonization and induce B cell memory	\$199,400
2018	DARTMOUTH COLLEGE	NH	F30AI122970	Novel evolutionary platforms and computational strategies for the engineering of quaternary epitope-focused HIV immunogens	\$49,524
2018	DARTMOUTH COLLEGE	NH	R03AI135358	Inducing effective phagocytic clearance of non-motile bacteria	\$81,833
2018	DARTMOUTH COLLEGE	NH	R21AI131630	Novel virulence function in <i>Toxoplasma</i> chronic infection	\$202,500
2018	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homeostasis and infection	\$594,606
2018	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$237,271
2018	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$457,266
2018	DARTMOUTH COLLEGE	NH	R01AI123372	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	\$547,683
2018	DARTMOUTH COLLEGE	NH	R01AI122854	Host microRNA control of gammaherpesvirus latency	\$405,000
2018	IMMUNEXT INC	NH	R44AI129182	Targeting the checkpoint regulator VISTA for treatment of inflammatory disease	\$992,040
2018	DARTMOUTH COLLEGE	NH	R01AI130128	Evolution of <i>Aspergillus fumigatus</i> virulence	\$454,942
2018	DARTMOUTH COLLEGE	NH	R21AI140740	Structural regulation and response to bile salt induced stress of the <i>Vibrio cholerae</i> virulence factor ToxR and its binding partner ToxS	\$204,583
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131617	TB detection in children using a novel stool-based GeneXpert assay	\$549,263
2018	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$506,524
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$786,135
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI118874	Development of New Antibiotics Against Multidrug-Resistant <i>Staphylococcus aureus</i>	\$391,277
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI129870	<i>Toxoplasma</i> entry receptors in the CNS	\$198,750
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI127980	Role of A1 subunit in toxicity of Shiga toxins and inhibition of its activity	\$193,200
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135250	Unraveling colistin resistance in <i>Klebsiella pneumoniae</i>	\$238,500
2018	ROWAN UNIVERSITY	NJ	R01AI128202	Antimicrobial mechanisms of Specialized Proresolving Mediators	\$402,500
2018	ADVANCED BIODEVICES LLC	NJ	R44AI132040	Improved cleaning technology for reducing risk of transmitting infection in endoscopy.	\$999,998
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114647	Regulation of antifungal immunity by monocyte-derived dendritic cells	\$362,012

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2018	PRINCETON UNIVERSITY	NJ	DP1AI124669	Mechano-microbiology: how physical forces control bacterial-host interactions	\$810,000
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123224	Innate Immune regulation of helminth-induced inflammation	\$397,500
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI128264	Roles of TRAF3 in myeloid derived suppressor cells in chronic inflammation	\$193,750
2018	PRINCETON UNIVERSITY	NJ	R01AI130293	Examining fluoroquinolone-induced DNA damage in persisters and its contributions to antibiotic resistance.	\$399,792
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI137080	Urine Colorimetry for Tuberculosis Pharmacokinetics Evaluation in Children and Adults	\$807,746
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$435,021
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$769,649
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$166,104
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$49,524
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132576	Regulation of Th2 differentiation by skin-resident dendritic cells	\$397,500
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132374	Combatting natural resistance and persistence in non-TB mycobacterial disease	\$771,560
2018	PRINCETON UNIVERSITY	NJ	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$531,655
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$637,949
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$5,254,271
2018	PRINCETON UNIVERSITY	NJ	R01AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$398,800
2018	SIGNUM BIOSCIENCES INC	NJ	R44AI132065	A Topical Non-steroidal Anti-inflammatory for Atopic Dermatitis	\$1,136,065
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI125452	Molecular Mechanisms of Rgg Receptor Regulation by Pheromones and Inhibitors	\$474,154
2018	NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	R03AI138133	Remote identification of mosquito species related to infectious diseases using a dual-wavelength polarization sensitive lidar	\$71,053
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI126788	Novel Biomarkers to Shorten TB Treatment	\$725,266
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$774,998
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111397	Pre-clinical Development of an Advanced Genexpert Test for Drug Resistant Mtb	\$1,130,467
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$386,234
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI125185	Program in Infection, Immunity and Inflammation	\$128,591

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2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI125806	Comorbidity of hypercholesterolemia and Lyme disease	\$431,500
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI130628	Iron dependent membrane vesicle production in M. tuberculosis	\$198,750
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI128052	Inhibitors of Plasmodium liver infection	\$238,500
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI130585	Association between altered gut microbiota and the pathogenesis of Multiple Sclerosis	\$198,750
2018	PROKARYOTICS INC.	NJ	R44AI136213	Restoring Beta-lactam efficacy against methicillin-resistant Staphylococci	\$299,999
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI136948	Role of IFN ϵ in immune modulation and HIV infection	\$719,947
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$991,002
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI111647	Discovery and Validation of Drug Targets in Vulnerable Populations	\$478,857
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI122757	Contribution of Innate-like Tregs for Preventing Tissue Inflammation	\$477,000
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123859	Remodeling of ribosome function by MazF toxins	\$207,750
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$732,315
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI127844	The Warburg effect and host immune response in tuberculosis	\$685,290
2018	HACKENSACK MEDICAL CENTER	NJ	R21AI133140	DNA Elements Underlying Celiac and Crohn's Susceptibility	\$261,525
2018	PROKARYOTICS INC.	NJ	R44AI138688	Development of a novel agent to treat antimicrobial resistant Neisseria gonorrhoeae	\$300,000
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI117776	ANTI-HIV COLORECTAL NANOCARRIER-BASED FOAMS FOR MUCOSAL PRE-EXPOSURE PROPHYLAXIS	\$519,406
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI124499	The Candida albicans acetylome in fungal virulence	\$397,500
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI134040	Induction of effector lymphocyte lethargy by helminth coinfection	\$587,042
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123315	The role of inositol in Cryptococcus biology and pathogenesis	\$534,857
2018	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI139100	Mechanisms of cellular respiration-dependent cell lysis and its impact on biofilm formation and disassembly in Staphylococcus aureus.	\$373,475
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135879	Distinguishing Chronic Fatigue Syndrome from Fibromyalgia by Unbiased Proteomics	\$337,987
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI131634	Protective and pathologic functions of macrophages induced by helminths	\$495,400
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI133633	Development of inhibitors of P. falciparum cGMP dependent protein kinase (PfPKG) for malaria chemoprevention	\$701,820

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI135461	Genome-scale tracking of Mycobacterium tuberculosis VapC toxins	\$262,014
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI138986	Novel bi-specific immunoprophylactics against multi-drug resistant Gram-negative bacterial infections	\$1,244,665
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI134656	Regulation of T. brucei infection by RNA binding proteins	\$198,750
2018	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI139589	Molecular triggers of persistent Mycobacterium abscessus infections	\$238,500
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$376,181
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$2,319,395
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI131098	Inducing Immune Control of Bacterial Virulence Regulation	\$186,577
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R13AI138528	The 14th ISDCI Congress	\$9,000
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$658,214
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R03AI137633	A mouse model of Mycobacterium abscessus lung infection that mimics human disease	\$75,750
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI131964	Prevention of HIV-induced T cell killing by autophagy	\$224,160
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI116894	Nano and Microscale Molecular Machines for Innate Immune Sensing of Candida	\$360,399
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI101438	Snail-Related Studies of Transmission & Control of Schistosomiasis in Kenya	\$360,184
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI130663	Rapid Diagnosis of Pediatric Tuberculosis	\$236,525
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI130473	Defining the Inflammation and Immunity Transcriptome in Severe Malarial Anemia for Immunotherapeutic Discovery	\$773,738
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$649,762
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$567,799
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$234,357
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI128159	Sex-dependent phagocyte clearance of Staphylococcus aureus	\$186,028
2018	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$814,699
2018	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI139628	MyD88-independent resistance to Toxoplasma in the intestine	\$376,528
2018	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R01AI109139	Prophylaxis of Clostridium difficile infection	\$639,084
2018	UNIVERSITY OF NEVADA-RENO	NV	R21AI128393	Development of transgenic protocols for the Lyme disease vector, Ixodes scapularis, for tick and tick-borne disease control	\$190,539
2018	UNIVERSITY OF NEVADA-RENO	NV	R03AI128290	Puerperal sepsis and group A Streptococcus heterogeneity	\$71,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF NEVADA-RENO	NV	R01AI122266	Prenatal, Intrapartum and Infant Antibiotic Use and Atopic Diseases in Childhood	\$727,022
2018	UNIVERSITY OF NEVADA-RENO	NV	R01AI123011	Changes in viral and cellular gene expression mediated by KSHV PAN lncRNA	\$356,575
2018	DXDISCOVERY INC	NV	R44AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$289,172
2018	UNIVERSITY OF NEVADA-RENO	NV	R21AI139400	Modulating the pathogenic potential of the group A Streptococcus	\$178,271
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI124464	Gut Microbiome, Acute Rejection, and Tacrolimus Dosing in Kidney Transplantation	\$191,503
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$481,456
2018	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,334,866
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$549,818
2018	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$373,606
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$326,860
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$362,428
2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,672,219
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$502,798
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$433,952
2018	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$497,864
2018	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$417,260
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,802,510
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$504,100
2018	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$581,646
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$467,948
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$576,342
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI113365	Diversifying and Regenerating T Cell Function	\$400,000
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI112546	Protective role of V2 antibodies induced at mucosal tissues in macaques	\$714,266

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF ROCHESTER	NY	T32AI118689	Infection and Immunity: The Pathogenesis of Host-Microbe Interactions	\$239,430
2018	CORNELL UNIVERSITY	NY	R01AI118582	How does HIV lead to increased susceptibility to tuberculosis?	\$551,971
2018	RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC	NY	R01AI122300	Use of ARV Drug Levels in DBS to Assess and Manage ART Adherence in South Africa	\$1,099,420
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI122264	Adaptive-Innate Immune Crosstalk in TGF-B Control of Peripheral T Cell Tolerance	\$524,247
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$401,969
2018	SUNY, BUFFALO	NY	R01AI125982	Developing Advanced Algorithms to Address Major Computational Challenges in Current Microbiome Research	\$350,321
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI126863	Host and viral determinants of hepatitis C virus species tropism	\$39,744
2018	SUNY, BUFFALO	NY	R21AI128421	A novel DNA damage response that inhibits polyomavirus DNA replication	\$198,128
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI126036	Auto-necroptosis in macrophages	\$211,875
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113221	Modulating Immunity to Nucleic Acids and Inducing Tolerance by Gene Transfer	\$421,004
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$450,578
2018	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$405,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$423,750
2018	SUNY, STONY BROOK	NY	R21AI131729	Role of Persistent Zika Virus Infection of Endothelial Cells in Pathogenesis	\$196,682
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130043	Regulation of Nfil3 in innate lymphocyte-mediated host immunity	\$541,694
2018	ROCKEFELLER UNIVERSITY	NY	U01AI129825	3BNC117 and 10-1074 to suppress HIV-1 replication and reduce the reservoir	\$846,953
2018	UNIVERSITY OF ROCHESTER	NY	R03AI135835	Functional consequences of stable expression of the high avidity form of CD28	\$77,000
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI132403	Micron-scale Spatial Metagenomic Mapping of Microbial Biogeography in the Gastrointestinal Tract	\$626,757
2018	SUNY, BUFFALO	NY	R01AI131977	Stress Responsive Reprogramming of Translating mRNA Pools in C. neoformans	\$393,162
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI134100	Engineered circular RNAs: A novel platform for genetically encoded RNA-based biosensors and their application as real-time viral infection reporters	\$44,524
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI134018	Immuno-metabolic regulation of lung inflammation	\$61,174
2018	CORNELL UNIVERSITY	NY	R21AI133203	Using proteomics to identify the P450s responsible for pyrethroid resistance in Aedes aegypti	\$235,500

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2018	HEALTH RESEARCH, INC.	NY	R21AI133219	In vivo efficacy studies of existing drugs re-purposed for flaviviruses in mouse models	\$214,086
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133329	Function and Mechanism of Viperin, a radical SAM antiviral protein	\$208,750
2018	ROCKEFELLER UNIVERSITY	NY	R21AI134041	Host factors in innate immunity and retroelement control	\$211,875
2018	New York University	NY	R01AI132020	Application of a syndemic framework to HPV and HSV infection in emergent adult men	\$776,149
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI100119	Development of lung T cell responses in infant respiratory immunity	\$480,000
2018	New York Blood Center, Inc.	NY	R21AI131203	Babesia: Extracellular Vesicles and their Role in Intercellular Communication	\$263,400
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K22AI127847	Mechanisms mediating tissue repair by leukocytes during influenza virus infection	\$104,527
2018	Trustees Of Columbia University In The City Of New York	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$3,235,511
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130945	Interactions between helminth colonization and the gut microbiota	\$688,030
2018	SUNY, BUFFALO	NY	R21AI138195	Modulation of antigen pharmacokinetics with pH dependent antibody	\$229,749
2018	HEALTH RESEARCH, INC.	NY	R01AI131669	High throughput screening of orthosteric inhibitors of flavivirus protease	\$811,623
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI132555	A Rationally Targeted Approach to Preventing GBS Infection	\$194,724
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132507	A combined computational and experimental approach to the evolution and role of the DNA sequence environment in targeting mutations to antibody V regions	\$603,890
2018	INGENIOUS TARGETING LABORATORY INC	NY	R43AI136141	A Novel Small Animal Model as a Source of Therapy-Bound Single-Chain Antibody Products	\$279,546
2018	SYMBIOTICA, INC	NY	R43AI134541	Symbiotic-based discovery for a safe selective antifungal therapy	\$150,000
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI138329	Endothelial cell transplantation for multi-organ repair to counter radiation injury	\$647,025
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI140724	Rhinovirus respiratory infection and sphingolipid metabolism	\$227,292
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI141088	Humoral immunity against the M. tuberculosis kasB persistent mutant	\$250,500
2018	CORNELL UNIVERSITY	NY	R01AI138570	Regulation of IL10 production in CD8+ T cells during Flu infection by tyrosine kinase Itk	\$388,829
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139290	Harnessing Abs specific for immunogenic and conserved Env epitopes to protect against HIV	\$843,043

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2018	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI136367	Activating adrenergic receptors to suppress the anti-graft immune response and improve survival of composite tissue allografts	\$257,700
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI136405	Mechanisms Governing Expression of AP2-G, the Master Regulator of Sexual Differentiation in Malaria Parasites	\$44,524
2018	CUNY, RESEARCH FOUNDATION	NY	R21AI139782	Genomic & Host Drivers of Borrelia Diversification	\$234,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI136053	Immune Basis & Clinical implications of Threshold-Based Phenotypes of Peanut Allergy	\$1,524,997
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI137073	DEFINING THE ROLE OF CELL MIGRATION IN HUMAN NK CELL DIFFERENTIATION	\$364,500
2018	SUNY, BUFFALO	NY	R21AI139448	Functional characterization of RNA Editing Helicase 1	\$239,250
2018	Trustees Of Columbia University In The City Of New York	NY	R21AI135427	Physiological responses to cell wall-active antibiotics in a Gram-positive bacterium	\$240,000
2018	SUNY, STONY BROOK	NY	R21AI139036	Targeting Tsg101 to Identify Inhibitors of HIV-1 Budding by Experimental, Computational and Virtual Screening	\$197,758
2018	SUNY, BUFFALO	NY	R01AI129649	Pharmacokinetics and Immunodynamics of Immune stimulating chemotherapeutic nanoparticles for TB	\$389,355
2018	UNIVERSITY OF ROCHESTER	NY	R03AI139831	A Novel Mycobacterial Peptidoglycan-Protein Ligase	\$77,000
2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI135063	Mechanisms of polarization of monocytes by DAMPs/PAMPs and C1q	\$424,562
2018	CORNELL UNIVERSITY	NY	R01AI139625	Typhoid Vaccines Targeting Both Salmonella Typhi and Its Secreted Virulence Factor	\$392,291
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI139986	Probing the physiological function of oxo-eicosanoid signaling by intravital imaging in a zebrafish infection model	\$214,625
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$419,353
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI127812	Flu SAFE: Flu SMS Alerts to Freeze Exposure	\$792,235
2018	Trustees Of Columbia University In The City Of New York	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$203,748
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,452,504
2018	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$694,825
2018	UNIVERSITY OF ROCHESTER	NY	K23AI108355	Quantitative Pharmacology for Accelerating Drug Development for HIV/HCV Co-Infected Patients	\$138,978
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$2,166,797
2018	SUNY, STONY BROOK	NY	F31AI124570	Modulation of host cell responses by Francisella tularensis	\$34,492

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2018	SUNY, STONY BROOK	NY	R01AI116420	New antifungals targeting the synthesis of fungal sphingolipids	\$593,029
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123449	Tropism, pathogenicity, and potential for zoonotic spillover of emergent henipa- and henipa-like viruses	\$589,331
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI110593	Advanced Rigidity-based Material for Enhanced Immunotherapy	\$393,896
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105168	Early Events in Pneumococcal Colonization	\$423,750
2018	SUNY, BUFFALO	NY	R01AI111990	Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs	\$934,289
2018	New York University	NY	R01AI108889	Mechanisms of Allosterity and Molecular Recognition in the Small Multidrug Resistan	\$388,149
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$573,029
2018	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI123406	Non-canonical mechanisms of translation of viral mRNAs	\$618,497
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI124186	RNA-directed targeting of AID in immunity and genomic integrity	\$428,500
2018	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	\$504,989
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$490,181
2018	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	P01AI124337	Pushing the envelope: Optimizing vaccine display of flexibly linked HIV Env trimer immunogens	\$2,635,377
2018	COLD SPRING HARBOR LABORATORY	NY	R13AI129217	2018 CSHL Retroviruses Conference	\$35,000
2018	NOVASTERILIS INC	NY	R44AI120282	Optimization of Supercritical Carbon Dioxide Based Virus Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization	\$431,739
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R00AI121473	Intrinsic and innate barriers to respiratory virus infections	\$249,000
2018	CORNELL UNIVERSITY	NY	R01AI134183	A mechanistic understanding of tuberculosis progression through bacterial reporter strains	\$743,107
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127173	Antibodies associated with protection against tuberculosis in nonhuman primates	\$208,540
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129827	ZIKA VIRUS RESISTANCE; HOST DETERMINANTS	\$211,875
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI133331	Host-Pathogen Interactions From Measurements of Urinary Cell Free DNA in Kidney Transplantation	\$208,141
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$547,536
2018	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	SC2AI134947	Novel Lymphocyte Surface Markers for Diagnosing Children Predisposed to Rheumatic Fever	\$156,000
2018	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$6,697,767

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2018	UNIVERSITY OF ROCHESTER	NY	R01AI129988	Influenza virus host shutoff mechanism	\$385,000
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$49,581
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI123342	Innate B cell immunity and antibody-mediated rejection of human kidney allografts	\$441,645
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132256	A "Trojan Horse" bispecific antibody strategy for broad filovirus therapeutics	\$1,211,958
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI116939	Carbapenem-resistant bacterial colonization and infection after liver transplant	\$414,089
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132949	Erythropoietin mediated immunoregulation in murine lupus nephritis	\$423,750
2018	CORNELL UNIVERSITY	NY	R21AI137858	Effective Mucosal Vaccination through Engineered Outer Membrane Vesicles	\$192,080
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	\$541,770
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI138552	Defining Novel Cellular Correlates of Protection Against Human Malaria by CyTOF	\$250,500
2018	BIOSCIENCE DEVELOPMENT INC	NY	R44AI114009	Development of Molecular Diagnostic Test for Early Onset of Lyme disease	\$988,413
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI140993	Understanding Nrf2-Mediated Restriction of HIV Infection	\$258,184
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI138024	Structural basis of antibody affinity maturation by somatic hypermutation	\$202,291
2018	UNIVERSITY OF ROCHESTER	NY	F32AI138414	Myeloid innate immune T-bet functions in host defense to Toxoplasma gondii	\$61,174
2018	SYLVATICA BIOTECH, INC.	NY	R44AI124835	High Subzero Equilibrium VCA Cryopreservation	\$622,651
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F30AI138483	Targeting terminal respiratory oxidation in Mycobacterium tuberculosis: A novel investigation of Cytochrome bd oxidase function	\$49,524
2018	CORNELL UNIVERSITY	NY	R25AI140481	Cornell program to increase faculty diversity and promote research excellence	\$244,301
2018	TECHNOVAX INC	NY	R44AI106145	Universal VLP-Based Flu Vaccine: Broadly protective (universal) virus-like particle (VLP) based influenza vaccine that can neutralize a broad spectrum of influenza A virus subtypes.	\$746,924
2018	SUNY, STONY BROOK	NY	R01AI127704	Investigation on Replicative aging in Cryptococcus neoformans populations	\$617,819
2018	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$440,000
2018	SUNY, STONY BROOK	NY	R01AI119079	Functional Analysis of STAT3 in Gammaherpesvirus Infection	\$442,051
2018	CALDER BIOSCIENCES INC.	NY	R43AI140941	An adjuvant for an RSV prefusion F vaccine that safely protects infants via maternal vaccination	\$299,787
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI136401	Secreted effectors of Toxoplasma gondii bradyzoites	\$49,524

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2018	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in <i>C. albicans</i>	\$442,757
2018	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	\$500,008
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI122721	Function of Regulatory T Cells in Tissue Repair	\$49,524
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2018	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$626,686
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$423,750
2018	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$384,087
2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$487,000
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137067	Translational Regulation of T Regulatory Cells	\$600,056
2018	Trustees Of Columbia University In The City Of New York	NY	T32AI106711	Columbia University Graduate Training Program in Microbiology and Immunology	\$191,208
2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$84,250
2018	UNIVERSITY OF ROCHESTER	NY	R01AI117787	Targeting IgM Memory to Establish Protective B Cell Responses to HIV	\$830,527
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$677,520
2018	THERASOURCE LLC	NY	R44AI096777	Human Ghrelin as an Effective Mitigator of Acute Radiation Injury	\$982,276
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI124413	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	\$543,856
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI125536	SUMO and ubiquitin modifications in henipavirus matrix trafficking and function	\$416,250
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI125651	KIR and HLA in cis and trans cooperatively shape human NK education	\$428,500
2018	SUNY, STONY BROOK	NY	F30AI112252	Catalytic mechanism of the usher in pilus biogenesis by uropathogenic <i>E. coli</i>	\$49,524
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI128730	Studying immune development at single-cell resolution by DNA barcoding	\$211,875
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128090	Engineered Dengue EDIII as Broad Immunogens	\$254,193
2018	SUNY, BINGHAMTON	NY	R21AI128248	Virus induced genetic changes in the pathogenesis of autoimmune myositis	\$237,390
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI130366	Inflammatory monocytes and host control of cryptococcosis	\$165,864
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$439,750
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI133076	The Origin and Memory of Human IgE Responses	\$211,875

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	CUNY, RESEARCH FOUNDATION	NY	R03AI128314	Interrogation of Mycobacterium kansasii with Forward Genetics	\$78,500
2018	ROCKEFELLER UNIVERSITY	NY	F32AI126892	The role of epistatic networks in shaping adaptive landscapes	\$61,174
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI124006	Highly Attenuated Vesiculovirus-based Vectors as HBV Therapeutic Vaccines	\$399,750
2018	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$569,174
2018	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	K22AI130182	Novel strategies to separate GVHD from GVT	\$104,383
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133649	Deep mutational scanning of the Zika envelope protein	\$214,578
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$423,750
2018	HEALTH RESEARCH, INC.	NY	R21AI134080	Roles of Rv0805 in biology of M. tuberculosis	\$245,651
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI117873	Modeling Early Immunity to Human Influenza Infection	\$2,093,547
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$5,797,611
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	UM1AI130570	Mount Sinai's COFAR Clinical Research Unit and Clinical Trial (The "ADVANCE" Trial).	\$235,000
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	The role of SPNS2 in T cell responses	\$452,238
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI133943	Generation and characterization of broadly neutralizing antibodies against diverse Henipaviruses	\$44,524
2018	ROCKEFELLER UNIVERSITY	NY	F32AI133910	Functions of translation regulation in host susceptibility to virus infection	\$59,038
2018	CORNELL UNIVERSITY	NY	F32AI138476	Dynamics of Gene Drives in Natural Populations	\$59,038
2018	CHRONUS PHARMACEUTICALS, INC.	NY	R41AI136071	MtLDL detection to diagnose childhood tuberculosis	\$223,406
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI137157	Innate immune regulation of mycobiota during health and disease.	\$423,750
2018	UNIVERSITY OF ROCHESTER	NY	R01AI136538	Mucosal immunity to Toxoplasma gondii	\$459,876
2018	UNIVERSITY OF ROCHESTER	NY	R21AI139718	A Xenopus tadpole alternative model to study innate-like T cell-mediated anti-mycobacterial immunity	\$231,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI136916	Preventing CD4+ T memory cells from becoming HIV reservoirs	\$593,250
2018	New York Blood Center, Inc.	NY	R01AI139092	Structure-based design of coronavirus subunit vaccines	\$911,083
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI139733	Development of an adjuvant-free mucosal vaccine platform via sequential FcRn-mediated transepithelial Ag transport to the NALT and Fc RI-enhanced Ag processing and presentation within the NALT.	\$252,563
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133191	Rapid screening for modes-of-action of M. tuberculosis inhibitors by high-throughput metabolic fingerprinting	\$251,836
2018	Trustees Of Columbia University In The City Of New York	NY	R21AI138807	Provide Options for Treatment of Exposed Children against Tuberculosis (PROTECT) Study	\$198,320

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2018	UNIVERSITY OF ROCHESTER	NY	R01AI139058	Analysis of a novel peptidoglycan assembly pathway in mycobacteria	\$558,867
2018	ROCKEFELLER UNIVERSITY	NY	P01AI138938	Human monoclonal antibodies for prophylaxis and therapy against the new coronavirus	\$1,365,131
2018	CORNELL UNIVERSITY	NY	R01AI135270	Structural and Functional Analysis of the Coronavirus Spike Protein Fusion Peptide	\$506,453
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI136795	Predictive Models for Small-Molecule Accumulation in Gram-Negative Bacteria	\$1,527,746
2018	SUNY, BUFFALO	NY	R21AI133133	Regulation of Intrinsic Caspofungin Resistance in C. neoformans	\$186,801
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$594,130
2018	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI140736	ST6Gal-1 Sialyltransferase in Inflammation	\$687,502
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI137004	Regulation of encephalitogenic T cells by CRAC channels	\$481,126
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI118224	Small-Molecule Antibiotics Targeting Siderophore Biosynthesis in M. tuberculosis	\$666,740
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$432,133
2018	HEALTH RESEARCH, INC.	NY	R21AI135173	Contact-dependent transcriptional networks in mycobacterial species	\$256,020
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$423,750
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$378,929
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$2,141,918
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$547,907
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	\$467,196
2018	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$772,427
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$359,710
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$314,158
2018	ROCKEFELLER UNIVERSITY	NY	F32AI120579	Elucidating the diverse roles of noncoding small RNAs in chikungunya virus infection	\$59,038
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134367	Mechanisms Underlying the HIV-HSV-2 Syndemic	\$518,436
2018	Trustees Of Columbia University In The City Of New York	NY	K01AI104351	Preventing Childhood Tuberculosis in Lesotho (PREVENT Study)	\$127,860
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$1,918,351

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2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI102852	Cognitive and immune impairments in sepsis survivors	\$2,292,587
2018	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$53,708
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113186	Multi-level analysis of influenza virus polymerase and its role in pathogenesis	\$595,386
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI120898	Lentiviral Vector Vaccine for HIV-1	\$201,420
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$715,421
2018	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI122176	Endocytic Control of Autophagosome Formation in Lupus T cells	\$405,000
2018	SUNY, BUFFALO	NY	R01AI125119	The role of non-broadly neutralizing antibodies targeting gp41 structural epitopes in long term nonprogression of HIV infection	\$391,389
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$648,139
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI120806	Purinergic signaling in HIV-1 infection and inflammation	\$185,312
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	\$685,954
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	\$702,038
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,958,301
2018	HEALTH RESEARCH, INC.	NY	R21AI118351	Role of M. tuberculosis error-prone DNA polymerase DnaE2 in mutagenesis and drug resistance	\$203,062
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI131608	Discovery of influenza virus polymerase inhibitors	\$169,170
2018	CORNELL UNIVERSITY	NY	R01AI121216	Mechanisms of virus-mediated compartmentalization of the host translational machinery	\$385,874
2018	UNIVERSITY OF ROCHESTER	NY	R21AI130500	Single-cycle infectious Zika viruses for the development of a live-attenuated vaccine	\$199,865
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132405	Cell Death Pathways and Heart Transplant Rejection	\$550,756
2018	CUNY, RESEARCH FOUNDATION	NY	UG3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	\$1,186,276
2018	SUNY, BUFFALO	NY	R21AI128284	Dysregulation of regulatory T cells during chronic infection in muscle	\$199,375
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129486	Interferon signaling inhibition by the Zika virus NS5 protein	\$211,875
2018	HEALTH RESEARCH, INC.	NY	R21AI131679	Cyclic AMP secretion mechanisms in M. tuberculosis	\$205,091
2018	SUNY, STONY BROOK	NY	R01AI125770	Lipid-mediated fungal pathogenesis	\$581,924
2018	ROCKEFELLER UNIVERSITY	NY	K99AI127243	New Approaches for Vaccine Development against HIV	\$142,007
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI130547	Altered CD4+ T cell function in relation to the AHI1 MS locus	\$403,750

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$7,416,216
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI122673	Multiscale analysis of immune profiling data from dengue and chikungunya virus infections in humans	\$49,524
2018	SUNY, BUFFALO	NY	R21AI126367	An in vitro Microscale Platform for Antibiotic Biosynthesis and Discovery	\$195,519
2018	CORNELL UNIVERSITY	NY	R21AI129422	Itk signaling and Type 1 regulatory T cell differentiation and function in allergic airway inflammation	\$195,521
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI136553	Anti-drug Conjugates That Target Human Cytomegalovirus Infected Cells	\$261,279
2018	SUNY, STONY BROOK	NY	R01AI136934	Sphingosine-1-phosphate and cryptococcosis	\$497,633
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI135972	Fluomics: The Next Generation	\$2,799,687
2018	ROCKEFELLER UNIVERSITY	NY	R21AI137371	Inherited IRF9 deficiency: a novel genetic etiology of severe influenza	\$254,250
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI137168	Characterizing the Mechanism of DPP8/9 Inhibitor-Induced Pyroptosis	\$429,250
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI137344	Immunoregulation by indoleamine 2,3-dioxygenases in tuberculosis	\$806,468
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI139217	Understanding the importance of IκB-β as a selective co-activator of NF-κB signaling	\$400,000
2018	CUNY, RESEARCH FOUNDATION	NY	R03AI135755	Gene Essentiality in Mycobacterium kansasii	\$78,500
2018	HEALTH RESEARCH, INC.	NY	R21AI140491	Identification and characterization of allosteric inhibitors of Zika protease by targeting the NS2B conformational change	\$249,594
2018	CORNELL UNIVERSITY	NY	R03AI137735	Production and functional characterization of the L-lysine exporters from bacterial pathogens	\$81,958
2018	ABCOMBI BIOSCIENCES INC	NY	R43AI141048	Lead Candidate Finalization and a Comprehensive Biological Assessment of a New Class of Pneumococcal Vaccines	\$300,000
2018	MICRORID TECHNOLOGIES, INC	NY	R41AI134428	Targeting the sphingolipid pathway for the R&D of new antifungals	\$279,393
2018	SUNY, BUFFALO	NY	R56AI129986	DHODH Inhibitors: A Potential New Class of Antimicrobials for Treatment of the Drug Resistant Gram-Negative Bacillus Acinetobacter baumannii	\$981,697
2018	ROCKEFELLER UNIVERSITY	NY	R01AI139117	Molecular control of germinal center selection and affinity maturation	\$454,516
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI137269	Mathematical ecology models of host-microbiota interaction in auto microbiota transplants (auto-FMT)	\$429,250
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI135629	Conditionally replicating Mycobacterium tuberculosis vaccines	\$1,141,865
2018	EXCELSIOR BIOFILMS LLC	NY	R43AI136134	Incorporation of a biofilm dispersion autoinducer into an antimicrobial ointment for the treatment of topical wounds	\$224,686

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2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI138940	Host-directed therapy of tuberculosis: Rescuing macrophages and enhancing their activation	\$625,684
2018	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$239,026
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI133977	Alternatively activated macrophages during helminth infection	\$481,577
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123654	Antibody therapy for pneumococcal disease	\$417,500
2018	SUNY, STONY BROOK	NY	R21AI140002	Role of inflammatory monocytes in persistent Salmonella infection	\$235,956
2018	UNIVERSITY OF ROCHESTER	NY	R01AI117288	Passive and Active Immunization for Pneumocystis	\$466,112
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$552,121
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$443,671
2018	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$440,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$561,172
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI036082	Neutralization of Primate Immunodeficiency Viruses	\$475,941
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$423,750
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$417,500
2018	UNIVERSITY OF ROCHESTER	NY	R01AI127370	HCMV-mediated repurposing of AMPK & CaMKK signaling for productive infection	\$385,000
2018	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,594,392
2018	ROCKEFELLER UNIVERSITY	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$505,959
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134824	Host-virus interactions in the control of filovirus entry	\$478,620
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$816,357
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$193,320
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI109023	Defining P. falciparum resistance to artemisinin-based combination therapies	\$372,726
2018	Trustees Of Columbia University In The City Of New York	NY	F31AI124661	Epigenetic Regulation of Dendritic Cell Development	\$44,524
2018	CORNELL UNIVERSITY	NY	R01AI120701	Itk mediated tuning of CD8+ memory T cell development	\$381,468
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI127957	R21 Late-onset Group B Streptococcus infection	\$211,875
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127924	Ferret cell determinants of hepatitis C virus tropism	\$210,972
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI124863	Role of signal sequence variation in governing HIV Env Functions	\$219,538
2018	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$809,707
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$273,438

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2018	SUNY, STONY BROOK	NY	R01AI134054	Validating cholesterol-mediated Mycobacterium tuberculosis resistance to oxidative stress as a drug target	\$392,421
2018	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U01AI133655	Mechanisms of Radiation-induced Vascular Endothelial Cell Injury and Its Correction	\$1
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130760	Harnessing NK cell effector function for immunotherapies	\$211,875
2018	ROCKEFELLER UNIVERSITY	NY	R21AI122093	Control of antiviral innate response by the bromodomain-containing BET proteins	\$211,875
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133717	Development of biologics targeting human cytomegalovirus envelope proteins	\$211,875
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120998	HIV restriction by APOBEC3A	\$466,130
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI133598	Dissecting anti-ceramide scFv vascular mitigation of the Radiation GI Syndrome	\$593,570
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	\$1,920,360
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI123495	Toxoplasma gondii Glycosylation	\$215,125
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI128949	Human anti-viral immune responses in tissues and circulation	\$2,429,067
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R24AI134650	Generation of a Complete Set of Precise Null Bar-Coded Deletion Mutants of Mycobacterium tuberculosis	\$572,071
2018	CORNELL UNIVERSITY	NY	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	\$384,806
2018	Trustees Of Columbia University In The City Of New York	NY	U19AI131474	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	\$2,382,512
2018	ROCKEFELLER UNIVERSITY	NY	R21AI138020	Origin and dynamics of germinal center regulatory T cells	\$211,875
2018	CORNELL UNIVERSITY	NY	R03AI135767	Neutralizing Antibodies to Typhoid Toxin	\$92,878
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI134988	Long noncoding RNA expressing genomic element that control antibody diversification and chromosomal integrity in B cells	\$479,432
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI132913	Stemness and the cellular response to virus infection	\$268,425
2018	ROCKEFELLER UNIVERSITY	NY	F31AI138409	Catching the PARPs: defining the antiviral mechanisms of ADP-ribosylation in SINV infection	\$44,524
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI131913	Host susceptibility to Mycobacterium tuberculosis recurrence in HIV-infected people	\$192,780
2018	NEW YORK MEDICAL COLLEGE	NY	R01AI132526	The role of UBXNs in antiviral immunity	\$416,075
2018	CORNELL UNIVERSITY	NY	U01AI131348	Roles for Developmentally Regulated microRNAs in Neonatal Immunity	\$635,246
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123730	Structural, functional, and mechanistic analysis of autoreactive CD8 T cells	\$732,056
2018	Trustees Of Columbia University In The City Of New York	NY	R13AI139274	The 10th International Workshop on HIV Pediatrics	\$25,000

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132614	Development of Novel MetAP2 inhibitors as potential therapeutics for Microsporidiosis	\$438,000
2018	LUCERNA INC	NY	R43AI140867	Cell-based viral helicase assay for dengue drug discovery	\$224,475
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI130618	Modeling herpes simplex virus latency in human neurons	\$211,875
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI132940	Shortening Tuberculosis Chemotherapies using N-acetylcysteine	\$208,750
2018	Trustees Of Columbia University In The City Of New York	NY	R21AI139775	Mechanism of Zika virus induced corticogenesis defects	\$240,000
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI135099	Harnessing the effects of Ror gamma t cells on epidermal stem cells and commensal microbes to promote efficient wound repair	\$162,000
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI138939	Mycobacterial Phosphopantetheine Hydrolase: Potential for Salvage of Coenzyme A	\$254,250
2018	CORNELL UNIVERSITY	NY	R13AI140632	2018 International Double-Stranded RNA Virus conference (DSRNA2018)	\$7,500
2018	ROCKEFELLER UNIVERSITY	NY	K23AI136578	Exploring the dynamics and composition of the latent HIV reservoir by analyzing the diversity of the replication-competent reservoir	\$204,391
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$530,571
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI137275	DETERMINING THE ROLE OF THE REPLICATIVE HELICASE IN HUMAN NK CELL DEVELOPMENT	\$418,208
2018	ROCKEFELLER UNIVERSITY	NY	R01AI137276	Mechanisms of Antibody-Dependent Enhancement of Dengue Disease	\$423,750
2018	CORNELL UNIVERSITY	NY	R01AI142867	Impact of microbial exposure on immune development	\$474,641
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI137198	DYNAMICS AND TUNING OF THE MHC II PRESENTED PEPTIDOME	\$852,878
2018	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$378,219
2018	SUNY, STONY BROOK	NY	R01AI127533	The Role the AAA+ Lon Proteases in Bacterial Pathogenesis	\$461,705
2018	UNIVERSITY OF ROCHESTER	NY	R21AI138500	Predictive Modeling of Multidimensional Anti-Influenza IgG Repertoires	\$231,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI124465	Mechanism of BET Proteins in Th17 Cell Differentiation	\$423,750
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI121349	Development of novel endosome-targeted Ebola virus entry inhibitors as antiviral agents	\$610,838
2018	SUNY, STONY BROOK	NY	R01AI141513	Cell Envelope Biogenesis in Mycobacterium tuberculosis	\$358,875
2018	OYAGEN INC	NY	R43AI134172	Preclinical Development of HIV Vif Antagonists	\$300,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI138324	Stromal cell therapy as a treatment against Gastrointestinal Acute Radiation Syndrome (GI-ARS)	\$557,267

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	ROCKEFELLER UNIVERSITY	NY	R01AI116943	A systematic analysis of small RNA interactions during RNA virus infections	\$706,055
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$400,000
2018	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$398,750
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$423,750
2018	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$468,323
2018	CORNELL UNIVERSITY	NY	R01AI132738	Biomaterials-based Germinal Center Niches for Understanding the B Cell Maturation and B cell receptor signaling	\$391,799
2018	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$385,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$334,712
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$423,750
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$2,067,523
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,220,216
2018	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$1,056,875
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$406,869
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$184,896
2018	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$1,643,388
2018	Trustees Of Columbia University In The City Of New York	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$242,858
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI109761	Center for Research in Diagnostics and Discovery	\$6,171,847
2018	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$847,500
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI136239	Elucidating the function of IRF8 during antiviral natural killer cell responses	\$49,524
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI110732	Global Health Research and Training in malaria and cholera: opportunities for nov	\$172,094
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$6,782,280
2018	HEALTH RESEARCH, INC.	NY	R01AI110112	Latitudinal landscape genomics and ecology of Anopheles darlingi	\$367,666

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	Trustees Of Columbia University In The City Of New York	NY	U24AI118669	Sample Sparing Chambers for Imaging of T cell Response and Function	\$307,134
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI114736	Engineering protease-resistant alpha-beta peptides for broad-spectrum antivirals	\$724,590
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U24AI118644	Novel tools to maximize profiling of tissue and antigen specific immune dysregulation in allergy and inflammatory bowel disease	\$399,725
2018	SUNY, STONY BROOK	NY	R01AI129010	Defining ANDV Virulence and Attenuation Mechanisms	\$440,828
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI124606	Non-Leukocidal Roles of Staphylococcus aureus Bi-component toxins in Pathogenesis	\$41,124
2018	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	\$459,125
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI124753	Microsporidia: invasion apparatus	\$417,500
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	\$423,750
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$417,500
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	\$419,267
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128735	Mechanisms of Plasmacytoid dendritic cell activation in vivo	\$208,750
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127955	Human Ex Vivo Models of Zika Virus Infection	\$210,618
2018	Trustees Of Columbia University In The City Of New York	NY	R21AI126305	New mechanism of commensal bacteria interaction with host immunity	\$200,000
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$191,015
2018	ADJUVANCE TECHNOLOGIES INC	NY	R44AI114030	Large Scale Synthesis of the Next Generation Synthetic Saponin Adjuvant TiterQuil	\$743,432
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	\$623,343
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123155	The biology of the nuclear export protein in influenza A virus replication	\$963,016
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110703	Quantifying Environmental Variables Affecting Airborne Influenza Transmission	\$394,281
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132633	Dissecting the receptor-mediated infection mechanisms of hantaviruses	\$754,692
2018	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,166,421
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI119304	Chemical intervention of influenza virus RNA nuclear export	\$499,523
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI134366	Interplay between Negative Regulators of Type I Interferon and HIV control	\$211,875
2018	SUNY, STONY BROOK	NY	R21AI128372	Role of inflammatory monocytes in Salmonella-induced colitis	\$196,883

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	JAN BIOTECH, INC.	NY	R44AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$997,824
2018	HEALTH RESEARCH, INC.	NY	R21AI134568	New Use of Old Drugs for Zika Virus	\$211,514
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	\$201,420
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI127295	Interplay of host factors that modulate HIV-1 release and replication fitness	\$44,524
2018	ROCKEFELLER UNIVERSITY	NY	R01AI129795	Optimization of Fc effector activity of anti-HIV antibodies to target HIV reservoir	\$847,498
2018	CODAGENIX INC	NY	R44AI131756	Pre-clinical Commercialization of a Synthetically Designed, Live-attenuated RSV Vaccine	\$744,622
2018	CORNELL UNIVERSITY	NY	R21AI130635	Improving the efficiency and control of CRISPR/Cas9 gene drive systems	\$235,500
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI129854	Effect of pregnancy and HIV on the development of tuberculosis	\$192,780
2018	HEALTH RESEARCH, INC.	NY	R21AI131683	Identifying genetic correlates of Zika virus infection and transmission in US mosquitoes	\$208,952
2018	ROCKEFELLER UNIVERSITY	NY	R21AI131188	Conditioning of immune cells by the intestinal lymphatics	\$254,250
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI123308	A map of sphingosine 1-phosphate distribution	\$423,750
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130345	Macrophage development and specification in mice.	\$579,080
2018	UNIVERSITY OF ROCHESTER	NY	R01AI129518	Modeling Mechanisms of Adjuvanted Influenza Vaccine Induced IgG Repertoire Diversity and Heterosubtypic Immunity	\$702,619
2018	ROCKEFELLER UNIVERSITY	NY	R01AI127564	Genome-wide search for inborn errors of IL-17 immunity underlying chronic mucocutaneous candidiasis	\$584,365
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI119145	Investigating genomic factors and microbiome features that impact CDI transmission and prognosis	\$847,495
2018	Trustees Of Columbia University In The City Of New York	NY	U54AI138370	Center for Solutions for ME/CFS	\$1,859,009
2018	SUNY, STONY BROOK	NY	R21AI133381	Role of Sts-1 and -2 in the host response to bacterial pathogens	\$192,621
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI124517	The molecular basis of host-microbiota interactions	\$63,034
2018	ROCKEFELLER UNIVERSITY	NY	R21AI134221	Determinants of lentiviral envelope tropism in macaques	\$254,250
2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI134328	Bispecific-Antibody-Drug Conjugates for Selective Targeting and Activation of the HIV Latent Reservoir	\$596,205
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI136901	C-terminal proteolysis in the Pseudomonas aeruginosa cell envelope	\$629,708
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI140623	Molecular mechanisms of persistence in mycobacteria	\$45,861

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI139623	Myeloid Specific Targeted Nanoimmunotherapy for Organ Transplant Acceptance	\$423,750
2018	UNIVERSITY OF ROCHESTER	NY	R01AI134685	Antibacterial inhibitors of RnpA	\$707,917
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI133231	Identifying the thymus ligand that selects a natural regulatory T cell	\$254,250
2018	SUNY, STONY BROOK	NY	R21AI137929	Mechanisms regulating intestinal resident memory CD8 T cell development	\$235,895
2018	HEALTH RESEARCH, INC.	NY	R21AI140406	Neutralizing nanobodies as therapeutics for Dengue virus	\$249,594
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI131339	Development and significance of the plasma cell niche in the human infant thymus	\$467,000
2018	UNIVERSITY OF ROCHESTER	NY	F32AI138415	Role of focal CXCL10 in shaping Th1 micro-positioning and function in inflamed skin	\$59,038
2018	New York University	NY	F31AI131527	Essential interactions between filarial worms and their bacterial endosymbionts	\$23,770
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI136499	Serotype replacement in group B Streptococcus	\$584,661
2018	CORNELL UNIVERSITY	NY	R01AI139664	Co-Presentation and Delivery of TLR Agonist Combinations with Subunit Antigens to Pathogen-Match the Immune Response	\$580,379
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI141710	Interferon-beta in transplant	\$423,750
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$644,883
2018	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$473,520
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI129273	The role of RagGTPases dependent amino acid-sensing pathway in regulatory T cell functions.	\$44,524
2018	ROCKEFELLER UNIVERSITY	NY	R01AI131688	Analysis of immunity, viral adaptation and pathogenesis in a new mouse model of HCV-related rodent hepacivirus infection	\$715,770
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$423,750
2018	CORNELL UNIVERSITY	NY	R01AI132708	The Notch Signaling Pathway Regulates Basophil Responses During Helminth Infection	\$392,500
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI128821	Antibody responses in humans after infection with avian influenza viruses	\$200,000
2018	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$184,825
2018	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,951,707
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$491,143
2018	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular-stromal function and regulation in immunity	\$440,000
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$832,780
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,118,376

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2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$184,572
2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$590,564
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$398,844
2018	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$370,292
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI108799	Calanolides as tools to find new drug targets for Mycobacterium tuberculosis	\$193,320
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI116814	Contribution of B cells to human cardiac allograft vasculopathy	\$402,450
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI101256	Structural and Biochemical Studies of Jak2	\$423,750
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,100,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$633,748
2018	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$844,501
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$1,369,934
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI129244	Development of Pharmacologically Optimized Inhibitors of M. tuberculosis MbtA as Novel Antibiotics	\$44,524
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI120648	Novel cellular pathways that allow cells to survive influenza A virus infection	\$17,360
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	\$715,297
2018	CUNY, RESEARCH FOUNDATION	NY	UG3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$1,527,538
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	\$478,511
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	\$423,750
2018	UNIVERSITY OF ROCHESTER	NY	R01AI126005	Novel effector protein functions encoded by T3SS positive V. cholerae	\$508,586
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125462	Engineered, multispecific antibodies as broad anti-filovirus therapeutics	\$731,640
2018	UNIVERSITY OF ROCHESTER	NY	R21AI128097	Development of Human Broadly Neutralizing Monoclonal Antibodies Against New World Arenaviruses?	\$277,659
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130299	Determining West Nile virus antibody-dependent enhancement of Zika virus	\$210,618

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2018	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$189,345
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130143	Regulation of Follicular T cell Responses in the Lung by Ion Channels	\$515,902
2018	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI132580	A new paradigm of respiration in the human gut Bacteroides	\$595,359
2018	SUNY, STONY BROOK	NY	R21AI130859	Establishing Sts-1 as a novel target for treatment of systemic candidiasis	\$256,959
2018	UNIVERSITY OF ROCHESTER	NY	R21AI131961	DNA Damage Response in Latent HIV-1 Reservoirs	\$231,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133180	Targeting mycobacterial ribosomes as a new approach to tuberculosis vaccines	\$250,500
2018	UNIVERSITY OF ROCHESTER	NY	R21AI135284	Attenuation Of Lassa Virus Via Codon Deoptimization?	\$230,063
2018	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI132447	Role of plasmacytoid dendritic cells in autoimmunity	\$440,000
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI137183	Role of B cell activating factor in non-infectious complications of common variable immunodeficiency	\$190,299
2018	COLD SPRING HARBOR LABORATORY	NY	R13AI138870	CSHL Gene Expression and Signaling in the Immune System Conference	\$8,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI134753	Composition and formation of the cyst wall	\$417,500
2018	CORNELL UNIVERSITY	NY	R01AI137345	Cracking Salmonella Typhis Secret Code: Understanding Pathogenic Mechanisms of Salmonella Typhi Toxin	\$538,298
2018	UNIVERSITY OF ROCHESTER	NY	R01AI134058	Modeling of HIF-1-alpha Regulation of B Cell Migration	\$720,544
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI139593	Impact of pre-existing dengue virus immunity on Zika virus infection of placenta	\$253,643
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI139015	Discovery and validation of pan-influenza antivirals	\$749,135
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121436	Roles of DDX5 and its associated long non-coding RNAs in RORgt-mediated host immune system functions	\$536,329
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123368	Immune regulation of intestinal health and disease	\$423,750
2018	ROCKEFELLER UNIVERSITY	NY	R01AI124690	The yellow fever vaccine saga: Defining the viral and host determinants responsible for success versus failure	\$772,861
2018	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$689,817
2018	CORNELL UNIVERSITY	NY	R21AI138497	A novel murine model of allergic airway inflammation.	\$248,280
2018	ROCKEFELLER UNIVERSITY	NY	R01AI119006	Dynamics of Antigen-Driven Selection in Germinal Centers	\$523,550
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$3,770,842
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$498,383
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$402,247
2018	SUNY, STONY BROOK	NY	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$392,571

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2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$418,258
2018	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$797,794
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$777,690
2018	CORNELL UNIVERSITY	NY	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$446,150
2018	SUNY, STONY BROOK	NY	R01AI110792	Tailoring virulence of dengue virus in mammals and mosquitoes	\$456,307
2018	GE CORPORATE RESEARCH & DEVELOPMENT	NY	U24AI118667	Secretion Encoding for Multiparameter Functional Immune Assays	\$371,654
2018	ROCKEFELLER UNIVERSITY	NY	R01AI114873	ZAP isoforms in innate immunity-the long, the short and the extra-long of it all	\$423,750
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$577,349
2018	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI114545	Differentiation and Ontogeny of IgM Memory Cells during Bacterial Infection	\$405,000
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$1,179,719
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI124275	Systems Biology of Microbiome-mediated Resilience to Antibiotic-resistant Pathogens	\$1,997,054
2018	UNIVERSITY OF ROCHESTER	NY	R01AI121090	Neutrophil IFN-gamma in host defense and inflammation	\$457,554
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI125623	Yersinia pseudotuberculosis-based vaccines for plague and yersiniosis	\$564,756
2018	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI138547	Intestinal allograft tolerance in large animals	\$688,585
2018	New York Blood Center, Inc.	NY	R21AI128311	A novel nanobody with good druggability to prevent and treat MERS-CoV infection	\$219,500
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI128517	Novel antitrypanosomal alkaloids for Chagas disease	\$244,800
2018	New York Blood Center, Inc.	NY	R21AI131701	Innovative 3-D in vitro culturing systems for filarial worms	\$173,532
2018	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$463,541
2018	Trustees Of Columbia University In The City Of New York	NY	R01AI124678	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	\$494,169
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	\$419,267
2018	UNIVERSITY OF ROCHESTER	NY	U01AI131344	Development of Mucosal and Systemic Immunity and Risk of Food Allergy	\$460,833
2018	HEALTH RESEARCH, INC.	NY	R01AI132422	Alternative ribosomes and antibiotic tolerance in mycobacteria.	\$400,352
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI127372	Human ISG15 and USP18 Deficiencies Underlying Type I Interferonopathies	\$635,144

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2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI129802	Bispecific and Trispecific Anti-Env Antibodies for Eliminating HIV Reservoir Cells	\$910,463
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI129851	Mapping the RNA modification N6-methyladenosine during Zika virus infection	\$205,313
2018	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI133617	Role of Post-transcription RNA Modifications on Zika Virus Gene Expression	\$259,519
2018	HEALTH RESEARCH, INC.	NY	R01AI125190	Development of a Preclinical Assay to Predict Efficacy of Ricin Toxin Subunit Vaccines	\$1,034,414
2018	SUNY, BUFFALO	NY	R01AI124677	Toxoplasma gondii Regulation of Host GABAergic Signaling	\$533,314
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI123794	Novel Inhibitors of Malaria Proteasome	\$211,875
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI118833	Nasal biomarkers of asthma	\$714,746
2018	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	\$631,830
2018	CORNELL UNIVERSITY	NY	R01AI130018	Preclinical evaluation of compounds that inhibit cholesterol uptake in M. tuberculosis.	\$461,332
2018	CORNELL UNIVERSITY	NY	R21AI136097	Are HIV-1-Infected Alveolar Macrophages Productive Sites of Viral Persistence?	\$212,808
2018	HEALTH RESEARCH, INC.	NY	R21AI138344	The role of DNA forms of the RNA genome in Zika virus replication	\$217,711
2018	New York Blood Center, Inc.	NY	R01AI137472	Rational design and evaluation of novel mRNA vaccines against MERS-CoV	\$844,900
2018	SUNY, STONY BROOK	NY	R56AI122376	gC1qR as a therapeutic target for angioedema.	\$476,983
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI135101	Complement Dependent Inflammation and Murine Heart Transplant Rejection	\$189,939
2018	CERAMEDIX HOLDING, LLC	NY	R44AI106283	Development of Anti-ceramide scFv as Mitigator of the Radiation GI Syndrome	\$993,013
2018	UNIVERSITY OF ROCHESTER	NY	R21AI136668	Plasma Exosomes in ART-sustained HIV-infected Persons that Abuse Tobacco	\$230,938
2018	CORNELL UNIVERSITY	NY	R21AI135373	Development of a subunit vaccine for MERS-CoV and other emerging coronaviruses	\$196,146
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI138499	Mechanisms of environmental sensing and responses by malaria parasites	\$745,853
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI132739	The role of Mucosal-associated invariant T (MAIT) cells during the innate immune response to Mycobacterium tuberculosis	\$184,264
2018	Trustees Of Columbia University In The City Of New York	NY	R03AI135926	Inferring Shifts in Susceptibility and Cross Protection to Influenza from (Sub)typed Incidence Data	\$81,000
2018	UNIVERSITY OF ROCHESTER	NY	UH2AI132339	Integrating SWIFT tools to enhance flow data analysis, exploration and visualization in ImmPort	\$229,920
2018	HEALTH RESEARCH, INC.	NY	R21AI139856	Feasibility of Nanopore Whole Genome Sequencing in a Public Health Laboratory	\$180,038

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	Trustees Of Columbia University In The City Of New York	NY	R37AI050234	Defining the Role of PfCRT and PfMDR1 as Pleiotropic Mediators of Plasmodium falciparum Multidrug Resistance	\$772,382
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI137244	The Immune Cell Atlas ? A Robust Framework to Map the Entire Human Immune System	\$1,997,997
2018	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074878	Innate immunity and inflammation following helminth infection	\$423,750
2018	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,848,678
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI123129	Correlates of Vaccine-Induced, Tunable-Protection in an Outbred Tularemia Model	\$735,765
2018	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI139703	outer Membrane Vesicle of Engineering Yersinia Pestis as a Novel Plague Vaccine	\$202,500
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$636,022
2018	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI117287	Broad humoral protection induced by influenza B neuraminidase-based immunogens	\$808,418
2018	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$512,779
2018	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI136488	Characterizing and targeting malaria parasite purine uptake pathways to generate novel antimalarial drugs	\$44,524
2018	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121244	Redefining the role of autophagy in bacterial disease	\$546,232
2018	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$423,750
2018	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$540,531
2018	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$190,625
2018	OHIO STATE UNIVERSITY	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$537,502
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116709	Asymptomatic Malaria Gametocyte levels in Kenya: An observational survey	\$387,082
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI130631	Prevalence of P[6] and P[11] rotaviruses in developing countries	\$213,360
2018	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI115642	Natural Resistance to Mycobacterium Tuberculosis Infection	\$686,622
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$105,485
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	\$128,250
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI135595	Transition states in lineage specification	\$238,500
2018	Research Institute at Nationwide's Children's Hospital	OH	P01AI112524	Live Attenuated RSV Vaccine with Optimized Safety and Immunogenicity	\$1,524,872

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2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI125202	A multi-tiered approach to develop validated assays to predict efficacy of a tetravalent live attenuated Dengue Virus vaccine in Phase II and Phase III clinical trials	\$923,551
2018	OHIO STATE UNIVERSITY	OH	R21AI138775	Development of Novel Scaffolds as Tools for Allosteric HIV-1 Integrase Inhibition	\$195,000
2018	OHIO STATE UNIVERSITY	OH	R21AI127354	Novel Epigenetic Modifier Inhibitor Drugs for T cell Modulation in Multiple Sclerosis	\$182,666
2018	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI131295	?Resetting immune homeostasis: a non-invasive approach towards HIV eradication	\$2,553,341
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI137577	Characterization of Translational Repression in Infectious Schistosome Larvae	\$218,400
2018	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI137567	Host response and liver disease in a hepatitis C-like virus rat model	\$543,426
2018	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$568,411
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$396,250
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI127392	Role and Regulation of TSLP in Childhood Allergic Disease	\$794,998
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R21AI119385	Impact of prenatal HDM exposure in severely asthmatic mothers on offspring asthma	\$195,000
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI125247	The role of IL-27/Lag3 axis in regulating Foxp3+ regulatory T cell function	\$396,250
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	K08AI125675	ORMDL3 Regulation of Dendritic Cells in Asthma	\$188,108
2018	UNIVERSITY OF TOLEDO	OH	R01AI121970	Intravital assessment of Borrelia burgdorferi immune clearance in skin	\$376,808
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI135922	ANTIVIRAL MECHANISMS OF 2-5A-DEPENDENT RNASE L	\$400,250
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI118774	Effector functions and cellular targets of pathogenic plasmacytoid cells in lupus.	\$396,250
2018	Research Institute at Nationwide`s Children`s Hospital	OH	R21AI137912	Immunomodulation by hepatitis E virus free antigen	\$190,000
2018	OHIO UNIVERSITY	OH	R03AI135788	An exploratory analysis of RNA thermometers in Staphylococcus aureus	\$75,500
2018	UNIVERSITY OF CINCINNATI	OH	R56AI139141	Targeting Human Plasma Cells To Overcome Humoral Responses in Transplantation	\$433,081
2018	Research Institute at Nationwide`s Children`s Hospital	OH	U01AI131313	T Cell Immunity and HCV Infection Outcome	\$273,372
2018	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$25,000
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$189,989
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$322,367

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2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI108972	CD4+ T and B cell mechanisms of influenza vaccine non-responsiveness in older adu	\$444,759
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128218	Direct interactions with HDL promote regulatory T cells survival	\$196,354
2018	OHIO STATE UNIVERSITY	OH	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$350,063
2018	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$132,773
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI110156	HIV eradication by ADCC-activated NK cell killing	\$463,213
2018	OHIO STATE UNIVERSITY	OH	R01AI125560	Enhancing efficacy of pertussis vaccines	\$376,763
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	T32AI118697	Pathogenesis and therapeutic targeting of immune disorders	\$127,622
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$480,497
2018	OHIO STATE UNIVERSITY	OH	R01AI123661	A novel lactic acid bacteria-based norovirus vaccine	\$597,772
2018	OHIO STATE UNIVERSITY	OH	R01AI127863	Clinical and molecular epidemiology of the sexual transmission of Neisseria meningitidis	\$765,040
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI132822	Mechanisms of LRBA-mediated control of CTLA4	\$195,000
2018	UNIVERSITY OF CINCINNATI	OH	R01AI133797	HIF Regulation of Histoplasma Pathogenesis	\$399,479
2018	OHIO STATE UNIVERSITY	OH	R21AI138555	Characterization of bystander immunosuppression during visceral leishmaniasis	\$234,000
2018	OHIO STATE UNIVERSITY	OH	R03AI139271	Functional characterization of AsmA-like proteins in Escherichia coli	\$77,958
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R37AI141258	Harnessing IL-10 in cART treated SIV infected macaques to restore immunity and to eradicate HIV	\$875,207
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,815,591
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,342,364
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$390,000
2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	\$641,326
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$494,023
2018	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$1,815,053
2018	OHIO STATE UNIVERSITY	OH	R01AI134895	Revisiting alginate paradigms	\$510,317
2018	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,742,394
2018	OHIO STATE UNIVERSITY	OH	R01AI124121	Restoring macrophage function in cystic fibrosis	\$511,273
2018	UNIVERSITY OF CINCINNATI	OH	R01AI130103	Wimpy antibody isotypes protect against antibody-mediated disease	\$365,342
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI124348	Resistance to MTB infection in HIV infected individuals in Uganda and S. Africa	\$2,422,204
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K22AI125466	CYTOKINES SHAPE GLIAL BIOLOGY DURING REPAIR OF THE ADULT CNS	\$108,000

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2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128932	Commensal fungi positively calibrate asthma susceptibility	\$234,000
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124657	Functional immune tolerance to non-inherited maternal antigen	\$390,000
2018	WRIGHT STATE UNIVERSITY	OH	R01AI127816	Prevention of adenovirus pathogenesis through downregulation of the apical adenovirus receptor	\$375,000
2018	UNIVERSITY OF CINCINNATI	OH	R01AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	\$225,856
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI120202	Maternal Regulatory T cell antigen-specificity	\$390,000
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Appro	\$163,069
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124355	Genetic and Immunological Dissection of Eosinophilic Esophagitis	\$555,000
2018	OHIO STATE UNIVERSITY	OH	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	\$444,779
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI127948	Platelet activation by the antimicrobial peptide, human beta defensin-3	\$200,000
2018	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	\$496,625
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI131050	Defining the role of Gimap5 in T cell differentiation and asthma development	\$238,500
2018	CHILDRENS HOSPITAL MEDICAL CENTER OF AKRON	OH	R21AI135743	Exploring Medicaid Analytic eXtract (MAX) to reduce infections in children with JIA	\$276,307
2018	OHIO STATE UNIVERSITY	OH	R21AI139600	Inhibition of Ehrlichial Infection by Cell-permeable Cyclic Peptides	\$233,750
2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI139511	Mechanism for spread of a quasi-enveloped hepatotropic virus	\$503,784
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	DP1AI131080	Immunological identity redefined by genetically foreign microchimeric cells	\$1,092,000
2018	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$500,044
2018	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$297,200
2018	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$263,622
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,249,999
2018	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$423,750
2018	OHIO STATE UNIVERSITY	OH	R01AI121124	Infectious Entry Mechanisms of Obligatory Intracellular Pathogen	\$385,000
2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI124029	Regulation and Function of Mkp-1 During Sepsis.	\$379,375
2018	OHIO STATE UNIVERSITY	OH	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	\$656,296
2018	OHIO STATE UNIVERSITY	OH	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$392,235

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2018	OHIO STATE UNIVERSITY	OH	R01AI126742	The Mechanics of Retroviral Integration	\$388,750
2018	OHIO STATE UNIVERSITY	OH	R21AI129951	Development of plant-derived, resistance-breaking mosquitocides for controlling vectors of Zika virus	\$233,250
2018	WRIGHT STATE UNIVERSITY	OH	R01AI114804	TRPM7 and Cellular pH	\$370,000
2018	OHIO STATE UNIVERSITY	OH	R21AI128418	Development of small molecule mosquitocides for controlling the primary vector of Zika virus, Aedes aegypti	\$192,317
2018	OHIO STATE UNIVERSITY	OH	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	\$390,000
2018	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI126890	T cell Immunity and the Outcome of Acute HCV Infection	\$745,107
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI130033	Role of Aiolos in eosinophilic asthma	\$413,850
2018	GUILD ASSOCIATES INC	OH	R01AI138971	Rapid multiplex method for direct phenotypic ID/AST of bacterial pathogens	\$1,230,698
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI135434	Viral causes of idiopathic chronic kidney disease	\$320,000
2018	Research Institute at Nationwide`s Children`s Hospital	OH	U01AI131386	High Precision System Analysis of Infant Immune Responses	\$882,108
2018	UNIVERSITY OF CINCINNATI	OH	R01AI139027	Microbiome and E. coli O157:H7 infection of human gut tissue	\$400,104
2018	OHIO STATE UNIVERSITY	OH	R01AI143288	Microbial ecology of the inflamed intestine	\$719,973
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI116668	L-citrulline and anti-tuberculosis host defense	\$390,000
2018	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$396,250
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI129709	Non-inferiority study of adjuvanted vs. high dose flu vaccine in residents of long term care	\$799,912
2018	Research Institute at Nationwide`s Children`s Hospital	OH	K08AI108792	Burkholderia-mediated defective killing mechanisms in macrophages from cystic fibrosis (CF) patients	\$176,504
2018	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$111,724
2018	OHIO STATE UNIVERSITY	OH	R01AI116975	Automation and Multi-Site Validation of a Personalized Empiric Antibiotic Advisor	\$386,383
2018	Research Institute at Nationwide`s Children`s Hospital	OH	R01AI114581	Metabolic programming in TH17 cell differentiation	\$373,750
2018	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI127201	Training Program in HIV Cure	\$147,682
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI121330	Environmental influences on urban schistosomiasis transmission and elimination	\$456,181
2018	OHIO STATE UNIVERSITY	OH	R01AI130110	Mechanisms of innate resistance to virus infections	\$378,715
2018	P2D INC	OH	R43AI127065	Activated protein C peptides for radio-mitigation	\$292,594
2018	CLEVELAND STATE UNIVERSITY	OH	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	\$371,250
2018	UNIVERSITY OF CINCINNATI	OH	R01AI126818	Dendritic cell KLF2/Notch Axis and Th2 Responses to Eukaryotic Pathogens	\$496,000
2018	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI024717	Genetic Linkage in Lupus	\$390,000
2018	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$916,571

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2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI134848	Novel carbohydrate binding functions of the CR3 I-domain modulate gonococcal-cervical cell interactions	\$406,801
2018	OHIO STATE UNIVERSITY	OH	K22AI127072	Retooling Natural killers cells (NK) and mucosal Innate lymphoid cells (ILCs) for an effective HIV vaccine	\$156,400
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI135380	The molecular analysis of Gab3 in NK cell function	\$238,500
2018	OHIO STATE UNIVERSITY	OH	R01AI107250	Multifaceted activity of listeriolysin O during host cell invasion by Listeria	\$383,218
2018	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$363,271
2018	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,058
2018	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI106705	Mechanisms of Transmissibility in Prion Diseases	\$1,540,130
2018	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$436,500
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128445	Characterization of a novel hematopoietic site	\$195,000
2018	OHIO STATE UNIVERSITY	OH	R21AI131227	Trypanosoma cruzi cyclophilin 19 induced host inflammation	\$194,480
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI130131	Kruppel-Like Factor 2 Counters Vascular and Immunologic Dysfunction in Child Cerebral Malaria	\$611,314
2018	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI130830	Gene Regulation as a Foundation for Autoimmune Disease Prevention	\$2,204,137
2018	OHIO UNIVERSITY	OH	R21AI128376	Characterizing the role of PrsB, an intracellular PPIase that is required for activity of secreted virulence factors in Staphylococcus aureus	\$188,750
2018	OHIO STATE UNIVERSITY	OH	R01AI121405	Epigenetic modulation of T cell tolerance in Multiple Sclerosis autoimmunity	\$438,928
2018	OHIO STATE UNIVERSITY	OH	R21AI127582	A Systems Biology Approach for Targeted Drug Discovery for Leishmaniasis	\$205,141
2018	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI132644	Epigenetic Reprogramming of Monocyte Functions during Acute Uncomplicated Malaria in Kenyan Children	\$189,575
2018	UNIVERSITY OF TOLEDO	OH	R21AI135313	Synthesis of natural product scaffold selectively active against dormant Mycobacterium tuberculosis	\$236,325
2018	OHIO STATE UNIVERSITY	OH	R21AI130485	A live attenuated vaccine for leishmaniasis	\$208,827
2018	OHIO STATE UNIVERSITY	OH	R01AI140541	Salmonella-specific therapeutics	\$726,417
2018	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116730	Transcriptional regulation by O-GlcNAcylation in T lymphocytes	\$396,250
2018	UNIVERSITY OF CINCINNATI	OH	R01AI123158	ER stress and calcium in host adaptation of A. fumigatus	\$400,209
2018	Research Institute at Nationwide's Children's Hospital	OH	R01AI125489	Overcoming pathogen-mediated immune evasion: a translational approach to pediatric Staphylococcus aureus vaccine development - Resubmission 01	\$380,000
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$407,274

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2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI129458	Characterization of a distinct NKT subset and its role in influenza responses	\$537,763
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$189,047
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$819,413
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI136799	Optimization of efflux avoidance and inhibition for antibiotic development	\$1,421,601
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI129560	The Olive Baboon, a translational model for the study of Zika virus biology and pathogenesis	\$185,000
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI128137	Nuclear export-dependent functions of RAG2 in the DNA damage response system	\$185,000
2018	UNIVERSITY OF OKLAHOMA	OK	R33AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	\$459,720
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI137047	Understanding the roles type I Interferon and TH17 play in Neuromyelitis Optica and other autoimmune diseases.	\$700,785
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$440,794
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$406,103
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI132532	Ikaros family genes and lupus susceptibility across ethnically diverse populations	\$800,895
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R37AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$522,188
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	\$370,000
2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,898,581
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI134719	Activation of semi-invariant and diverse NKT cells with an adjuvant combination	\$367,120
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI118836	Role of the transcription factor ARID3a in innate immune responses	\$370,000
2018	OKLAHOMA STATE UNIVERSITY	OK	R21AI128520	A self-limited live RSV vaccine inducing anti- pre-fusion F antibodies	\$182,250
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI139248	Mechanisms of PbgA involvement in Salmonella Typhimurium lipid homeostasis for bacterial pathogenesis	\$360,700
2018	UNIVERSITY OF OKLAHOMA	OK	R01AI132836	Permeability Barriers of Gram-negative Pathogens and Approaches to Bypass Them	\$514,140
2018	OKLAHOMA STATE UNIVERSITY	OK	R21AI137750	Regulation of cGAS-Mediated Cytosolic DNA Sensing Pathway	\$224,400
2018	OKLAHOMA STATE UNIVERSITY	OK	R21AI139998	Activation and catalytic mechanisms of mosquito phenoloxidases	\$219,522

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2018	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI126851	Exploring the thymic origin of group 2 innate lymphoid cells	\$528,841
2018	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI140640	51st Annual Meeting of the Society for Leukocyte Biology (SLB)	\$11,000
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$484,734
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI124225	Defining the role of host lipid repertoire in Mycobacterium tuberculosis infection	\$231,000
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129976	Distinct pathways for MR1 antigen presentation upon infection with intracellular versus extracellular pathogens	\$370,693
2018	VIROGENOMICS BIODEVELOPMENT INC	OR	R42AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$747,347
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133014	Characterization of HCMV entry receptors	\$192,500
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116635	Genetic Pathways of Human Cytomegalovirus Drug Resistance	\$315,000
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI124370	Efficacy of Strain 68-1 RhCMV Vectors Expressing 5' Leader Polypeptides	\$800,715
2018	HEMEX HEALTH INC	OR	R44AI131810	HLS-Highly-Sensitive, One-minute, Portable Diagnostic for Malaria Elimination	\$746,336
2018	NAJIT TECHNOLOGIES INC	OR	R44AI128990	Development of an H2O2-inactivated chikungunya virus vaccine	\$994,841
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123148	Metabolite modulation of Mtb regulators of cell wall biogenesis	\$481,646
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$407,721
2018	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$1,248,114
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI121160	Function of the Essential KHARON1 Protein in Bloodstream Form African Trypanosomes	\$524,134
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127591	Development of Novel Therapeutics for Leishmaniasis	\$189,589
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133631	Determining the role of host lipids in Zika virus infection	\$192,500
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123182	A Cytomegalovirus-based Vaccine Targeting the Pre-erythrocytic Stage of Malaria	\$733,610
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132404	Regulation of memory T cell trafficking by core 2 O-glycan synthesis	\$382,270
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$385,000
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129801	Using monoclonal antibody Fc variants in strategies to eliminate HIV reservoirs	\$843,521
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$488,218

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2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI135537	Dengue virus immunity in endemic and non-endemic human cohorts	\$245,669
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI130745	Heterogeneity in Virus Capsid Assembly and Structure	\$244,781
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R03AI137636	Developing a versatile genetic toolbox for Leishmania using 2A peptide technology	\$77,000
2018	OREGON STATE UNIVERSITY	OR	R01AI129957	Biosynthetic studies and development of ribomimetic-based anti-infectives	\$352,086
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI134790	Lung Resident, MR1-Restricted T Cells: Association with Differential Outcomes Following Exposure to M. Tuberculosis	\$687,175
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129703	A nonhuman primate model of stem cell transplantation to understand determinants of post-transplant SIV clearance	\$825,078
2018	UNIVERSITY OF OREGON	OR	R21AI125804	Mass Spectrometry Analysis of Lipid-Protein Interactions and Structural Heterogeneity in the Anthrax Toxin Pore	\$218,430
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI127335	Human Cytomegalovirus dysregulation of host hematopoietic progenitor cell signaling pathways to modulate latency, reactivation, and hematopoiesis during transplantation	\$1,823,847
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$671,954
2018	PORTLAND STATE UNIVERSITY	OR	R03AI133023	Uncovering small RNAs that contribute to Coxiella burnetii infection	\$74,250
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133632	Creation of a chronic HBV infection model in rhesus macaques	\$218,750
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI140888	Understanding Unconventional CD8+ T cell Responses in Protection from HIV	\$847,205
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI021640	Molecular Aspects of Cytomegalovirus Latency	\$654,178
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	\$397,288
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117802	A universal MHC-E-restricted T cell vaccine for HIV	\$931,503
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI128970	An IL-15 superagonist approach to clear the latent viral reservoir	\$262,500
2018	PORTLAND STATE UNIVERSITY	OR	R03AI123464	MicroRNA mediated inhibition of apoptosis in Coxiella burnetii infection	\$74,250
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI130055	Innate immunity to enteric virus infection by IFN?-stimulated-gene expression	\$385,000
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI133712	PROBING the DYNAMICS of INFANT IMMUNITY to LIMIT HIV PERSISTENCE	\$819,113
2018	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$612,538
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U19AI128741	Development of Immunogenicity- and Efficacy-Optimized CMV Vectors for an HIV/AIDS Vaccine	\$2,321,982

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2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132186	An Advanced Vaccine Candidate To Prevent Zika Virus Infection	\$1,341,359
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI123682	ABC transporters necessary for intracellular survival of L. pneumophila	\$192,500
2018	OREGON STATE UNIVERSITY	OR	R01AI130059	The Role of Ubiquitin and Ubiquitin-Like Molecules in Direct Antigen Presentation	\$353,924
2018	TOMEGAVAX, INC.	OR	R44AI129232	A Cytomegalovirus-based therapeutic vaccine for chronic hepatitis B	\$685,089
2018	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI140641	International Herpesvirus Workshop	\$9,000
2018	OREGON STATE UNIVERSITY	OR	R21AI135641	Interactions between Gut Microbiome Natural Products and Intestinal Helminths	\$220,500
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI116575	Analyzing Adult Pneumococcal Vaccination Implementation in the Underserved	\$311,667
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	\$466,908
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$454,590
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B cells in the pathogenesis of allograft rejection	\$389,583
2018	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,921,458
2018	VENATORX PHARMACEUTICALS INC	PA	R44AI122421	Advancement to Clinical Candidate of Novel, Potent and Selective Chikungunya virus inhibitor series	\$1,173,313
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI140111	A novel viral defense system	\$234,500
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI116276	Visualization of in vivo HIV-1 vaginal transmission in the presence and absence of PrEP	\$553,221
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$387,500
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$529,409
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI127677	Development of a Novel, Sensitive ZIKV-Specific Serodiagnostic Assay Utilizing Biologically Inspired Synthetic Molecules	\$689,242
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124084	Expression of X-linked autoimmunity genes in B cells during female-biased autoimmunity	\$201,250
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI125650	The Role of the De-condensed Structure of Nascent Chromatin During T Cell Differentiation	\$653,648
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI126440	TLR4 shapes BM HSCs and lymphopoiesis	\$233,003
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$385,001
2018	UNIVERSITY OF PENNSYLVANIA	PA	U19AI131130	Engineering a human brain organoid-based platform to study neurotropic viruses	\$1,543,257
2018	UNIVERSITY OF PENNSYLVANIA	PA	R61AI133696	Epigenetic HIV Silencing in Macrophages	\$863,603
2018	UNIVERSITY OF PITTSBURGH	PA	F31AI129381	The role of ToxR signal transduction in Vibrio cholerae pathogenesis	\$40,644
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130676	Genomic analysis of HSV-1 in the niche of genital infection	\$197,269

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2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI133379	Dissecting RNA Regulation During Malaria Parasite Sexual Development	\$230,169
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127798	Sexual Development of Cryptosporidium	\$375,000
2018	DREXEL UNIVERSITY	PA	R21AI129539	Molecular Components of Plasmodium Secretory Organelles	\$195,625
2018	UNIVERSITY OF PENNSYLVANIA	PA	F30AI129263	The Role of Tox in Regulating T Cell Exhaustion	\$31,475
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI130115	Treating chronic viral infection by epigenetic reprogramming of exhausted CD8 T cells	\$545,617
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI136664	Statistical Models for Estimating and Projecting HIV/AIDS Epidemics	\$730,024
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI128325	Role of stem cell-derived T lymphocytes in chronic HBV infection	\$0
2018	UNIVERSITY OF PENNSYLVANIA	PA	R13AI138340	22nd Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$5,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI138716	Replication Competent HIV-1 in Blood and Tissues	\$193,366
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137433	Selective Whole Genome Amplification - Enabling Microbial Population Genomics	\$242,837
2018	UNIVERSITY OF PENNSYLVANIA	PA	K99AI137442	Investigation of subtelomeric gene families in Cryptosporidium	\$108,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI132460	Environmental adaptation by Vibrio cholerae	\$375,995
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI138504	Regulation of T cell activation and exhaustion by Tim-3	\$388,425
2018	VIRONIKA LLC	PA	R43AI141135	Small Molecule Targeting of Viral Non-Coding RNA EBER1 to Detect and Treat Latent EBV	\$300,000
2018	UNIVERSITY OF PITTSBURGH	PA	R56AI139053	Contribution of CD8 T cells in Controlling Tuberculosis	\$787,116
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI139063	Visualization of Influenza Viral RNA Assembly	\$382,666
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139188	Genomics of S. Aureus Colonization after Initial and Recurrent Skin Infections and the Impact of Antibiotics	\$771,341
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI137526	Bacterial Interference to Prevent Staphylococcus aureus Infection	\$456,602
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI130156	Analysis of the mechanism of HCMV cytoplasmic envelopment	\$378,795
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI125338	PPAR-delta as a Novel Therapeutic Target in Asthma	\$476,694
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$452,612
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135412	Modeling Staphylococcus aureus infection and pathogenesis in humanized mice	\$195,520
2018	WISTAR INSTITUTE	PA	R01AI135723	Multivalent DNA vaccine-mediated protection against Tuberculosis	\$675,566
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,752,160
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$506,425
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$373,437
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$383,380

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2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$477,728
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$400,000
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$433,993
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin resistance in extensively drug-resistant Gram-negative pathogens	\$371,203
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$877,747
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI107825	Negative Control of IL-17R Signaling: Implications for Fungal Immunity	\$382,423
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI111871	HIV-TB Co-infection: Tracking TB emergence after asymptomatic (latent) infection	\$615,075
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120821	Rapid Immune Restoration and Lung Injury in HIV/TB	\$714,852
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI122369	Hepatocyte xenografts for treatment of acute liver failure	\$1,004,804
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI125565	Dissecting the role of ApiAP2 proteins in transcriptional regulation during Plasmodium falciparum development	\$382,561
2018	UNIVERSITY OF PENNSYLVANIA	PA	K23AI121485	Longitudinal analysis of respiratory tract microbiome change and sequence-based infection diagnosis during mechanical ventilation	\$195,696
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$734,664
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI130496	Role of proinflammatory tRNA-derived RNAs in asthma	\$195,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$655,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$385,000
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI132828	Modulation of T cell priming by dendritic cell stiffness	\$210,000
2018	UNIVERSITY OF PITTSBURGH	PA	R03AI131049	Novel mouse models for studying Tim-3 signaling	\$76,758
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130692	Ribozyme Guided CRISPRi in Human- and Rodent-Infectious Plasmodium species	\$194,430
2018	TEMPLE UNIVERSITY	PA	R21AI132996	Immune recognition of amyloid/extracellular DNA complexes	\$195,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123539	Epigenetic imprinting of follicular helper T cell fate and function in lupus	\$815,292
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI134195	Influence of SIV replication on TB progression and immunity	\$933,104
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI125050	Cadaveric Donor Lung and Bone Marrow Transplantation in Immunodeficiency Diseases	\$934,439
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI128111	Role of miRNAs in toll-like receptor-mediated autoimmune B cell response and lupus-like autoimmunity	\$191,084
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$364,425

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2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134879	Defining the impact of pre-existing memory T cells in human immunity	\$523,802
2018	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$3,985,081
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI130231	Topological Control of Antigen Receptor Loci during Lymphocyte Development	\$786,193
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$218,333
2018	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI122301	Development of a urine-based point-of-care test for adherence to antiretroviral drugs	\$281,274
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI134594	Point of Care Molecular Detection of Vector-Borne Pathogens	\$241,500
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI139706	Textured Polyphosphazene Biomaterial with Improved Hemocompatibility	\$219,991
2018	PROGENRA INC	PA	R43AI138753	Small-molecule inhibition of mechanisms shared across pathogenic cells in systemic lupus erythematosus	\$223,362
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI137062	Defective Viral genomes in RSV pathogenesis	\$509,168
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI142572	Phylogeographic dynamics of tick-borne pathogens	\$482,821
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135367	Illuminating metabolic pathways enabled by early T cell activation	\$230,816
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI131238	The Role of IL-II in the development of autoimmune response in multiple sclerosis	\$403,850
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI138432	Investigating the role of m6A RNA methylation during adenovirus infection	\$59,038
2018	UNIVERSITY OF PITTSBURGH	PA	P01AI129880	Role of TIM Molecules in Regulatory and Inflammatory B cells in Allo and Autoimmunity	\$1,913,055
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI137173	Membrane trafficking in innate immunity to bacterial pathogens	\$430,000
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$420,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI117410	Complement dysregulation and atypical hemolytic uremic syndrome	\$400,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120489	ROS responses during Vibrio cholerae infection	\$473,325
2018	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$1,509,984
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI122749	Antiviral immunity in the gut: how the intestinal epithelium and microbiota regulate infection	\$394,288
2018	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$22,297,104
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091627	Notch Signaling in Alloimmunity	\$637,327
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	\$372,500
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI110793	Influence of temperature on malaria transmission and prospective vector control	\$450,393
2018	WISTAR INSTITUTE	PA	U19AI109646	Synthetic DNA & Novel Env Vaccine for HIV	\$3,340,504

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2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$420,000
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI124386	Mechanisms of GM-CSF effect in CNS autoimmune demyelination	\$390,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$385,000
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI127670	Regulation of Hepatitis B Virus Capsid Assembly	\$385,921
2018	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI125005	DEVELOPMENT OF TOPICAL ANTIVIRAL AGENTS FOR TREATING MOLLUSCUM CONTAGIOSUM	\$998,623
2018	PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE	PA	R03AI128254	Anti-osteogenic functions of lipocalin2, an innate immune protein, during autoimmune arthritis	\$81,542
2018	DREXEL UNIVERSITY	PA	R21AI133372	Injectable Biomaterial Scaffold for Inducing Antigen-Specific Tolerance	\$195,625
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI133351	Novel antimicrobial agents to overcome antibiotic resistant Pseudomonas and MRSA respiratory infection	\$526,238
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI132909	T cell responses during eastern equine encephalitis virus infection	\$194,393
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI133075	Effect of IL-7 on B cell development and function in humanized mice	\$195,000
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134384	Tuning big data analysis infrastructure for HIV research	\$691,316
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI131983	Pharmacoenhancers for antiretroviral therapy: safety and future development	\$382,683
2018	DREXEL UNIVERSITY	PA	R21AI132997	Identification of a novel resistance gene for demyelinating disease	\$195,625
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123341	Mechanisms Governing Translational Regulation During Plasmodium Transmission	\$386,419
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI130665	Are schistosome micro-exon genes (MEGs) upregulated as an immune evasion response to the antischistosomal drug praziquantel?	\$241,500
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135082	Biased agonism and conformational heterogeneity of beta adrenergic receptors in bronchodilation	\$247,250
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI137652	Functions of histones and chromatin remodeling complexes in productive HSV-1 infection	\$195,001
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137283	The role of mannitol metabolism in toxigenic Vibrio cholerae pathogenesis	\$241,500
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI138152	Detoxification of Luminal Endotoxin by Gut Microbiota	\$226,893
2018	UNIVERSITY OF PENNSYLVANIA	PA	K08AI130365	Pregnancy-induced T cell exhaustion: an opportunity to reduce immunosuppression	\$196,236
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI135421	Novel role of CARD19 in cell death and anti-bacterial host defense	\$241,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI140010	Evaluating the Clostridium perfringens Agr-like Quorum Sensing System as a Therapeutic Target	\$209,970

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2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI136660	Transcriptional and epigenetic regulation of Tfh dysfunction in HIV	\$155,552
2018	RESPANA THERAPEUTICS INC	PA	R41AI136294	Novel therapeutic monoclonal antibody targeting SP-R210 isoforms to prevent influenza disease progression and expedite resolution of comorbidities	\$298,498
2018	DREXEL UNIVERSITY	PA	F31AI136385	Investigating How VanS Induces Vancomycin Resistance Genes: Vancomycin Sensing and Signal Transduction	\$44,524
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$391,748
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI138782	Role of SIV and HIV Env cytoplasmic tail in pathogenesis and protective immunity	\$805,483
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134834	Gene regulation from the inactive X in activated B cells	\$500,046
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI132349	Mechanisms by which cyanotriazoles activate latent HIV	\$225,892
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$287,189
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$236,599
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$376,830
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	\$385,254
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106026	The role of IL-27 in iv tolerance in EAE	\$387,500
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI116983	Molecular mechanisms used by Chlamydia trachomatis to manipulate membrane fusion	\$429,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$380,950
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$767,169
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120011	A FAST Assay to Quantify HIV Reservoirs	\$654,759
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$564,578
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI104844	Therapeutic targeting of malarial placental cytoadherence	\$478,779
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI116794	Biomedical Computing and Informatics Strategies for Infectious Disease Research	\$874,977
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI107121	Mechanisms of Enterovirus Entry	\$393,775
2018	UNIVERSITY OF PITTSBURGH	PA	R37AI118841	Investigating How TLR7 Activates and TLR9 Regulates Systemic Autoimmunity	\$388,016
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123538	Role of Stx11 and STXBP2 in lytic granule exocytosis in health and disease	\$423,954
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127271	Next Generation Missing Data Methods in HIV Research	\$815,844
2018	L.E.A.F. THERAPEUTICS, LLC	PA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$570,274
2018	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131251	SHIV/HIV Env-Antibody Coevolution as a Guide to Iterative Vaccine Design	\$3,269,168
2018	UNIVERSITY OF PITTSBURGH	PA	K08AI114883	Casposfungin pharmacokinetics-pharmacodynamics during intra-ADBOMINAL candidiasis	\$181,038

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2018	UNIVERSITY OF PITTSBURGH	PA	R01AI118777	Regulation of Liver DC Function and Transplant Tolerance	\$458,602
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI127472	Enhanced Detection System for Healthcare-Associated Transmission of Infection	\$728,162
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$186,408
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123272	Development of a single-dose rabies virus vaccine	\$390,000
2018	UNIVERSITY OF PITTSBURGH	PA	F30AI122563	Mechanisms of noncytolytic reovirus egress	\$49,524
2018	INSTITUTE FOR CANCER RESEARCH	PA	R01AI135025	Mechanism, Function, and Exploitation of Influenza A Virus-Activated Cell Death	\$676,077
2018	CARNEGIE-MELLON UNIVERSITY	PA	R21AI135178	GENETIC MANIPULATION OF DIVERSE CANDIDA ALBICANS ISOLATES	\$186,891
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI125513	Akt controls alternative splicing in T helper cell fate decisions	\$386,996
2018	CARNEGIE-MELLON UNIVERSITY	PA	R21AI126222	REGULATION OF mRNA TRANSLATION IN CANDIDA ALBICANS DURING INFECTION OF A MAMMALIAN HOST	\$208,929
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135027	Blimp-1-mediated Th2 cell development in the lung impacting allergic airway inflammation	\$186,041
2018	UNIVERSITY OF PENNSYLVANIA	PA	R56AI132329	Myeloid-derived Suppressor Cells and Their TIPE2 Polarization Complex	\$402,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI132875	Heat shock protein gp96 and Treg responses	\$194,291
2018	DREXEL UNIVERSITY	PA	R21AI136570	Exploring how engineered vancomycin dimers target vancomycin-resistant enterococci (VRE)	\$232,256
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI140442	MERS coronavirus: antagonism of double-stranded RNA induced host response by accessory proteins	\$497,163
2018	TEMPLE UNIVERSITY	PA	R21AI137541	Epithelial type I interferon signaling in Salmonella typhimurium infection	\$237,750
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI139576	Molecular mechanisms of Toxoplasma-placenta interactions	\$234,750
2018	HEPATITIS B FOUNDATION	PA	R13AI140637	2018 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$6,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134862	Mechanisms of DDO Adjuvancy	\$469,510
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134911	Carbon nanotube integrated microdevice for next generation sequencing based virus discovery	\$478,175
2018	UNIVERSITY OF PITTSBURGH	PA	R56AI139010	HIV-Reservoir in Naive CD4+ T Cells	\$559,118
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI135567	Major contribution of non-classical antigen processing to Salmonella Typhimurium-specific CD4+ T cell responses	\$268,926
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118691	Mechanistic studies of BlyS-mediated modulation in HIV-1 Env-specific antibody responses	\$680,047
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$400,000

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2018	CARNEGIE-MELLON UNIVERSITY	PA	R21AI137464	C. ALBICANS HYPHAL CELL WALL STRESS RESPONSE	\$226,803
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$172,522
2018	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$2,605,199
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$225,454
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$354,598
2018	PENNSYLVANIA STATE UNIVERSITY	PA	F32AI124507	Characterizing the gametocyte metabolome of the human malaria parasite Plasmodium falciparum	\$15,918
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$403,927
2018	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$1,215,815
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI110328	Viral Long Noncoding RNA Functions in Epstein-Barr Virus Infection	\$377,956
2018	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$453,497
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI118887	Reovirus Attachment Mechanisms	\$416,092
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI114587	In Vivo Detection And Mechanisms Of Regulatory B Cell Function In Transplantation	\$377,440
2018	INSTITUTE FOR CANCER RESEARCH	PA	R01AI130022	Hepatitis B virus cccDNA	\$457,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI126845	Negative Regulation of Mast Cell Activation by PIK3IP1	\$232,197
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128940	Molecular Mechanisms of Artemisinin Resistance	\$200,000
2018	UNIVERSITY OF PITTSBURGH	PA	K08AI119448	Immune Correlates of Protection form Rift Valley Fever Virus	\$175,111
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118549	Targeting 5' leader-encoded defective ribosomal products for HIV T cell vaccines	\$712,679
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI121166	Leukocyte Activation and Migration in Autoimmune Encephalomyelitis	\$402,500
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123521	Regulation of B cells by Selenium	\$393,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI127832	Mechanism for virus persistence after acute infections	\$201,250
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI128175	Toward an Pan-lyssavirus vaccine	\$234,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI129531	Discovering host factors impacting ZIKV infection via forward genetic screens	\$195,138
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123243	Defining human noncanonical inflammasome responses to Legionella pneumophila	\$402,500
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123241	Class IIa HDAC and MEF2 Targeting to Promote Foxp3 + Treg Cell Functions	\$420,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI130010	Diversity of TFH cells and DSA generation after kidney transplantation	\$687,036

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2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI132912	Discovery of novel antiparasitics that target a pharmacologically atypical schistosome Transient Receptor Potential (TRP) ion channel	\$201,250
2018	UNIVERSITY OF PENNSYLVANIA	PA	F31AI126673	Investigating MERS-CoV NS4b as a modulator of the host antiviral response in the nucleus	\$31,589
2018	BUCKNELL UNIVERSITY	PA	R21AI117392	Transcriptomics of immunity and disease in African Fruit Bats- important zoonotic reservoirs	\$133,604
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI128530	Defining the non-apoptotic role of Caspase-8 activity in anti-bacterial immune defense	\$407,468
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127823	Drug discovery against lyssaviruses by high throughput screening	\$384,375
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125524	Splicing and Nuclear Transport of Influenza Virus mRNA	\$517,918
2018	UNIVERSITY OF PENNSYLVANIA	PA	F31AI124538	Long noncoding RNAs in innate lymphoid cell biology	\$31,442
2018	UNIVERSITY OF PENNSYLVANIA	PA	U01AI125940	Trefoil factor proteins regulate inflammation and immunity	\$461,943
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI130180	Pre-clinical evaluation of a Zika virus vaccine	\$232,490
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI130815	Oligonucleotides for Targeted Viral Capsid Protein Destruction	\$228,843
2018	UNIVERSITY OF PITTSBURGH	PA	K22AI123366	Mechanisms of NLRC4 inflammasome-associated hyperinflammation	\$108,000
2018	VENATORX PHARMACEUTICALS INC	PA	R44AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	\$1,000,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138564	Endogenous double-stranded RNA induced CNS damage in the absence of ADAR1 activity	\$219,250
2018	TEMPLE UNIVERSITY	PA	R01AI130209	Regulation of Viral Chromatin Architecture During EBV Latency	\$396,250
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139240	The clinical and molecular epidemiology of colistin-resistant carbapenem-resistant Enterobacteriaceae (CRE) in long-term acute care hospitals (LTACHs)	\$703,007
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139123	Very early plasma cell differentiation	\$577,424
2018	THOMAS JEFFERSON UNIVERSITY	PA	T32AI134646	Training grant on Vaccines and Immunotherapies for Infectious Diseases and Cancer	\$237,779
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI018289	Functions of HSV glycoproteins in virus entry and the humoral immune response	\$400,000
2018	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$1,528,540
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI131331	bNAbs induction by antigenically diverse V1V2 lineage specific SHIVs and SOSIPs	\$796,855
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$385,859
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$508,744
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128060	Regulation of group 1 ILCs by a novel lncRNA	\$201,250
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$221,793

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2018	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular mechanisms of eastern equine encephalitis virus pathogenesis	\$485,193
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$400,000
2018	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$4,376,162
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$400,000
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	\$177,959
2018	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$537,218
2018	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$2,247,142
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI118195	PET Probes Targeting Immune Cells for Imaging Tuberculosis	\$692,236
2018	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI120249	Film Antiretroviral Microbicide Evaluation	\$2,788,873
2018	INSTITUTE FOR CANCER RESEARCH	PA	R01AI113320	Mechanisms regulating the B lymphopoiesis fetal/adult switch	\$457,500
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI119346	Animal Model for Testing SIV Latency Reversal Strategies	\$847,031
2018	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI123392	Induction of allogeneic tolerance with bioengineered thymus organoids	\$370,336
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125563	Impact of early T-bet on CD8 T cell effector responses	\$402,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128991	IL-17 Isoforms in Organ Specific Autoimmunity	\$233,876
2018	WISTAR INSTITUTE	PA	R21AI129636	Role of Host Glycosylation in the Galectin-9-Mediated Reversal of HIV Latency	\$212,900
2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127389	Migration and function of cutaneous B cells	\$312,000
2018	DREXEL UNIVERSITY	PA	R01AI114292	Multivalent chimeric subunit malaria vaccines	\$665,045
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI114674	The Consequences of Reinfection with M. tuberculosis	\$744,863
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121383	Early life antibiotics, gut microbiome development, and risk of childhood obesity	\$741,895
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118891	Viral Modulation of Epigenetic Mechanisms	\$483,000
2018	VENATORX PHARMACEUTICALS INC	PA	R43AI129009	Discovery of inhibitors of Zika virus	\$299,999
2018	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$346,611
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI133318	Understanding the Biosynthesis of the 2,4-Dimethylindolic Acid Moiety in the Thiopeptide Antibiotic Nosiheptide	\$157,500
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI127293	Exosomes as an early line of defense against HIV-1 infection	\$195,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124429	Nucleoside modified mRNA based HIV vaccine	\$839,218
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI132758	Mechanisms and promotion of immune regulation by CD4+ regulatory T cells within allografts	\$383,098
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI133261	CD27:CD70 signaling in hematopoietic stem cell formation	\$252,964

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2018	UNIVERSITY OF PITTSBURGH	PA	K08AI127933	Mechanism and Consequences of Temporal Gene Expression for SOS-induced Mutagenesis	\$188,892
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123738	Cytokine regulation of T follicular helper (Tfh) cell biology	\$402,500
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123173	Physiological roles of schistosome TRP ion channels with atypical pharmacology	\$402,500
2018	WISTAR INSTITUTE	PA	UM1AI126620	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	\$4,589,036
2018	UNIVERSITY OF PITTSBURGH	PA	F31AI136251	Cis- and Trans-Acting Requirements for HSV-1 Late Gene Transcription	\$44,524
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI137132	Investigating the Repertoires and Functions of T Cells that Help Autoreactive B Cells in Lupus	\$381,404
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135238	The function of MFSD2A on CD8+ T cells in the immune response	\$193,320
2018	UNIVERSITY OF PITTSBURGH	PA	K22AI127367	Quantitative control of macrophage signaling and inflammation thresholds	\$162,000
2018	IVIEW THERAPEUTICS INC	PA	R43AI138660	In-situ gel of Povidone Iodine/Budesonide as Sustained Nasal Drug Delivery for the Treatment of Chronic Rhinosinusitis	\$279,745
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI137484	Intersections of bitter taste receptor (T2R) and toll-like receptor (TLR) signaling in airway epithelial cell innate immunity	\$241,500
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130856	Mechanisms of increased Shiga toxin production by commensal E. coli	\$252,025
2018	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI134732	Development of Benzodiazepine YFV NS4B inhibitors as therapeutic agents for Yellow Fever	\$723,640
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI135359	The Role of Post-translational Modifier PRMT5 in Regulatory T cell Development and Function	\$201,250
2018	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI138630	Development of Small Molecule Therapeutics Targeting Hemorrhagic Fever Viruses	\$300,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120810	Studies of the precursor of the human AIDS virus in its natural chimpanzee host	\$672,633
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121321	Adenovirus manipulation of cellular chromatin to overcome host responses	\$542,364
2018	TEMPLE UNIVERSITY	PA	R01AI132852	Multipurpose targeted nano-antibiotic therapy to fight tough infection in bones	\$396,250
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI129890	The Membrane Repair Channel TRPML1 Regulates Ebola Virus Budding	\$241,500
2018	THOMAS JEFFERSON UNIVERSITY	PA	F32AI129352	The role of skin-derived, migratory dendritic cells in ectromelia-infected mice	\$61,174
2018	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$277,965
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI043603	Murine Memory B Cell Development and Function	\$578,119
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$377,480

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2018	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$975,370
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$649,109
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$382,394
2018	UNIVERSITY OF PITTSBURGH	PA	F31AI126632	Elucidating the Role of the FACT Complex in the HSV-1 Life Cycle	\$37,393
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125284	Regulation of T cell responses to oral antigens	\$402,500
2018	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$194,318
2018	DREXEL UNIVERSITY	PA	R01AI128815	Bifunctional Chimeras Targeting Both HIV-1 Env and Host Cell Co-receptors	\$200,000
2018	DREXEL UNIVERSITY	PA	R01AI132508	Molecular Pathways Affected by Drugs that Disrupt Na + Homeostasis in Malaria Parasites	\$588,304
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128201	Gene delivery for Anopheles mosquitoes	\$381,889
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI132967	Uncoating of the Herpes Simplex Virus Genome	\$234,626
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$478,032
2018	DREXEL UNIVERSITY	PA	U19AI128910	Integrative Omics of HepB Vaccine Response in Co-Infection with Parasites	\$1,284,141
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI129661	Optimization HIV Inhibition by Allosteric Integrase Inhibitors	\$434,303
2018	UNIVERSITY OF PITTSBURGH	PA	P01AI108545	Synergies among inhibitory receptors in tolerance, cancer and antiviral immunity	\$2,178,406
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128338	Chromosomal and plasmid contributions to colistin resistance and virulence in KPC-producing Klebsiella pneumoniae	\$196,114
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128059	Multiplexed point-of-care molecular detection for multiple infections in co-endemic settings	\$201,250
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI038296	Molecular Basis of Reovirus Pathogenesis	\$445,154
2018	UNIVERSITY OF PITTSBURGH	PA	P01AI106684	Immune Airway-Epithelial Interactions in Steroid-Refractory Severe Asthma	\$1,533,612
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124182	Role of a novel human mast cell G protein coupled receptor in Allergy and Inflammation	\$402,500
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135406	Determining the proteomic differences that define CD8+ memory T cell recall response	\$192,100
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136945	Regulating Leukocyte Migration in Inflammation	\$402,500
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI136779	Regulatory Dendritic Cell Therapy in Live Donor Renal Transplant Recipients	\$1,000,075
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI140443	Viral genetic correlates of invasive neonatal HSV disease	\$254,142
2018	DREXEL UNIVERSITY	PA	R21AI138143	Consequences of HBV modulation of metabolic homeostasis in human hepatocytes	\$232,127

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2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI139060	Targeting mosquito complement to alter the specificity of the innate immune response	\$402,500
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI130967	Persistent rubella in immune deficient patients	\$258,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI140539	Defining the functional interface between the ER and flaviviruses	\$566,093
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135601	P7C3 as a novel immunomodulator for CNS autoimmunity	\$234,000
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI135522	Study Network of Acinetobacter as a Carbapenem-Resistant Pathogen (SNAP)	\$261,212
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R37AI053531	Picornavirus Genome Replication	\$572,472
2018	UNIVERSITY OF PITTSBURGH	PA	R56AI139189	Prospective Epidemiologic Study of Novel Etiologic Agents of Pelvic Inflammatory Disease	\$700,132
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125265	Resident Memory T cells in Leishmaniasis	\$402,500
2018	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI132692	Forward genetic prediction and testing of virulence loci in herpes simplex virus 1	\$421,991
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI118896	Differential modulation of RIG-I and cGAS signaling by OASL and its role in antiviral response.	\$449,301
2018	VENATORX PHARMACEUTICALS INC	PA	R44AI109879	Advancement to IND of novel BLI for pairing with cefixime	\$1,000,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI122640	Molecular studies of VZV infection, latency and reactivation in human neurons in-vitro	\$460,859
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$420,000
2018	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$510,184
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$205,185
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$398,081
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118861	Innate immune-mediated control of pulmonary Legionella pneumophila infection	\$400,000
2018	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$1,792,662
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI114266	Restriction of HIV-1 transmission by type 1 interferons	\$590,444
2018	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$185,004
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$381,220
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI114515	Mechanisms of ubiquitin pathway activation and function	\$420,000
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$507,143
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI111815	The Impact of Pre-existing SIV on Host Immunity to M tuberculosis in Macaques	\$751,157

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2018	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119069	Targeting RIP1-mediated pathways for immune homeostasis and tolerance	\$390,000
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121015	Virulence mechanisms in the emerging pathogen <i>Kingella kingae</i>	\$420,000
2018	Evrys Bio, LLC	PA	R44AI122488	SIRTUIN AGONISTS AS PAN INFLUENZA ANTIVIRALS	\$1,000,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	T32AI118684	Combined Adult and Pediatric Infectious Disease Postdoctoral Training Grant	\$195,114
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI128082	Exploitation of mycobacteriophage-encoded partitioning cassettes	\$194,896
2018	PROGENRA INC	PA	R44AI109980	Ubiquitin pathway inhibitors for treatment of asthma	\$636,155
2018	PENNSYLVANIA STATE UNIVERSITY	PA	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	\$382,660
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI133536	Interferon-independent STAT1-mediated protective antiviral immunity	\$232,050
2018	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131338	Immunological Strategies to Modulate SIV Rebound Following ART Interruption	\$1,614,482
2018	UNIVERSITY OF PITTSBURGH	PA	U19AI131453	Regulatory immune cell therapy, promotion of tolerance and underlying mechanisms in NHP renal transplantation	\$1,468,504
2018	UNIVERSITY OF PITTSBURGH	PA	U01AI131285	Comparison of Dendritic Cell-Based Therapeutic Vaccine Strategies for HIV Functional Cure	\$1,871,420
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128569	Regenerative therapy for lung infection by <i>S. pneumoniae</i>	\$200,293
2018	UNIVERSITY OF PITTSBURGH	PA	R21AI131763	Programming Dendritic Cells to Expose the Persistent HIV-1 Latent Reservoir for Immune Targeting	\$195,625
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI133998	Plasma Cell Priming	\$201,250
2018	TEMPLE UNIVERSITY	PA	R01AI125111	Interleukin-36 cytokines in antiviral immune responses	\$390,000
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121250	IL-33 Blockade as a Novel Therapeutic for T-cell Mediated Hypercytokinemia Syndromes	\$594,670
2018	DREXEL UNIVERSITY	PA	K22AI127702	Nonconventional mitochondrial ribosomes of malaria parasites	\$108,000
2018	LEHIGH UNIVERSITY	PA	R15AI133634	Biomechanics of TIM Protein-Mediated Ebola Virus-Host Cell Adhesion	\$434,929
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI138052	Modular Domains of Host Proteins Regulate Filovirus Maturation	\$246,400
2018	FREEFLOW MEDICAL DEVICES LLC	PA	R43AI136573	Omniphobic Coating to Prevent Central Line Catheter Infections	\$222,842
2018	THOMAS JEFFERSON UNIVERSITY	PA	R21AI135361	Development of Rabies-based Virus-like Particles	\$195,000
2018	UNIVERSITY OF PENNSYLVANIA	PA	R21AI139392	Dueling PPxY Motifs of Filovirus VP40 and Host Angiotensin: Effects on Innate Immune Defenses and Tight Junction Integrity at Immune Privileged Sites	\$258,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF PENNSYLVANIA	PA	R00AI125786	Immune-Microbiota Interaction in defense against Clostridium difficile	\$249,000
2018	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI140014	The role of PTP1B in cell-to-cell spread of herpes simplex virus in vivo	\$191,625
2018	UNIVERSITY OF PITTSBURGH	PA	R34AI136782	Randomized Controlled Trial of Anti-TNF to Preserve Allograft Function in High-Risk Renal Transplant Patients Based on a B Cell Biomarker	\$229,198
2018	TEMPLE UNIVERSITY	PA	R34AI127305	Private wells and enteric infections in children: A randomized intervention trial	\$257,827
2018	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI141110	Defining the MHC-II processing and presentation landscape of HIV-1	\$258,000
2018	VENATORX PHARMACEUTICALS INC	PA	R01AI136805	Establishing a Gram-Negative Permeation Rule Set Leveraging a Unique Small Molecule Library	\$1,853,400
2018	UNIVERSITY OF PENNSYLVANIA	PA	R01AI136626	Changes in Bone Quality, Sarcopenia and Fat Distribution in HIV/HCV Patients after HCV Therapy	\$814,787
2018	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$486,080
2018	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$1,909,693
2018	UNIVERSITY OF PUERTO RICO	PR	R01AI122935	Optimization of HIV glycoproteins as vaccine candidates	\$1,303,900
2018	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$406,250
2018	RHODE ISLAND HOSPITAL	RI	R03AI130526	A murine model of Pseudomonas aeruginosa pneumonia secondary to hemorrhagic shock	\$80,500
2018	BROWN UNIVERSITY	RI	R21AI139592	Defining the Roles of Perseverance and Heteroresistance in Persistent Human Fungal Infections	\$243,750
2018	RHODE ISLAND HOSPITAL	RI	R34AI134558	Trial of Oral Doxycycline for the Treatment of Childhood Lyme Meningitis	\$261,693
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140535	2018 Microbiology of the Built Environment Gordon Research Conference	\$15,000
2018	PROTHERA BIOLOGICS LLC	RI	R44AI141283	Rapid Test to Assist Therapy in Neonatal Sepsis and Necrotizing Enterocolitis	\$166,522
2018	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$641,106
2018	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$395,679
2018	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$8,000
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136027	2018 Biology of Spirochetes Gordon Research Conference and Gordon Research Seminar	\$6,000
2018	BROWN UNIVERSITY	RI	R21AI131047	PfCDPK5 based vaccines for pediatric malaria	\$243,750
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138268	2018 NOX Family NADPH Oxidases Gordon Research Conference & Gordon Research Seminar	\$8,000

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2018	RHODE ISLAND HOSPITAL	RI	R01AI116629	Use of Biomimicry to Determine the Effect of Sepsis on Neutrophil Traction	\$408,754
2018	RHODE ISLAND HOSPITAL	RI	R03AI132801	Evaluation of Management Strategies for Maximizing Supportive Care for Patients with Ebola Virus Disease	\$75,793
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136872	2018 Glycolipid and Sphingolipid Biology Gordon Research Conference	\$10,000
2018	BROWN UNIVERSITY	RI	R01AI112953	The role of polo-like kinase in the duplication of the trypanosome cytoskeleton	\$400,514
2018	UNIVERSITY OF RHODE ISLAND	RI	R01AI139473	Novel adjuvant to boost humoral and cellular immune responses against influenza	\$453,983
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140634	The Bacterial Cell Envelope: From Mechanism of Assembly to Role in the Physiology of single cells and communities	\$4,250
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140622	2018 Microbial Stress Response Gordon Research Conference & Gordon Research Seminar	\$8,500
2018	BROWN UNIVERSITY	RI	R01AI122217	Regulation of MCMV Persistence by Natural Killer Cells	\$481,861
2018	BROWN UNIVERSITY	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$759,349
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136460	21018 Sensory Transduction in Microorganisms Gordon Research Conference & Gordon Research Seminar	\$8,000
2018	RHODE ISLAND HOSPITAL	RI	R01AI116639	Hepatitis B virus vaccine escape mutants	\$362,250
2018	BROWN UNIVERSITY	RI	R01AI127699	Tfh responses to novel vaccine candidates and protection from pediatric falciparum malaria	\$672,534
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138261	2018 Biology of Host Parasite Interactions Gordon Research Conference and Gordon Research Seminar	\$5,500
2018	GORDON RESEARCH CONFERENCES	RI	R13AI140636	2018 Streptococcal Biology Gordon Research Conference	\$8,500
2018	UNIVERSITY OF RHODE ISLAND	RI	R21AI135618	Influenza vaccine immunity shaped by human-like influenza epitopes	\$191,875
2018	RHODE ISLAND HOSPITAL	RI	K24AI119158	Midcareer Investigator Award in Patient-Oriented Research	\$177,221
2018	BROWN UNIVERSITY	RI	R01AI123400	Studies of the antibacterial activity of and resistance to molecules targeting the ClpP peptidase	\$694,153
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136365	2018 Food Allergy Gordon Research Conference	\$5,000
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136368	2018 Antibody Biology and Engineering Gordon Research Conference and Gordon Research Seminar	\$7,000
2018	MIRIAM HOSPITAL (THE)	RI	K24AI134359	HIV Drug Resistance, Monitoring and Transmission	\$139,737
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136168	2018 Microbial Toxins and Pathogenicity Gordon Research Conferences and Gordon Research Seminar	\$7,500
2018	GORDON RESEARCH CONFERENCES	RI	R13AI138543	2018 Drug Resistance Gordon Research Conference	\$9,000
2018	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$1,900,000
2018	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$1,895,573

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2018	BROWN UNIVERSITY	RI	R01AI108441	Optimizing HIV Treatment Monitoring under Resource Constraints	\$680,826
2018	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$133,839
2018	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$154,246
2018	EPIVAX, INC	RI	R01AI132205	Structure-Guided Design of CD4 T cell Memory-Enhanced rHA H7N9 Influenza Vaccine	\$1,150,251
2018	MIRIAM HOSPITAL (THE)	RI	R01AI136058	Real Time Phylogeny and Contact Tracing to Disrupt HIV Transmission	\$715,662
2018	GORDON RESEARCH CONFERENCES	RI	R13AI136476	New Antibacterial Discovery and Development Gordon Research Conference	\$6,500
2018	BROWN UNIVERSITY	RI	R25AI140490	Emerging Infectious Disease Scholars at Brown University	\$218,766
2018	BROWN UNIVERSITY	RI	R21AI135228	Defining the Role of Prion-Like Domains in a C. albicans Transcription Factor Network	\$203,125
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI118305	MicroRNA Regulates Graft-versus-Host Disease	\$366,977
2018	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI120987	Metallopolymer and Antibiotic Bioconjugates against Multidrug Resistant Bacteria	\$361,600
2018	CLEMSON UNIVERSITY	SC	R21AI127575	Identification of kinetoplastid parasite glucose uptake and subcellular localization inhibitors as therapeutic leads	\$271,486
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI128864	On the pathogenic role of anti-CD4 antibody in poor CD4+ T cell recovery after antiretroviral therapy in HIV disease	\$241,381
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125859	Extrinsic and intrinsic factors regulating commensal-specific T helper-17 cells	\$496,044
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125159	A Phase II Controlled Trial of Allogeneic Mesenchymal Stem Cells for the Treatment of Refractory Lupus	\$720,193
2018	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI139603	Exploring the Role of Ovary MicroRNAs in Mosquito Reproduction	\$205,500
2018	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI127203	Big Data analytics of HIV treatment gaps in South Carolina: Identification and prediction	\$633,579
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI133798	Contribution of Gut Symbiotic Bacteria to Autoimmunity	\$336,375
2018	CLEMSON UNIVERSITY	SC	T35AI134643	MENTOR: Medical Enrichment Through Opportunities in Research	\$25,672
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	T32AI132164	Program in Immunology Research and Entrepreneurship (PIRE)	\$261,244
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI107123	Biogenesis of the Poxvirus Membrane	\$373,750
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI129411	Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis	\$2,603,487

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2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI136339	Contribution of X-linked TLR-Gut microbiota interaction to Juvenile Onset of Systemic Autoimmunity	\$186,875
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI134698	Role of Vitamin D Metabolism in CRS	\$446,846
2018	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI123947	AhR ligands in epigenetic dysregulation of T cells	\$333,750
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI077283	Molecular chaperones and immune tolerance	\$373,750
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$157,476
2018	UNIVERSITY OF SOUTH CAROLINA	SC	K22AI123481	Exploring how B cell Maturation Pathways Influence Microbiota Composition and Host Health	\$145,436
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI132894	Graft-targeted anti-complement therapy to reduce cardiac graft injury and allograft vasculopathy	\$373,750
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K08AI121348	Elucidating Mechanisms of Treatment Relapse for Interferon-Free HCV Therapy	\$199,314
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI136531	Ceramide Synthesis as a Potential Target for Control of GVHD	\$224,250
2018	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K23AI125607	Asymptomatic Colonization and Transmission of Clostridium difficile in Solid Organ Transplant Patients	\$200,372
2018	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI129788	Epigenetic Mechanisms of T Cell Dysregulation in PTSD	\$474,668
2018	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	\$362,500
2018	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI128558	ZIKA virus assembly inhibitors	\$215,609
2018	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI141889	Influenza D Virus Entry and Tissue Tropism	\$541,376
2018	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI140037	The Fst proteins of Enterococcus faecalis: paradigms for the study of Type I toxin-antitoxin system toxin function	\$220,500
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$394,304
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI139088	Predictive Modeling of Influenza-Pneumococcal Coinfection	\$380,000
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminospectinomycins for Biodefense	\$691,964
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128756	Bioactivities of pneumococcal cell wall in neuropathogenesis	\$448,750
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$395,000
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$682,318
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K01AI131895	The HIV Care Continuum and Health Policy: Changes through Context and Geography	\$124,521
2018	IQUITY LABS, INC.	TN	R44AI124766	Long non-coding RNA signatures to classify multiple sclerosis	\$815,520
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$846,639

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2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI125135	Comparison of High vs. Standard Dose Flu Vaccine in Pediatric Stem Cell Transplant Recipients	\$1,584,794
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$448,750
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI127942	Sulfonylureas as repurposed agents against vulvovaginal candidiasis	\$228,000
2018	IQUITY LABS, INC.	TN	R44AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	\$498,258
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI137812	TRIMing Flavivirus Infection by a Host-encoded E3 Ligase	\$228,000
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI139014	Discovery of small molecules inhibiting Toll-like receptor-mediated inflammation	\$812,562
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	T32AI106700	Training in the Design and Development of Infectious Disease Therapeutics	\$193,292
2018	UNIVERSITY OF TENNESSEE	TN	R01AI116571	Membrane alterations and daptomycin tolerance	\$347,747
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$445,342
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI124346	The Non-Inflammasome NLRs in Immunity and Host defense	\$448,750
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$655,007
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI126662	Regulation of HemaA, the initial enzyme in Staphylococcus aureus heme biosynthesis	\$29,189
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI129229	Roles of replication fidelity in viral RNA synthesis, population diversity, and overall fitness of coronaviruses	\$29,192
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI123322	Establishment, maintenance, and consequences of asymmetric cell division in T cells	\$448,750
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133926	The impact of innate immune recognition of Staphylococcus aureus on bone homeostasis and skeletal immunity	\$29,192
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$102,718
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131722	Neutralization Fingerprinting Analysis of Polyclonal Antibody Responses against HIV-1	\$633,392
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129747	Dynein Adaptors and Cyclophilin A in HIV-1 infection	\$32,387
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI120790	Predictors of treatment toxicity, failure, and relapse in HIV-related tuberculosis	\$648,910
2018	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI114748	Gender difference in miRNA-mediated T cell aging during viral infection	\$365,000
2018	IMMUNO TECHNOLOGIES, INC.	TN	R43AI136551	Point of care assay for serodiagnosis of Leptospirosis	\$300,000
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI136514	Decoding the interactions between T cell receptors and peptide-MHC	\$721,656

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2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI139012	Mitochondrial-Nuclear Genetic Interactions in Spontaneous HCV Clearance	\$288,869
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI139021	Single Cell definition of pathogenic T cells in Drug-induced Stevens-Johnson-Syndrome/Toxic epidermal necrolysis	\$237,000
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI136255	Peptidoglycan remodeling during zinc starvation in Acinetobacter baumannii	\$29,206
2018	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$151,044
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$275,212
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$856,731
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,615,311
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$424,810
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$725,215
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI127828	Human neutralizing antibodies for Zika virus	\$632,282
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128805	MECHANISMS REGULATING AVIAN INFLUENZA VIRUS INFECTIONS IN HUMANS	\$195,404
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133970	The Skeletal Environment Dictates Staphylococcus aureus Virulence and Metabolic Processes	\$29,206
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI134036	The Role of macrophages in chorioamnionitis and group B streptococcal infections	\$478,701
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129357	Molecular determinants of human antibody-mediated inhibition of human norovirus	\$29,206
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI130459	Antigenic landscape of the human helminth IgE antibody response	\$356,377
2018	VANDERBILT UNIVERSITY	TN	R01AI135937	A 100-fold more sensitive TB diagnostic based on magnetic concentration and "coffee ring" formation	\$329,992
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI134796	Candidalysin: a key mediator of Candida vaginitis immunopathology	\$380,000
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$417,674
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$394,304
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI099080	Molecular and chemical validation of the vacuole as a new antifungal target	\$375,123
2018	MEHARRY MEDICAL COLLEGE	TN	R01AI125662	Structure and function of the Trypanosome TIM complex	\$363,750
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI125642	Risk Stratification and Decision Support to Improve Care and Outcomes in Children with Pneumonia	\$776,908

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2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI131620	Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in <i>Candida glabrata</i>	\$563,511
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI132004	High vs. Standard Dose Flu Vaccine in Adult Stem Cell Transplant Recipients	\$1,152,136
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI137255	Targeting Siglec-9/E for therapy of sepsis	\$380,000
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R34AI136815	NATIENS: A Phase III Randomized Study to Determine the Mechanisms and Optimal Management of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis	\$205,376
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI136526	Leukotriene modifying agents in the prevention of excess morbidity and mortality from influenza	\$1,126,149
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$425,410
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI138581	Molecular mapping of microbial communities at the host-pathogen interface by multi-modal 3-dimensional imaging mass spectrometry	\$593,526
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during <i>Acinetobacter baumannii</i> infection	\$768,541
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of <i>Helicobacter pylori</i> VacA	\$637,139
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$396,354
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI107052	Two-component system interactions as uropathogenic <i>Escherichia coli</i> drug targets	\$394,304
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$175,328
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108778	CopN mechanism as a key to understanding Type Three Secretion in bacteria	\$392,124
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114728	Immunological mechanisms of protection against divergent influenza A strains	\$446,991
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI124190	Targeting the T cell immune synapse in autoimmunity	\$79,000
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133952	Coronavirus antiviral nucleoside analogs: inhibition and reduced susceptibility	\$29,206
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI123307	Generation and characterization of full-length naturally occurring allergen-specific human IgE mAbs	\$197,500
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI132117	Structure-Based Design of a Broadly Protective Group A Streptococcal Vaccine	\$879,004
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI117905	Structure based design of antibodies and vaccines	\$2,610,482
2018	VANDERBILT UNIVERSITY	TN	R21AI138157	Identification of Carbon Dioxide Mimics for Effective Trapping of Malaria Vector Mosquitoes	\$235,440
2018	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI136669	Microsporidia Spore Adherence to Integrin Ligands	\$406,970
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI138492	Regulation of microglial induced inflammation by non-canonical autophagy	\$58,654

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI125481	Eosinophils as Regulators of Host Immunity against Influenza Infections	\$390,970
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$437,500
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,485,056
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110578	Developing therapeutics to treat chronic infections	\$755,183
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$287,034
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$807,998
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$280,599
2018	MEMPHIS STATE UNIVERSITY	TN	R01AI121226	Does epigenetic methylation explain the gender-switch in adolescent asthma?	\$644,944
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI133527	Obesity, Influenza and Microbiome	\$89,750
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI131780	Immunopathogenesis of nevirapine-induced severe T-cell-mediated adverse drug reactions	\$29,195
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI135254	Do they or don't they: astrovirus-induced diarrhea	\$202,039
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131771	Statistical methods for correlated outcome and covariate errors in studies of HIV/AIDS	\$641,524
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI131703	Regulation of TH17 plasticity and stemness by mTORC1	\$448,750
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI139388	Systematic Functional Analysis of the Aspergillus fumigatus kinome	\$228,000
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI129950	Design of immunogens for elicitation of neutralizing antibody responses against Zika virus	\$197,500
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI140761	Hippo signaling in stable regulatory activity and immune tolerance	\$448,750
2018	EAST TENNESSEE STATE UNIVERSITY	TN	R21AI138598	Telomere loss and T cell aging in HBV vaccine response in HIV-infected individual	\$222,000
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$2,038,447
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$445,000
2018	MEMPHIS STATE UNIVERSITY	TN	R03AI128227	Joint patterns of multi-genetic/epigenetic factors via non-parametric clustering and their association with allergic disease	\$69,617
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$394,826
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$395,000
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$437,500
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$185,543

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2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$176,871
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI132581	The Genetic Basis of Cytoplasmic Incompatibility	\$392,380
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI128281	LncRNAs tether transcription factors to enable locus-specific regulation and sustain memory T cell phenotype	\$197,500
2018	UNIVERSITY OF TENNESSEE	TN	R21AI130895	Identification of CDP-DAG and serine binding sites in Candida albicans phosphatidylserine synthase, an antifungal drug target	\$223,457
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI132560	The impact of hypoxia on Staphylococcus aureus metabolism and virulence during osteomyelitis	\$376,701
2018	VANDERBILT UNIVERSITY	TN	F30AI138424	The impact of host hypoxic signaling on antibacterial immunity and bone repair during Staphylococcus aureus osteomyelitis	\$29,204
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$741,228
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$394,478
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$262,560
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$210,468
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI113107	Host-pathogen interactions during osteomyelitis	\$184,548
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$1,488,771
2018	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI127607	Broad spectrum antifungals targeting fatty acid biosynthesis	\$297,622
2018	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	\$31,376
2018	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$448,750
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$164,994
2018	EAST TENNESSEE STATE UNIVERSITY	TN	R03AI128050	Determining the importance of in vivo estrogen receptors and in vitro hormone modulation of Wnt/?-catenin signaling on Chlamydia infections.	\$74,000
2018	VANDERBILT UNIVERSITY	TN	R21AI133522	Wolbachia Genes that Mediate Male Killing	\$224,550
2018	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI124456	GLP-1R signaling in allergic inflammation	\$568,031
2018	VANDERBILT UNIVERSITY	TN	R01AI136301	Understanding the structural basis of T cell receptor (TCR) and preTCR mechanosensing: single molecule, NMR and molecular dynamics studies	\$817,267
2018	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R15AI135826	Modulation of Macrophage Polarization by a Facultative Intracellular Pathogen	\$392,400
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$697,754

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2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$301,996
2018	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$395,188
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$405,000
2018	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$235,032
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K23AI117024	PREDICTORS OF RESPONSE TO BRONCHIAL THERMOPLASTY IN SEVERE ASTHMA	\$167,400
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$385,035
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI106200	Control of Treg exhaustion by OX40	\$393,750
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI117862	Trans-complementing papilloma virus for AIDS vaccine	\$859,068
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI107784	Induction, maintenance, and function of genital tract-resident CD8+ T cells	\$387,500
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$405,000
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$438,783
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI125581	Automated Forward Genetic Analysis of Adaptive Immunity	\$1,617,654
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI127521	Structure, Function and Antigenicity of Coronavirus Spike Proteins	\$724,246
2018	TEXAS TECH UNIVERSITY	TX	R01AI121322	Microneedles for allergy immunotherapy	\$358,370
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinases.	\$400,000
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI132001	Imaging-base Automated Screen for Compounds that Induce P-TEFb	\$198,125
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI126809	Regulation of Cellular and Humoral Responses to Mouse Malaria	\$33,734
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI131696	Modulation of Zika Virus Infection by Preexisting West Nile Virus Antibodies	\$229,500
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI127503	Targeting trypanosomatid deoxyhypusine synthase	\$202,500
2018	TEXAS ENGINEERING EXPERIMENT STATION	TX	R01AI110642	Modeling and Analysis of the Role of Microbiota Metabolites in T-Cell Differentiation	\$395,320
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI128953	Social-ecological factors influencing receptivity to Zika virus and the efficacy of interventions in communities along the Texas-Mexico border	\$185,625
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI131660	Role of Apobec in Retroviral Immunity	\$452,755
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI128325	Role of stem cell-derived T lymphocytes in chronic HBV infection	\$330,164
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137627	Genome recognition by Zika virus NS5	\$236,125

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2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI135803	FUNGAL PATHOGENESIS OF MODERATE TO SEVERE ASTHMA	\$555,952
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135453	Underlying mechanisms of necrotizing fasciitis during polymicrobial infections	\$236,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI133289	Developing a better understanding of expression and function of PBP5-R of Enterococcus faecium for future development of therapeutic modalities for VRE infections	\$206,770
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI137785	Targeting the Host Adenosine A2A Receptor to Protect Against Fatal Rickettsiosis Using an Approved Parkinson's Disease Drug	\$245,333
2018	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI130666	Genetic basis for virulence in Streptococcus mitis and S. oralis	\$247,557
2018	EPICYPHER INC	TX	R43AI134162	Rapid Quantification of Nuclear Citrullination in Human Neutrophils	\$299,999
2018	BAYLOR COLLEGE OF MEDICINE	TX	R03AI133037	Assessment of Catheter-Related Bloodstream Infections	\$79,250
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI138392	Analysis of factors controlling coxsackievirus population dynamics in the intestine	\$59,038
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI132674	Pathogenic Mechanisms of Vascular Dysfunction in Scrub Typhus	\$394,792
2018	EPICYPHER INC	TX	R43AI140942	High-Density Modified Histone Peptide Arrays for Tracking Patient Response	\$299,981
2018	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI121147	Balance of Thymic Negative Selection vs. Treg Cell Generation in the Elderly	\$328,500
2018	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$356,859
2018	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$407,041
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$473,580
2018	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$698,673
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$1,767,677
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$371,669
2018	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$312,792
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$379,668
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$394,261
2018	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$1,000,000
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI132492	IRF4-dependent T-cell effector programs in governing transplant outcomes	\$403,750

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2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K08AI113317	Daptomycin Resistance in Enterococcus faecium	\$172,301
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$85,420
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI129906	T cell fate decisions and transplant outcomes	\$517,319
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$453,604
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129509	A novel system using human fetal brain neural stem cell to model ZIKV infection	\$193,750
2018	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$1,000,000
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI115577	Mechanisms and Public Health Impact of Sylvatic Dengue Virus Emergence in Borneo	\$586,636
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI110358	Mechanisms of HCV Assembly	\$387,500
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI116222	Novel small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$484,884
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	\$73,914
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI124720	Characterization of Vibrio cholerae CsrA as a switch for virulence gene expression in response to environmental cues	\$195,625
2018	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI123310	IFN- γ independent inhibition of MTB growth in human macrophages	\$349,550
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$426,576
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	\$397,273
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular mechanisms regulating TLR signaling and inflammation	\$400,000
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126012	Unanchored Polyubiquitin Chains and Innate Immunity to Influenza Virus	\$232,500
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129844	Preclinical development of candidate Zika virus vaccines using mouse models	\$237,000
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI120749	A novel nanochannel system for sustained delivery of Tenofovir Alafenamide Fumarate and Emtricitabine for HIV pre-exposure prophylaxis	\$764,063
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI121403	Modeling ICF syndrome in mice: Role of Zbtb24 in DNA methylation and antibody production	\$400,000
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI135574	Innate lymphoid cells in Campylobacter-induced colitis	\$228,750
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI130197	The adaptor protein Crk in immune responses	\$705,936
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI137754	Study of the check point inhibitors with or without antifungals on the natural history of murine invasive pulmonary aspergillosis	\$80,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	K22AI125468	Investigating "viable but non-culturable" Cell and Persister Formation Mechanisms	\$162,000
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI126941	Mesenchymal Stem Cell Niche for Tuberculosis	\$231,000
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI127692	Translational Control of Morphology and Virulence in Candida albicans	\$391,705
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI137546	Controlling the Virulence Genome of V. cholerae	\$189,410
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134907	A High-Throughput Platform for COVID-19 Serodiagnosis, Vaccine Evaluation, and Drug Discovery	\$394,167
2018	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI135005	Development of a multivalent vaccine against Coccidioides infection	\$387,707
2018	TEXAS A & M UNIVERSITY	TX	R21AI140004	The secreted effector SseC is a key regulator of retrograde transport during Salmonella enterica serovar Typhimurium infection	\$218,199
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI139480	Network Dynamics of Syphilis Coinfection within Biomedical Prevention	\$211,880
2018	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI137890	Differential diagnosis of cutaneous leishmaniasis by immunoassays with density-controlled presentation of glycan biomarkers	\$228,224
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI134877	STING Trafficking, Activation and Signaling Beyond Interferon	\$405,000
2018	LYNNTECH, INC	TX	R43AI141311	An Inhaled Clofazimine Formulation for the Treatment of Tuberculosis	\$165,180
2018	BAYLOR COLLEGE OF MEDICINE	TX	R33AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	\$519,611
2018	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI128442	The Role of Runx3 in Host Response to Influenza Virus Infection	\$206,250
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI140956	Impact of Tat-binding Cellular LncRNAs on HIV replication	\$287,250
2018	UNIVERSITY OF TEXAS, EL PASO	TX	U01AI129783	New chemotherapy regimens and biomarkers for Chagas disease	\$1,181,878
2018	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI119554	Development of novel chemical series of Candida albicans biofilm inhibitors	\$367,500
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$4,923,836
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$38,617
2018	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	\$2,542,664
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123434	Genetic Basis of Praziquantel Resistance	\$684,991
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$185,760
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$470,917

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$633,736
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	\$387,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	\$374,159
2018	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$1,033,746
2018	UNIVERSITY OF TEXAS AT DALLAS	TX	R01AI116610	Genome defense and acquired antibiotic resistance in Enterococcus faecalis and Enterococcus faecium	\$382,500
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124009	Inhibition of Bacterial and Host-Derived H2S Production for the Therapeutic Enhancement of Anti-Bacterial Host Defense	\$193,750
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$189,666
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI118736	Regulation of cell cycle transition by a cyclin-dependent kinase in trypanosomes	\$385,000
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121989	Chlamydial plasmid-dependent pathogenesis	\$477,786
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI125512	TRIM proteins polarize DNA sensing outcomes during the innate immune response to Mycobacterium tuberculosis	\$371,250
2018	BAYLOR COLLEGE OF MEDICINE	TX	U01AI124290	Decoding Antibiotic-induced Susceptibility to Clostridium difficile Infection	\$1,952,767
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$402,215
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI129883	Translational Control of Biofilm Development and Maintenance in Oral Candidiasis	\$202,499
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$444,015
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127997	Role of STAT3 in Treg during Autoimmune CNS Inflammation	\$240,000
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI130460	Dynamic learning for post-vaccine event prediction using temporal information in VAERS	\$619,389
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI130065	Mechanisms of Protection of Universal Therapeutic Antibodies to Influenza A	\$767,642
2018	TEXAS A&M AGRILIFE RESEARCH	TX	K01AI128005	Consequences of pathogen co-infection in mosquitoes on West Nile virus transmission	\$107,724
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$439,691
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	\$608,682
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI122720	Regulation and Consequences of Ets1 Downregulation in B Cells	\$524,144

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI132479	The role of the host ubiquitin system in Zika virus replication	\$232,500
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI133207	New Therapeutic Influenza Vaccine Created by Host Cell-Restricted Attenuation	\$229,500
2018	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	\$151,190
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126097	Impact of Neonatal Inflammation on Dysbiosis and Susceptibility to IBD	\$200,311
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	\$383,623
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132695	Shedding, retention and spreading of chronic waste disease prions in the environment	\$518,130
2018	PHARMA REVIEW CORPORATION	TX	R42AI117990	Lactoferrin Modulation of Granuloma Pathology	\$881,060
2018	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI131037	Development of a Multivalent Biodefense Vaccine	\$198,250
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI053067	Quorum Sensing Regulation of EHEC Virulence Genes	\$683,038
2018	BAYLOR COLLEGE OF MEDICINE	TX	R33AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$465,136
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135606	Engineered chemokines as therapeutics for bacterial infections	\$236,000
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI129198	Sequelae of Lassa Fever	\$757,470
2018	NANO3D BIOSCIENCES INC	TX	R41AI136225	Numeric Expansion of CD-19 Specific T cells in Magnetic 3D Culture	\$175,849
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI137412	Identification of essential factors contributing to vector colonization and transmission of relapsing fever spirochetes	\$378,460
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI134611	Structural Basis for Antiviral Drug Mitochondrial Toxicity	\$390,013
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R03AI136060	Electrospun Gelatin Meshes with Multifactor Release to Promote Bone Regeneration and Prevent Infection	\$78,250
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI137545	Transmission dynamics of Mycobacterium tuberculosis	\$210,650
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R03AI139651	The atomic basis of leukocyte adhesion receptor (CD11c/CD18) activation and antagonism in solution	\$76,500
2018	BAYLOR UNIVERSITY	TX	R15AI139861	The Role of the Foxo Pathway in the Control of Culex pipiens Diapause	\$346,250
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI109096	Molecular mechanism of virulence regulation in Streptococcus pyogenes	\$398,750
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI133454	N-linked Glycosylation of Matrisome and Pulmonary Fibrosis	\$208,047
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI141014	Understanding Contributions of HIV Infection and Feminizing Hormone Use to Cardiometabolic Risk Among Transgender Women	\$88,881

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2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F30AI131509	Isolation and functional characterization of stem and progenitor cells from the human parasite	\$18,685
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI137332	Mosaic Immunogens as Multivalent Alphavirus Vaccines	\$474,112
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130126	Mechanisms of Parasite Dissemination in Visceral Leishmaniasis	\$566,377
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135576	Rapid, cellphone-based POC detection of Borrelia species in field-caught ticks	\$186,585
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI137112	DNA repair pathway choice and significance in targeted genome editing of Aedes aegypti	\$425,420
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI116722	Negative regulation of C-type lectin receptor signaling in response to fungal infection	\$400,000
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$510,910
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$13,247,004
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI109711	Advancement of Treatments for Ebola and Marburg Virus Infections	\$4,496,579
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI112851	Mechanism and Evolution of Filoviral Monoclonal Affinity Reagent Sandwich Assays	\$470,814
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI114657	New Paradigm for Host and Viral Gene Regulation by MERS Coronavirus nsp1	\$454,256
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI118586	Functional cure and virus eradication by early HAART plus vaccination with live attenuated rubella virus vectors in macaque infants and neonates	\$1,255,405
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI123945	Commensal-dependent induction of protective immunity	\$195,785
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R24AI120942	World Reference Center for Emerging Viruses and Arboviruses (WRCEVA)	\$1,074,805
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123165	Mechanisms of KSHV posttranscriptional gene regulation	\$405,000
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI121180	Stem cell-derived regulatory T cells for therapeutic use in arthritis	\$734,359
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R33AI116208	Adipose Tissue is a significant reservoir for HIV	\$469,726
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI135293	Is immune system TSH-beta splice variant a causative factor in autoimmune thyroiditis?	\$231,000
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI123608	Retrograde trafficking of Shiga toxin 2	\$195,625
2018	UNIVERSITY OF TEXAS RIO GRANDE VALLEY (UTRGV), THE	TX	R01AI119131	Impact of disease associated noncoding polymorphisms on post-transcriptional gene regulation	\$365,146
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	\$396,250
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127771	TICK DETERMINANTS OF POWASSAN VIRUS TRANSMISSION	\$384,200

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2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI131497	A colonoid model for Shigella flexneri pathogenesis	\$196,885
2018	AI BIOSCIENCES INC	TX	R44AI106239	A rapid, accurate, and easy-to-use diagnostic assay for STIs	\$672,972
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI128231	High-throughput sequence analysis of vlsE recombination events in Borrelia burgdorferi	\$77,000
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127381	Redirected T Cell Therapy to Cure Invasive Fungal Infections	\$225,008
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI129505	Evaluating the Presence of Zika Virus in Neotropical Primates	\$156,500
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI127807	PROTOZOAN PURINE PHOSPHORIBOSYLTRANSFERASES AS TARGETS TO TREAT MALARIA, AFRICAN TRYPANOSOMIASIS AND CHAGAS'S DISEASE	\$1,032,586
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI130278	Immunomodulatory Effects of Heterochiral Biomaterials	\$389,487
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI112477	Reducing Readmissions and Improving Outcomes in HIV-Infected Patients	\$178,169
2018	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI134222	ANTI-HIV GENE THERAPY VECTORS	\$76,500
2018	IMMUDX LLC	TX	R43AI136357	A cloud-based system for scalable, privacy-preserving, and interactive immune repertoire analysis in vaccination and infection	\$300,000
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135682	Molecular Analysis of Serum Antibody Constituents in Zika Virus Infection	\$233,638
2018	TEXAS A & M UNIVERSITY	TX	R21AI138158	Determining genetic signatures of the cryptococcal response to Zolofit by an integrated approach combining transcriptome, translome and genetic screens	\$216,133
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K08AI135093	Role of YxdJK and DAK in the Enterococcal Envelope Stress Response	\$185,760
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI132920	Novel mechanisms of emergence of hypervirulent group A Streptococcus	\$240,000
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI137746	Tracking Marginal Zone B Cells and Their Progeny in Autoimmunity	\$243,000
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI139721	Mechanistic studies of Tissue-resident T cell maturation in the kidney	\$228,750
2018	TEXAS A & M UNIVERSITY	TX	R21AI140178	Evaluation of Novel Interferon Epsilon across Human Pregnancy	\$219,399
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI134980	Elucidating How Tri-phosphatase DUSP11 Controls HCV Infection and Hepatocyte Inflammation	\$482,028
2018	ATRAPOS THERAPEUTICS, LLC	TX	R44AI125007	Preclinical evaluation of a novel small molecule STAT inhibitor	\$1,000,000
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121012	Epac1 Plays a Critical Role in Bacterial Adhesion during Rickettsioses	\$387,500

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2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI126601	Glycoconjugate Nanoparticle Vaccines Against Burkholderia Infections	\$477,760
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$104,897
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$394,801
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123163	Candida Albicans Gastrointestinal Colonization and Dissemination	\$405,000
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$366,557
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI116914	Targeting the Toxins: A Novel Non-Antimicrobial Approach to Combat Clostridium difficile infections	\$385,000
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI128151	Lactate metabolism during Salmonella infection	\$243,000
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI125778	The Importance and Function of Heme Degrading Enzymes during Anthrax Disease	\$198,125
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	F32AI120589	Mycobacterium tuberculosis dissemination and extrapulmonary spread	\$69,586
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$446,186
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127744	Revolutionary Eilat-based Chikungunya Vaccine Vector	\$302,302
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI125434	Hydrogen Sulfide and NRF2 Cross-talk in Viral Infections	\$503,750
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI127634	Novel Inhibitors of Cruzain and Trypanosoma brucei Cathpesin B as Potential Drug Candidates for the Treatment of African Trypanosomiasis and Chagas Disease	\$189,280
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI125939	Human airway microfold cells in mucosal immunity to bacterial pathogens	\$442,464
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123176	INNATE MECHANISMS OF REGULATION OF MEMORY TH17 CELL RESPONSES	\$405,000
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	\$486,935
2018	EPICYPHER INC	TX	R41AI131840	Quantifying NETosis via Automated High Content Imaging Convolutional Neural Networks	\$299,751
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$372,554
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI130020	Defining Mechanisms for Parasite-Driven Effects on Gamma-Herpesvirus Latency	\$405,000
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI141958	Factors Affecting longterm in vitro culture of Treponema pallidum	\$457,668
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI123278	Diet driven evolution of epidemic ribotypes of Clostridium difficile	\$389,230

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2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in <i>Borrelia burgdorferi</i>	\$453,367
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI121500	Assessing the roles of biofilm structure and mechanics in pathogenic, persistent infections	\$435,474
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$356,625
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	The flavin-centric metabolic lifestyle of <i>Treponema pallidum</i>	\$439,459
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$428,539
2018	UNIVERSITY OF NORTH TEXAS	TX	R01AI128359	Sleep and Vaccine Response in Nurses (SAV-RN)	\$727,134
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$398,750
2018	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123651	Identifying molecular events occurring during the life cycle of tick-born relapsing fever spirochetes	\$68,948
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI122142	Role of Hydrogen Sulfide in Viral Infections	\$193,750
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$132,250
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI136031	Oxidative Response Networks in Chagasic Cardiomyopathy	\$486,492
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI129279	Targeting lipid metabolism for the treatment of malaria	\$65,158
2018	BAYLOR COLLEGE OF MEDICINE	TX	R33AI122418	An epigenomic approach to reactivate latent HIV	\$26,852
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI135709	Viral transcription in herpesvirus-induced necroptosis	\$228,253
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI125337	A High-Throughput Molecular Platform for Antimicrobial Discovery and Study	\$404,429
2018	LUMINOSTICS, INC.	TX	R44AI118180	A smartphone-based point-of-care test for detection of <i>Chlamydia trachomatis</i>	\$761,788
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI132682	FDA approved non-antibiotic drugs to combat multiple drug resistant microbes	\$582,832
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI134637	The LiaFSR system and antimicrobial peptide resistance in enterococci	\$658,280
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI133822	Defining Protective Responses in Hematopoietic Cells Mediated by STAT3 Anti-Inflammatory Activity	\$429,402
2018	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI140462	Digital Nanobubble Biosensor for Respiratory Syncytial Virus Detection	\$247,250
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127899	Novel Bacterial Small RNAs as Determinants of Rickettsial Virulence and Transmission	\$443,475
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI137696	Characterize essential regions in <i>C. difficile</i> toxin B for its neutralization	\$213,648
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI132985	Oral vaccine interactions in human intestinal enteroids	\$237,750
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI139261	Decoding the clinical impact of the recent evolution of metronidazole resistance on <i>Clostridium difficile</i> infection	\$647,212

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2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI116812	tRNA-derived RNA Fragments (tRFs) and their Functions in Respiratory Syncytial Virus (RSV) Infection	\$387,500
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI132246	Preclinical Development of Human Monoclonal Antibodies for Postexposure Treatment of Crimean-Congo Hemorrhagic Fever	\$1,235,927
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases	\$2,188,437
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$397,500
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$438,077
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$346,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI132798	Innate modulation of autoimmune, regulatory, and effector B cells in adipose tissue	\$381,250
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$363,750
2018	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI104960	Application of Imaging to Development of Tuberculosis Interventions	\$371,800
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$1,200,531
2018	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$0
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$456,020
2018	RICE UNIVERSITY	TX	R01AI122356	The infection mechanism of the nematode virus Orsay	\$378,416
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI123557	Multiple Effector Activities of an Autoprocessed Haemophilus ducreyi Virulence Factor	\$202,500
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125264	Orchestrating intestinal immunity through microbiota-CX3CR1+ cell interactions	\$393,910
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114511	Tryptophan derivatives in EHEC pathogenesis	\$458,512
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI127387	Regulation of Innate Dendritic Cell CTLA-4	\$396,250
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K24AI121296	POR Program on Genomic Prediction of Antimicrobial Resistance in VRE	\$170,305
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123231	Non-coding RNA and ADP-ribosylation in Antiviral Defense	\$378,820
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI133749	Genetic analysis of cercarial release in schistosomes	\$503,600
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133274	Structure and function of protective antibodies from memory B cells against malaria	\$224,970
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI128466	Discovery of antibodies against the blood stage of the malaria parasite	\$209,220

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2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI136663	Discovery of host cell candidate proteins critical to the attachment by Cryptosporidium sporozoites	\$218,269
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R61AI138328	C-type Lectin Receptor Pathways in the Pathogenesis of TB/HIV Co-infection	\$748,275
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI131034	Role of intracellular membrane signalosomes in B cell NF-kappaB activation	\$228,750
2018	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI135569	Identification of Novel Necroptosis Pathways in Human Lung Epithelial Cells	\$209,238
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI138233	Microphysiologic human organ cultures to study Nipah virus-induced lung pathology	\$236,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI138944	Graduate Research in Immunology Program (GRIP): To train graduate students for successful careers in academia, industry and government	\$110,058
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI137319	Roles of Synaptotagmin-2 in Airway Obstruction	\$240,000
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R33AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	\$596,761
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$346,500
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI122753	Systematic evaluation of B. pertussis ACT's role as a protective antigen	\$375,718
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI135061	The Germinal Center and T cell help in Three Phases of Clearance of Plasmodium	\$388,058
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121452	Trajectory of Vector-adaptive Chikungunya Virus Evolution	\$454,813
2018	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,795,077
2018	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$53,029
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$398,750
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	\$398,750
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$923,047
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$373,170
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114523	Long noncoding RNAs and their contribution to 22q11.2 deletion syndrome	\$432,410
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$757,086
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	\$432,453

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2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI125362	IMPDH inhibitors for the treatment of Cryptosporidium infections	\$756,794
2018	TEXAS TECH UNIVERSITY	TX	R33AI119782	Discovery of New Anti-amoeba Therapeutics	\$319,373
2018	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI110941	Single Cell Genomics for Malaria Parasites	\$457,500
2018	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI110577	Dynamics of Hepatitis C viral RNA-dependent RNA replication	\$453,213
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI125216	Contribution of LiaFSR to pathogenesis and carriage of group A Streptococcus	\$620,204
2018	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI123837	Mechanisms of host-specific regulation in Borrelia burgdorferi	\$220,500
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI127984	Rational Development of a Novel Attenuated Rift Valley Fever Virus Vaccine	\$193,750
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$434,290
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI130668	Translational Control of Antifungal Resistance in Candida albicans	\$228,750
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123610	Notch signaling and functional relevance during Ehrlichia chaffeensis infection	\$190,450
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI128494	Factors Affecting Treponema pallidum in vitro multiplication and gene transcription	\$192,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133589	Non-vesicular lipid transport by poxvirus A6 protein	\$183,914
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125397	Uracil DNA Glycosylases in Gammaherpesvirus Pathogenesis and B Cell Development	\$485,503
2018	BAYLOR COLLEGE OF MEDICINE	TX	R21AI133001	Next-stage Development of Heme Transporters as a Vaccine for Anthrax	\$237,750
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI122070	A Neonatal Monkey Model of Tuberculosis Vaccination	\$890,384
2018	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI129594	Targeting of Master Signaling Molecule to Restore Functions of Exhausted HIV-specific CTLs	\$199,375
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI128479	Antifungal Resistance Gene Targeting in Candida glabrata by Target Capture	\$228,750
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI138717	Discovery of inhibitors against cryptosporidial fatty acyl-CoA synthetase	\$237,125
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI135619	Modulation of nuclear protein HMGB1 by Respiratory Syncytial Virus infection	\$236,000
2018	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132354	Mechanoregulation of EHEC virulence	\$375,280
2018	TEXAS A&M AGRILIFE RESEARCH	TX	R03AI135159	Development of murine model of neuroborreliosis	\$74,250
2018	MICROGEN LLC	TX	R03AI135154	Cytometric Enumeration of EBV-Infected Cells	\$78,500
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI135599	B cells as a major source of IL-27 cytokine in antibody responses and anti-viral immunity	\$228,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI135770	Reverse Genetics To Forward The Pan-Lassa Fever Vaccine Lead Candidate ML29	\$851,962
2018	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI140287	Personalized Antimicrobial Combinations to Combat Resistance	\$678,778
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI105135	Sugar Regulation of EHEC virulence - A1	\$499,210
2018	TEXAS TECH UNIVERSITY	TX	R01AI135197	Microneedles for treatment of peanut allergy	\$718,524
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125292	Role of response regulator phosphorylation in group A streptococcal pathogenesis	\$400,000
2018	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI109294	Regulation and function of nonlymphoid organ CD103 dendritic cells	\$400,000
2018	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI121037	The Biology of Stem Cells in the Human Parasite Schistosoma Mansoni	\$405,000
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$146,658
2018	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$515,585
2018	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI133359	Mechanisms by which rickettsiae increase microvascular permeability	\$236,500
2018	UNIVERSITY OF UTAH	UT	R01AI130255	Characterizing the role of antimicrobial peptide resistance in plague transmission	\$380,834
2018	CURZA GLOBAL LLC	UT	R01AI132304	Broad spectrum antibacterials selectively targeting an un-drugged site on the ribosome	\$766,731
2018	UNIVERSITY OF UTAH	UT	R21AI139438	Shared Genetics and Histopathology of Familial Eosinophilic Esophagitis	\$190,521
2018	UNIVERSITY OF UTAH	UT	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$366,454
2018	UNIVERSITY OF UTAH	UT	K08AI116909	Noncanonical NFkB Pathway-Mediated Mechanisms of Common Variable Immunodeficiency	\$201,960
2018	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI117035	FilmArray Direct: Rapid Diagnosis of Antimicrobial-Resistant Pathogens from Blood	\$1,203,182
2018	UNIVERSITY OF UTAH	UT	T32AI138945	Cross-disciplinary Training in Immunology, Inflammation and Infectious Disease	\$90,972
2018	UNIVERSITY OF UTAH	UT	R01AI123106	Investigating the transfer of miRNAs by exosomes during inflammation	\$380,626
2018	UNIVERSITY OF UTAH	UT	R37AI051174	Biochemistry of HIV-1 Budding	\$556,172
2018	UNIVERSITY OF UTAH	UT	R21AI128720	Sub-lytic Activities of the Pore Forming Toxin Alpha-hemolysin	\$228,000
2018	UNIVERSITY OF UTAH	UT	R01AI135115	Estimating Cholera Burden with Cross-sectional Immunologic Data	\$750,105
2018	UNIVERSITY OF UTAH	UT	R01AI127724	Development of Selective Ribosomal P-site Inhibitors	\$379,792
2018	UNIVERSITY OF UTAH	UT	R21AI135918	Mechanisms of ExPEC Persistence within the Gut	\$228,500

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2018	PRECISION MEMBRANES, LLC	UT	R43AI132072	Rapid and Efficient Extraction of Bacteria from Whole Blood for Sepsis Diagnosis	\$224,925
2018	SAB CAPRA LLC	UT	R41AI131823	Production and Characterization of Human Immunoglobulin Producing Goats for Diagnostic Reagents and Therapeutics	\$225,000
2018	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$372,500
2018	UNIVERSITY OF UTAH	UT	R01AI130248	Immune modulation during infection by a secreted fungal polysaccharide	\$380,834
2018	NAVIGEN INC	UT	R43AI141129	ARF6 Inhibitor as Adjunctive Therapy for Treatment of SA Bacteremia	\$300,000
2018	UNIVERSITY OF UTAH	UT	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$567,408
2018	NAVIGEN INC	UT	R44AI098197	Preclinical development of a potent D-peptide RSV inhibitor	\$999,998
2018	UNIVERSITY OF UTAH	UT	R01AI130378	Mucosal associated invariant T (MAIT) cells in Vibrio cholerae infection and vaccination	\$358,834
2018	UNIVERSITY OF UTAH	UT	R33AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	\$408,952
2018	UNIVERSITY OF UTAH	UT	R01AI135114	Development of clinical decision tools for management of diarrhea of children in high and low resource settings	\$457,033
2018	UNIVERSITY OF UTAH	UT	R01AI137238	Epigenetic programming of T follicular helper cell differentiation	\$581,699
2018	GLYCOMIRA LLC	UT	R44AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$781,547
2018	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$293,292
2018	NAVIGEN INC	UT	R01AI127092	Depot formulation of a D-peptide HIV entry inhibitor	\$571,590
2018	UNIVERSITY OF UTAH	UT	R01AI137248	TCR-dependent activation, functional differentiation and memory formation of CD4+ T cells following infection	\$510,138
2018	UNIVERSITY OF UTAH	UT	R03AI135801	Defining the Microbiology of Sarcoidosis	\$76,166
2018	UNIVERSITY OF UTAH	UT	R01AI111495	Surface-enhanced Raman Spectroscopy Immunoassay for Detection of Category A Patho	\$610,286
2018	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$988,510
2018	NAVIGEN INC	UT	SB1AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$699,779
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130902	Optimizing Inter-Microbial Antagonisms to Control Clostridium Difficile Infection	\$186,702
2018	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$855,527
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	\$373,200

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2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI127793	Neisseria gonorrhoeae metal transporters that subvert nutritional	\$632,260
2018	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI136035	Spatial eco-epidemiology of tick-borne rickettsial pathogens	\$454,814
2018	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI130116	Anaplasma phagocytophilum modulate tick gene expression for its survival and transmission from the vector host	\$387,500
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130700	Microbiota mediated protection from amebiasis	\$241,813
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$424,741
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	K22AI125474	Mechanisms by which insect specific flaviviruses are host restricted and preclude super-infection with pathogenic flaviviruses	\$159,950
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136297	Control of Influenza Infection by Lipid Mediators and Macrophages	\$548,909
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI136421	Balancing TLR2 and IL-33 immune pathways to protect during epidemic Clostridium difficile infection	\$33,018
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI136644	Deconstructing HIV Disparities: Multistate Study of Data, Outcomes and Mediators	\$192,122
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI123338	Mechanism and application of male determination in aedine mosquitoes	\$615,261
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$396,250
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$478,244
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI136073	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$516,020
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI129678	Molecular mechanisms of the CA-SP1 switch in HIV assembly and maturation	\$451,861
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI114888	Quantitative molecular diagnostics for diarrhea etiology and vaccine efficacy	\$192,024
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$78,683
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI121284	Guy1-conferred female lethality: mechanism and application for mosquito control	\$393,867
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI114926	Role of metal transport in Streptococcus sanguinis virulence and competitiveness	\$394,733
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI131723	Modeling immunity with a hybrid lymph node tissue-chip	\$443,836
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI139673	Infections, Microbiome and HLA-DR in the Induction of Lupus Related Auto-antibodies	\$587,986
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI136386	Altered innate leukocyte programming dynamics in sepsis	\$402,500

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2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI131990	An intact Env gp140 that engages the germline B cell receptor of the VRC01 broadly neutralizing antibody	\$201,615
2018	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI133465	Tuning of innate immunity in local lung	\$189,561
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI128152	Orientia tsutsugamushi modulation of ER stress	\$186,050
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI133136	Chemo-proteomic discovery of lipases in asexual and sexual erythrocytic stages of Plasmodium falciparum	\$192,762
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI133571	Y chromosome genes in Anopheles mosquitoes	\$155,059
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI137697	Mechanisms of microbial toxin and polysaccharide secretion	\$201,615
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI135298	Improving genome assemblies for species of the Anopheles gambiae complex	\$248,056
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI136283	Characterization of a Chlamydia trachomatis inclusion membrane protein as a molecular tether mediating endoplasmic reticulum-inclusion membrane contact sites	\$32,968
2018	BLUE RIDGE BIOSCIENCES LLC	VA	R41AI141302	Targeting the host response to limit infection by intracellular bacterial pathogens	\$148,836
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI140006	Targeting a novel Hsp70 substrate binding mode for potential treatment of gonorrhea infection	\$229,365
2018	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$4,090,330
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$436,566
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$54,618
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$492,714
2018	GEORGE WASHINGTON UNIVERSITY	VA	P30AI117970	District of Columbia Center for AIDS Research (DC CFAR)	\$1,739,251
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI114136	The Role of Lysosomes and Amoebapores in Amoebic Trophocytosis and Cell Killing	\$49,524
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI110675	Role of TGF-beta signaling in the Drosophila immune response against nematode-bacteria complexes	\$223,236
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$394,235
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	\$613,296
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI119181	Role of the Pro-inflammatory MIF Homolog of Entamoeba histolytica in Colitis	\$192,024
2018	GEORGE MASON UNIVERSITY	VA	R15AI137981	Exosomes on a Chip: Real-time monitoring of intercellular communication and immune responses during infection	\$429,695

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2018	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI135222	PIC1 inhibition of myeloperoxidase activity and inflammation	\$224,625
2018	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$602,515
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$634,364
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI020565	IgE antibodies to the mammalian oligosaccharide galactose-alpha-1, 3-galactose (alpha-gal): immunology, epidemiology and relevance to allergic and inflammatory disease	\$588,085
2018	BIOTHERAPEUTICS INC	VA	R44AI134163	BT-11: A First-in-class Oral Therapeutic for Inflammatory Bowel Disease	\$299,576
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K01AI130326	Translation of epidemiologic findings in enteric disease to public health action	\$127,116
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte Fcε Receptor	\$457,264
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$157,566
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$391,873
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI118732	Ethanolamine Signaling in Virulence Gene Regulation and Host/Microbial Interactions	\$388,915
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI123596	Dietary Methyl Donors and Food Allergy Risk in the United States	\$191,992
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI128255	Molecular Basis for the Reciprocal Regulation of P. aeruginosa Virulence Factors by the Signaling Kinase RetS	\$192,762
2018	MYCOMED TECHNOLOGIES	VA	R42AI115866	Urine Diagnostics for Aspergillosis	\$840,042
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125433	ORMDL3-ceramide axis in allergic asthma	\$381,250
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI134972	Identifying novel regulatory pathways underlying T helper 1 cell immune responses	\$400,026
2018	GEORGE WASHINGTON UNIVERSITY	VA	R13AI140831	22nd Annual United States Conference on AIDS (USCA)	\$73,925
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI136671	Clinical Implications of HIV-1 Rev-Rev Response Element Functional Activity Variation	\$191,804
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U01AI133595	Endothelial Dysfunction in Radiation-induced Lung and Heart Toxicity	\$421,643
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$538,293
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$150,070
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$450,064

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2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$592,021
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI128362	Structure- and ligand-based design of new IspD-targeting antimalarials	\$185,600
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI125056	Hallmarks of Protective Immunity in Sequential Rhinovirus Infections in Humans	\$1,012,291
2018	GEORGE WASHINGTON UNIVERSITY	VA	R21AI136102	Biomaterials-Enhanced NK Cells for Improved Elimination of the HIV Reservoir	\$234,084
2018	GEORGE WASHINGTON UNIVERSITY	VA	R21AI137771	Identification and validation of mutations causing naturally occurring multi-drug resistance in hookworm	\$199,375
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI139947	Elucidating a unique bacterial strategy that protects susceptible bacteria from antibiotic killing and promotes the genetic transmission of antimicrobial resistance	\$205,298
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI138495	GGT Targeting Suppresses Mast Cell Activation by IgE and IL-33	\$371,369
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI139072	The roles of ceramide and its derivatives in A. phagocytophilum pathogenesis	\$567,072
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122743	MicroRNA regulation of Anopheles immunity to Plasmodium	\$666,671
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123433	Inhibition of MEP pathway Isoprenoid Biosynthesis	\$513,396
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI124214	Role of eosinophils in innate protection from C. difficile	\$459,353
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$656,184
2018	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI124502	Helminth induced B1 IgE is protective against allergic disease	\$61,174
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	\$496,122
2018	GEORGE WASHINGTON UNIVERSITY	VA	R33AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$452,022
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130420	Targeting Ebola virus for small molecule drug discovery	\$202,673
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI134208	Role of HIV Rev in Reactivation from Latency	\$201,250
2018	GEORGE WASHINGTON UNIVERSITY	VA	R01AI125562	The dynamics of nasal bacterial ecology and S. aureus antagonism	\$714,991
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130439	Mechanisms involved in Salmonella immune evasion	\$238,393
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI135455	Inducible and Reversible in vivo Protein Degradation (IRIP) - attempting a new approach for modulating immune responses	\$242,125
2018	GEORGE WASHINGTON UNIVERSITY	VA	R21AI135480	miR146a and CD4 dysfunction during chronic toxoplasmosis	\$199,375

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2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI125958	The role of gamma-aminobutyric acid (GABA) in the pathogenesis of Brucella	\$224,873
2018	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R37AI026649	Role of CREM in Amebic Colitis and Inflammatory Bowel Disease	\$574,085
2018	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI135258	A reference genome assembly for Zika vector Aedes albopictus	\$237,357
2018	UNIVERSITY OF VERMONT	VT	R01AI132378	Structure and function of the Plasmodium myosin XIV-actin glideosome	\$710,260
2018	UNIVERSITY OF VERMONT	VT	R21AI130807	Continuous in vitro culture and treatment of Cryptosporidium using small molecule differentiation inhibitors	\$230,372
2018	UNIVERSITY OF VERMONT	VT	R21AI137539	Role of Methylation-Controlled J protein in CD8 function and persistent viral infection of the placenta	\$234,000
2018	UNIVERSITY OF VERMONT	VT	R21AI135265	Mapping the Zika virus phosphoproteome	\$232,137
2018	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$91,860
2018	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$388,775
2018	UNIVERSITY OF VERMONT	VT	R21AI137767	Mapping the directionality of forces generated by T. gondii tachyzoites moving in 3D	\$220,062
2018	UNIVERSITY OF VERMONT	VT	R21AI128510	MAVS Aggregates Impair Cardiolipin Function and Mitochondrial Fission in SLE	\$195,000
2018	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	\$381,250
2018	UNIVERSITY OF VERMONT	VT	R21AI128595	Genome-Wide Physical Mapping of IAV-QTL in Wild-Derived Inbred Mice	\$195,000
2018	UNIVERSITY OF VERMONT	VT	R21AI135385	The Role of Glycogen Metabolism in Supporting Dendritic Cell Immune Function	\$230,382
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$458,447
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$11,597,790
2018	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$339,750
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$29,600,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI111341	Bumped Kinase Inhibitors: Novel Therapeutics for Cryptosporidiosis&Toxoplasmosis	\$1,212,837
2018	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K25AI119229	Elucidating phosphorylation signaling networks in infectious Plasmodium parasites	\$136,377
2018	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$389,875
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI120961	DEFINING THE INFANT IMMUNE RESPONSE TO HIV	\$839,137

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2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122991	Statistical methods for HIV-1 immune correlates studies	\$307,118
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI126623	Cell and Gene Therapy for HIV Cure	\$4,714,991
2018	UNIVERSITY OF WASHINGTON	WA	R21AI133169	Regulation of recombination in Mycoplasma genitalium	\$194,323
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI124770	Immune responses to HSV-2 recurrence replenish HIV tissue reservoirs during ART	\$458,882
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI134808	The Gut Microbiota and Graft versus Host Disease (GVHD)	\$823,701
2018	UNIVERSITY OF WASHINGTON	WA	R21AI132960	Characterizing the Metabolic Requirements of Recent Thymic Emigrants	\$220,000
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	F32AI136371	Development of a novel replicating viral RNA vaccine platform	\$58,654
2018	UNIVERSITY OF WASHINGTON	WA	F30AI136636	Role of antibodies in vertical transmission of HIV-1	\$38,967
2018	UNIVERSITY OF WASHINGTON	WA	R21AI137758	Signal transduction of cGAMP during innate immune responses	\$223,089
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134630	Mediators of fatty liver disease during HIV/SIV and cART treatment	\$940,578
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI132599	Endonuclease-mediated disruption of latent HSV as curative therapy	\$450,090
2018	UNIVERSITY OF WASHINGTON	WA	F31AI140836	Evaluating predictors of HIV vaccine efficacy: Statistical methods for estimation, testing, and inference	\$42,732
2018	UNIVERSITY OF WASHINGTON	WA	F32AI140557	The impact of replication-transcription conflicts on bacterial pathogenesis	\$61,174
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI026672	Translational Control of Cytomegalovirus Gene Expression	\$440,000
2018	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI114844	Viral and Host Biomarkers of Human Rhinovirus Disease Severity in Transplantation	\$183,043
2018	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$427,757
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$1,026,799
2018	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$386,980
2018	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$555,146
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$489,206
2018	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$304,057
2018	THE GENEVA FOUNDATION	WA	R01AI111516	Mammalian and Plant-derived Antibody-based Therapies against Sudan Ebolavirus	\$786,345
2018	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$189,324
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$587,287

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI113325	BCAP/PI3K regulation of innate immunity to Listeria monocytogenes	\$435,000
2018	UNIVERSITY OF WASHINGTON	WA	UM1AI120176	Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)	\$2,946,499
2018	UNIVERSITY OF WASHINGTON	WA	R13AI136764	Mombasa HIV/STD Research Site 25th Anniversary Symposium	\$30,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI118962	Antimicrobial Actions of Nitric Oxide	\$386,250
2018	UNIVERSITY OF WASHINGTON	WA	F30AI122866	Characterizing broadly neutralizing antibody responses of HIV-1-infected infants	\$37,393
2018	UNIVERSITY OF WASHINGTON	WA	R01AI123124	Regulation of S. aureus Colonization by NO.	\$375,142
2018	UNIVERSITY OF WASHINGTON	WA	R01AI125189	Qualification of Assays to Measure Human T-cell Responses Against Mycobacterial Lipid Antigens	\$467,872
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127893	High-throughput experiments to guide influenza vaccine strain selection	\$424,129
2018	UNIVERSITY OF WASHINGTON	WA	R21AI127833	The mechanisms of 4-HNE mediated host-microbe interactions	\$183,945
2018	UNIVERSITY OF WASHINGTON	WA	K23AI129659	Determining the component causes of systemic immune activation that moderate HIV acquisition and establishment of the latent viral reservoir	\$181,801
2018	UNIVERSITY OF WASHINGTON	WA	F32AI129254	RIP3 mediated restriction of neuropathogenesis during viral encephalitis	\$61,174
2018	PHAGE DIAGNOSTICS, INC.	WA	R44AI134498	Enrichment-free Salmonella detection for food safety	\$631,236
2018	UNIVERSITY OF WASHINGTON	WA	R01AI131403	VIRUS-LIKE PARTICLES WITH STABILIZED TRIMERIC ENVELOPE FOR PRIME BOOST IMMUNIZATION	\$615,347
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI125160	Immunotherapy to prevent drug-resistant tuberculosis	\$1,337,935
2018	UNIVERSITY OF WASHINGTON	WA	R21AI123690	Coformulation of bumped kinase inhibitors with Artemisinin combination therapy will stop widespread transmission of artemisinin-resistant malaria strains	\$213,389
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI127830	ER-associated degradation (ERAD) in the Brucella intracellular cycle	\$198,631
2018	PHAGE DIAGNOSTICS, INC.	WA	R44AI131952	Adaptation of an enrichment-free Listeria diagnostic to food matrices	\$478,256
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI133158	Mechanistic Studies of the Antigenic Variation System of the Lyme Disease Pathogen	\$191,250
2018	UNIVERSITY OF WASHINGTON	WA	R01AI140245	Design of Antivirals and Immunogens Targeting Paramyxoviruses	\$13,862
2018	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI138258	Can a modest change in regulation of NOD1 expression have a major impact on inflammation and gastric cancer?	\$286,426
2018	UNIVERSITY OF WASHINGTON	WA	R33AI122361	Ex Vivo Detection and Analysis of Non-inducible Latent HIV	\$526,784

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2018	UNIVERSITY OF WASHINGTON	WA	R34AI129900	Systems analysis and improvement approach to optimize the pediatric HIV diagnosis and care cascade (SAIA-PEDS)	\$190,867
2018	UNIVERSITY OF WASHINGTON	WA	R01AI123196	Innovative approaches to syphilis vaccine design	\$604,963
2018	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$435,000
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI130685	Protein kinase AEK1 as a T. brucei drug target and its potential in other trypanosomatids	\$304,862
2018	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$581,244
2018	UNIVERSITY OF WASHINGTON	WA	F30AI136326	Comprehensive antigenic mapping of seasonal influenza viruses	\$38,913
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$7,884,306
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$694,153
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$488,032
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$21,055,904
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI138709	Characterizing the broad antibody response to HIV superinfection	\$821,274
2018	UNIVERSITY OF WASHINGTON	WA	R21AI127493	Novel Therapeutics Targeting Giardia Kinases	\$232,998
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$1,800,250
2018	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$574,865
2018	UNIVERSITY OF WASHINGTON	WA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$189,362
2018	UNIVERSITY OF WASHINGTON	WA	R01AI111780	Mechanisms of Protective Local Immunity in Human Female Reproductive Tract	\$315,885
2018	UNIVERSITY OF WASHINGTON	WA	K01AI110313	CTL mechanisms underlying effects of HLA-A*2301 and B*5301 on HIV-1 set-point	\$128,250
2018	UNIVERSITY OF WASHINGTON	WA	R01AI116292	Systems and carcinogenic impact assessment of topical microbicides on human mucosa	\$704,136
2018	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI116908	The role of mycobacterial efflux pumps in virulence and antibiotic tolerance	\$176,644
2018	UNIVERSITY OF WASHINGTON	WA	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$187,312
2018	UNIVERSITY OF WASHINGTON	WA	R01AI112640	Typhoid Pathogenesis and Immunity	\$472,348
2018	UNIVERSITY OF WASHINGTON	WA	R21AI125777	Non-tuberculous Mycobacteria & Heterologous Immunity	\$285,935
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI129548	Regulation of pathogenic T cells in EAE	\$428,750

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2018	PAI LIFE SCIENCES INC	WA	R44AI103983	A Vaccine for Schistosomiasis, "SchistoShield"	\$1,288,089
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$482,505
2018	UNIVERSITY OF WASHINGTON	WA	K23AI120793	Impact of maternal HIV on Mycobacterium tuberculosis infection among peripartum women and their infants	\$184,588
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI125356	Molecular and Cellular Dissection of Campylobacter Jejuni Effector Protein Function	\$383,029
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124693	Control of CD8+ T cell activation and differentiation by the signaling adaptor BCAP	\$505,393
2018	UNIVERSITY OF WASHINGTON	WA	R01AI128782	Mucosal mechanisms of altered HIV susceptibility in adolescents	\$250,204
2018	UNIVERSITY OF WASHINGTON	WA	K24AI130263	Immunopathology of Indirect Airway Hyperresponsiveness in Asthma	\$129,206
2018	UNIVERSITY OF WASHINGTON	WA	R01AI119675	Conformational dynamics of adhesive bonds	\$595,166
2018	UNIVERSITY OF WASHINGTON	WA	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$419,535
2018	UNIVERSITY OF WASHINGTON	WA	R33AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$487,360
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133976	Role of the hyaluronidase in GBS Virulence	\$904,628
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R33AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$519,850
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133885	Role of IL-15 and IL-23 in colitis	\$470,750
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI132774	Mechanisms of IL-6 mediated T cell pathogenesis in autoimmunity	\$1,214,057
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI120714	Mucosal microbiome and vaccine responses in HIV-exposed African infants	\$425,409
2018	UNIVERSITY OF WASHINGTON	WA	R21AI123501	Mechanism-based targeting of bacterial topoisomerases	\$243,323
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI137815	Structural Analysis and inhibitor optimization of Cryptosporidium n-myristoyltransferase for drug discovery	\$282,210
2018	UNIVERSITY OF WASHINGTON	WA	R21AI135447	Probing human leukocytes to target inflammatory macrophage proliferation in chronic inflammation	\$232,813
2018	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI133335	Novel peptide based biomarkers for Lyme disease diagnostics	\$293,521
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI135381	Diversity and modularity of innate immune responses to H. pylori	\$264,000
2018	UNIVERSITY OF WASHINGTON	WA	R61AI140460	HIV-specific target capture and quantitative isothermal amplification for acute HIV diagnosis and treatment monitoring	\$466,500
2018	UNIVERSITY OF WASHINGTON	WA	R01AI141391	Adaptive Liver Tolerance via LSECs	\$388,750
2018	UNIVERSITY OF WASHINGTON	WA	R01AI126785	Functional genomics for Chlamydia	\$726,223
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$621,477

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2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134419	Defining HIV reservoirs that rebound following suspension of ART	\$750,560
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI138067	Investigating the role of hemophagocytic macrophages in malaria	\$248,550
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$959,517
2018	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$3,871,269
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI065545	Chlamydial invasion of non-phagocytic cells	\$381,679
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$480,737
2018	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$440,887
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$453,349
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108839	Induction and signature of pathogenic T cells in allergy	\$425,455
2018	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$3,135,008
2018	UNIVERSITY OF WASHINGTON	WA	K23AI113185	Characterizing Extragenital Gonorrhea and Chlamydia: Natural History & HIV Impact	\$188,244
2018	UNIVERSITY OF WASHINGTON	WA	R01AI127232	Combined phylogenetic and epidemiological analysis to identify HIV transmission sources in Seattle WA	\$485,689
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI117016	Regulation of Yersinia pestis flea-borne transmission	\$446,402
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	\$490,000
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	T32AI118690	Training Program in Infectious Diseases in the Immunocompromised Host	\$314,400
2018	UNIVERSITY OF WASHINGTON	WA	R01AI118803	The Development and Function of Plasmodium-specific memory B cells	\$597,703
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI131171	Adjuvanting Vaccine-induced CD8 T Cell Memory Quality Using Regulatory T Cells	\$283,682
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI129992	Effectors of Brucella intracellular replication	\$448,172
2018	UNIVERSITY OF WASHINGTON	WA	R01AI114630	Innate Immune Response to Hepatocyte Death	\$521,263
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI131914	Identification of Novel Mucosal Immune Mechanisms Involved in Protection from HIV-1	\$696,662
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI132634	High content screening of Mycobacterium tuberculosis	\$631,092
2018	UNIVERSITY OF WASHINGTON	WA	R21AI132355	Anti-infective Biomaterials that Enhance Innate Immunity	\$219,488
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI123818	Mechanisms underlying TACI-dependent activation of immature transitional B cells in BAFF-driven humoral autoimmunity	\$235,375

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2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI127726	Regulation of cutaneous immunity and tissue-repair by a specialized population of CD4+ T cells	\$485,684
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	\$827,455
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	\$3,612,157
2018	UNIVERSITY OF WASHINGTON	WA	R21AI129303	Mechanisms of sexual Zika virus transmission and early immunopathogenesis	\$194,010
2018	UNIVERSITY OF WASHINGTON	WA	R21AI129935	Vitamin D and Natural History of Human Papillomavirus (HPV) Infections in Women	\$194,375
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI128792	Mucosal injury from sexual practices: Behaviour and biology of South African adolescents	\$483,323
2018	UNIVERSITY OF WASHINGTON	WA	R21AI129712	DMPA use and vaginal bacterial diversity among African women	\$199,726
2018	UNIVERSITY OF WASHINGTON	WA	R01AI136468	Impact of versican deficiency on the innate immune response to influenza virus	\$614,597
2018	UNIVERSITY OF WASHINGTON	WA	R01AI136648	A Rapid Point-of-Care Test to Improve ART and PrEP Adherence	\$800,701
2018	VIRTICI LLC	WA	R44AI125165	A Novel Tolerance Therapeutic for Treating Multiple Sclerosis	\$990,104
2018	UNIVERSITY OF WASHINGTON	WA	R01AI134713	The Roles of Lymphoid Tissue Microenvironments in Guiding the Immune Response	\$484,220
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI132808	BCAP control of lupus pathogenesis via plasmacytoid DC type I IFN production	\$425,000
2018	UNIVERSITY OF WASHINGTON	WA	R61AI138272	Epigenetic & Post-Translational Mechanisms of Macrophage Resistance to Mycobacterium tuberculosis During HIV Co-Infection	\$1,077,894
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI139844	Genetic Determinants of Arthropod Host Adaptation by the Lyme Disease Spirochete	\$184,256
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI137571	Serine hydrolase regulators of Mycobacterium tuberculosis non-replicating states	\$294,000
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI139716	B cell-intrinsic roles for STAT1 gain-of-function mutations in humoral autoimmunity	\$94,150
2018	VIRTICI LLC	WA	R44AI138680	A Novel Tolerance Therapeutic for Treating Graves' Disease	\$299,840
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134956	Molecular Determinants of Sporozoite / Host Cell Interactions	\$503,500
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI130072	Genetic Regulation of Developmental Transitions in Chlamydia	\$570,697
2018	UNIVERSITY OF WASHINGTON	WA	R01AI136979	Contribution of altered lipid metabolism to resistance to cell envelope-targeting antimicrobials in MRSA	\$463,818
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI129360	The role of Esx-3 in mediating drug resistance	\$435,250

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2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI141707	Prospectively characterizing the functional and antigenic effects of mutations to viral entry proteins	\$377,862
2018	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI135072	The Effect of Maternal Cells on Infant Immunity	\$170,725
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133388	A chemical proteomics survey of Plasmodium gametocyte development	\$324,467
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121129	Immunoprotective Properties of Tissue-resident Memory T Cells in Mice and Humans within Mucosal Sites	\$820,522
2018	UNIVERSITY OF WASHINGTON	WA	K01AI116298	Optimizing repeat HIV testing during pregnancy and postpartum for PMTCT	\$126,387
2018	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$219,837
2018	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,330,491
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$375,233
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$1,310,445
2018	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$734,209
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130798	Human Alveolar Macrophage Interactions with Francisella tularensis	\$260,614
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI130645	Vacuole lysis by type III translocator proteins	\$222,770
2018	UNIVERSITY OF WASHINGTON	WA	K23AI120761	HIV, malnutrition, and food insecurity in Senegal: A longitudinal study to identify high impact interventions	\$186,318
2018	UNIVERSITY OF WASHINGTON	WA	R01AI129673	Approaches to Improve the Efficacy of Prime-boost Immunization against HIV/AIDS	\$875,225
2018	UNIVERSITY OF WASHINGTON	WA	R01AI106893	Chlamydia virulence: exploitation of host N-glycosylation	\$386,250
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114699	Innate immune responses to malaria liver stage infection	\$544,847
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI128103	Identifying host genetic determinants of Coxiella burnetii pathogenesis	\$191,250
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$510,000
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI136475	Targeting the IL-2/regulatory T cell axis for autoimmune disease prevention in realistic animal models	\$679,264
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI138774	Discovery of Marine Natural Products Effective against the AIDS associated pathogen Cryptosporidium	\$240,387
2018	UNIVERSITY OF WASHINGTON	WA	R01AI132595	The Role of the RIP Kinases in Coordinating Neuroinflammation and Host Defense	\$440,000
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI135976	Omics for TB: Response to Infection and Treatment	\$3,699,649
2018	ORLANCE INC	WA	R43AI140784	Design and Optimization of Clinical Gene Gun for Delivery of Nucleic Acid Vaccines	\$300,000

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2018	UNIVERSITY OF WASHINGTON	WA	R21AI139740	Modeling the generation and function of atypical memory B cells in Plasmodium infection	\$264,000
2018	UNIVERSITY OF WASHINGTON	WA	R21AI131269	Role of IRE1 Alpha in Zika Virus Infection	\$194,323
2018	PHASE GENOMICS INC	WA	R44AI122654	Deconvolution and Assembly of Metagenomes Using Chromatin Conformation Capture	\$750,250
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI140900	CRISPR-assisted provirus tagging in vitro	\$235,254
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI139344	Using Legionella-amoeba co-evolution to reveal new modes of immunity and pathogenesis	\$108,648
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI140953	Methods for Complex Longitudinal Data in HIV/AIDS Prevention Research	\$656,926
2018	UNIVERSITY OF WASHINGTON	WA	R03AI140922	Preventing, detecting, and treating incident maternal HIV infection for PMTCT	\$75,253
2018	UNIVERSITY OF WASHINGTON	WA	F32AI140511	Cryptococcal antigen screening for the prevention of cryptococcal meningitis in the HIV "treat-and-treat" era: A prospective cohort and semi-quantitative lateral flow assay validation study	\$74,086
2018	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$490,036
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI139772	TICK-PATHOGEN INTERFACE: INVESTIGATING CROSSTALK BETWEEN STRESS RESPONSES AND IMMUNITY	\$229,500
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI135817	Allergen T cell epitopes and phenotypes in peanut allergy and immunotherapy	\$1,016,640
2018	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$327,714
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI082870	Francisella tularensis Pathogenesis	\$412,178
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121259	Statistical Methods for Adherence Issues in HIV Prevention Research	\$613,612
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$55,377,361
2018	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$698,131
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI112619	Role of an ornithine rhamnolipid pigment in GBS virulence	\$475,712
2018	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$752,056
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108626	The differentiation and function of CD4+ Th2 cells during allergen-induced asthma	\$435,000
2018	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$8,500
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI135953	Targeting a Novel Hematopoietic Stem Cell Population in Non-Human Primates for Effective and Sustained Gene Therapy	\$909,598
2018	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$194,891
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130797	B. pseudomallei infection of the human lung	\$226,519

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2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI123135	Multiplexed immuno-SRM screening for primary immunodeficiencies	\$908,996
2018	UNIVERSITY OF WASHINGTON	WA	R01AI125026	Role of proviral loci in HIV latency	\$830,592
2018	WASHINGTON STATE UNIVERSITY	WA	R21AI124144	Dynamics of Campylobacter jejuni and host responses in the porcine intestinal-loop infection model	\$185,324
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI124132	Development of a Chikungunya Vaccine Candidate	\$285,720
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130361	Discovery of Chlamydia-host interactions	\$229,876
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI126703	The role of vitamin D receptor signaling in T cells during Mycobacterium tuberculosis infection	\$60,174
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R03AI131223	Multigene knockdown in Mycobacterium tuberculosis by repurposing the endogenous type III CRISPR system	\$98,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI044257	Role of B cell activating factor (BAFF) in B cell responses and autoimmunity	\$505,985
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$882,051
2018	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$386,250
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI119133	Human Herpesvirus 6 in Lower Respiratory Tract Disease and Chromosomal Integration after Hematopoietic Cell Transplantation	\$190,557
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI129192	Generating tolerance to antibody-based drugs	\$212,500
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133369	A systems genetics approach to determine factors regulating Plasmodium falciparum sporozoite infectivity	\$245,000
2018	UNIVERSITY OF WASHINGTON	WA	R21AI133171	Cellular GWAS of the host-pathogen interaction in melioidosis	\$194,271
2018	UNIVERSITY OF WASHINGTON	WA	R01AI124968	Impact of a novel screening program to detect acute and prevalent HIV infection and reduce HIV transmission	\$576,362
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI129751	Finding New Strategies for Achieving the UNAIDS 90-90-90 Targets: Cost-Effectiveness of a "Test and Treat" Intervention in Peru	\$76,487
2018	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI135673	Engineering sustainable squalene analogues for novel vaccine adjuvant emulsions	\$806,401
2018	UNIVERSITY OF WASHINGTON	WA	K24AI137310	Pulmonary Innate Immunity & Resistance to Mycobacterium Tuberculosis Infection	\$180,525
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R03AI137599	Phosphotyrosine Recognition in Bacteria	\$98,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI136921	TOLLIP Deficiency, Immune Dysregulation, and Tuberculosis Susceptibility	\$469,000
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI134878	Harnessing Tissue Resident Memory T Cells for Immunotherapy of Herpes Virus Infections	\$686,493
2018	UNIVERSITY OF WASHINGTON	WA	R21AI138618	Assessing Mother and Infant Antiretroviral Exposure Using Hair Measures	\$301,430
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI134766	Epithelial intrinsic inflammasomes direct host defense against gut microbes	\$452,362

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2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI140626	Role of Dock8 in Mucosal Immunity	\$548,230
2018	UNIVERSITY OF WASHINGTON	WA	R21AI127981	Immunogenic and adherence epitopes of the MgpB adhesin of Mycoplasma genitalium	\$243,461
2018	THE GENEVA FOUNDATION	WA	R01AI132313	Advancing a Candidate Polyclonal Antibody Therapy for Hantavirus Disease	\$1,055,169
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130655	SUMOylation and the type I interferon response	\$264,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI127463	Mechanisms of hepatic innate immune activation by HCV	\$613,337
2018	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$979,879
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$789,642
2018	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$712,337
2018	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$420,970
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$368,492
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$523,059
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$35,486,174
2018	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$244,368
2018	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$717,110
2018	UNIVERSITY OF WASHINGTON	WA	R01AI118916	The Host Response to Hepatitis C Virus	\$507,805
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI119159	Low pH-mediated HSV fusion and entry	\$377,500
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI125378	Epithelial control of responses to allergen challenge and viral exacerbation	\$1,588,836
2018	UNIVERSITY OF WASHINGTON	WA	R01AI125498	Delivering PrEP in Pregnancy	\$630,386
2018	UNIVERSITY OF WASHINGTON	WA	R01AI120765	Improving Diagnosis, Treatment & Detection of Drug Resistance in HIV-2 Infection	\$721,973
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130281	Targeting Zika Virus Infection with Chloroquine and Related Drugs	\$194,375
2018	UNIVERSITY OF WASHINGTON	WA	R01AI134130	Implementing Assisted Partner Services to HIV Test and Treat Men in Western Kenya	\$715,860
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI123323	Inflammation-driven T Cell Responses and their Dichotomous Effect on Host Immunity	\$538,542
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124220	IL-33 and food allergy	\$566,296
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121242	TCR-like antibodies for HPV-induced cancer basic research and theranostics	\$429,120
2018	UNIVERSITY OF WASHINGTON	WA	R01AI132356	The role of redox sensing in Listeria monocytogenes pathogenesis	\$364,185

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2018	UNIVERSITY OF WASHINGTON	WA	R01AI134729	Engineered Antimicrobial Platform to Target Pulmonary Intracellular Infections	\$493,126
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130686	CMV as a cause or co-pathogen in cervicitis	\$232,875
2018	UNIVERSITY OF WASHINGTON	WA	R21AI136645	A pharmacokinetic evaluation of new first-line antiretroviral therapy regimens and contraceptive implants among HIV-positive women in Kenya	\$191,318
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI135680	Exosome-based biomarkers of persistent vivax malaria liver infection	\$252,000
2018	UNIVERSITY OF WASHINGTON	WA	R21AI130940	Mice lack a novel innate immune response to intracellular DNA	\$264,000
2018	UNIVERSITY OF WASHINGTON	WA	R21AI132994	Resistance Selection Potential of the Long Acting Lipoglycopeptides Dalbavancin and Oritavancin	\$233,125
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI135155	Cellular RNA binding and regulation by NFX1-123 and its perturbation by high risk human papillomavirus E6	\$282,450
2018	LUMEN BIOSCIENCE, INC.	WA	R41AI138623	Development of a Spirulina-based oral malaria vaccine	\$299,904
2018	UNIVERSITY OF WASHINGTON	WA	R03AI140183	A Prospective Cohort Study to Determine Optimal Timing of Test of Cure for Pharyngeal Gonorrhea with NAAT	\$77,729
2018	UNIVERSITY OF WASHINGTON	WA	R01AI134293	Identification of drug-targetable IFN-stimulated genes mediating immune activation during ART-treated HIV-1 infection	\$646,002
2018	UNIVERSITY OF WASHINGTON	WA	R01AI127422	Mechanisms of antibiotic resistance development in bacterial pathogens	\$388,750
2018	UNIVERSITY OF WASHINGTON	WA	R01AI137111	Integrated Multi-omics of Melioidosis	\$750,994
2018	UNIVERSITY OF WASHINGTON	WA	R03AI137626	Improving sanitation through effective malodor control and inactivation of human noroviruses	\$77,708
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$717,187
2018	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$457,379
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$574,313
2018	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$170,359
2018	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,342,516
2018	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI112323	A FOXP3 complex that controls human regulatory T cell function	\$424,500
2018	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI128699	Functional analysis of an essential Trypanosoma brucei protein kinase	\$294,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	\$731,160
2018	WASHINGTON STATE UNIVERSITY	WA	R01AI108704	Study of Immune Avoidance During the Enzootic Cycle of the Lyme Disease Pathogen	\$253,952
2018	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$853,171

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2018	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	\$440,803
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$957,836
2018	UNIVERSITY OF WASHINGTON	WA	R01AI110708	Rac: a critical regulator of the cytoskeleton and membrane trafficking in Giardia	\$386,250
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI118500	Engineering T-cells with optimized anti-HIV chimeric antigen receptors and CCR5 disruption as a strategy to target HIV-infected cells	\$465,552
2018	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI128215	A systems analysis of drug tolerance in Mycobacterium tuberculosis	\$912,707
2018	IDGENOMICS INC	WA	R42AI116114	Clonotyping Technology for Prediction of Antibiotic Resistance	\$965,469
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122912	Identification and Analysis of HIV-specific Naive B cells in HIV-unexposed Individuals	\$516,660
2018	UNIVERSITY OF WASHINGTON	WA	F32AI115935	Defining the role of IRF5 in immunity against West Nile virus infection	\$63,034
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI126441	Engineered CTLA4-targeted agonists as therapeutic immunomodulators	\$264,000
2018	UNIVERSITY OF WASHINGTON	WA	R01AI129715	Evaluating the relationship of CD101 and UBE2V1 to genital mucosal inflammation	\$668,656
2018	UNIVERSITY OF WASHINGTON	WA	R21AI135437	Functional diversity of zinc finger antiviral protein isoforms during viral infection	\$264,000
2018	WASHINGTON STATE UNIVERSITY	WA	F31AI136295	The molecular basis for integration of the Chlamydial responses to iron and tryptophan limitation	\$37,256
2018	UNIVERSITY OF WASHINGTON	WA	R21AI137956	Post-transcriptional regulatory modules: a novel host-pathogen interface that determines outcomes of viral infection	\$264,000
2018	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI136572	Effector Function of Regulatory T Cells in EAE	\$282,450
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI136946	Mechanisms and consequence of helical shape generation in Helicobacter pylori	\$475,685
2018	UNIVERSITY OF WASHINGTON	WA	K08AI130266	Class 1 Histone Deacetylases Regulate Innate Immune Resistance to Mycobacterium tuberculosis Infection	\$189,324
2018	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$569,626
2018	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127100	Role of the microbiome in HIV vaccine induced heterogeneity	\$848,148
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$382,908
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$560,484
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$454,967
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110617	The Role of Complement Inhibition in Expanded Criteria Kidney Transplantation	\$996,894

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2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI129308	Nonhuman Primate Model to Assess Fetal Zika Virus Infection Complications	\$183,300
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$1,860,947
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F30AI131449	Elucidating the mechanism of UL138 mediated suppression of lytic phase genes during human cytomegalovirus latency.	\$34,788
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI108255	Lysine Acetylation in N. gonorrhoeae Quorum Sensing and Biofilm Formation	\$805,596
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$330,545
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	\$3,097,773
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI108727	Mechanisms of Candida Biofilm Immune Evasion	\$192,024
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI125821	(Re)generating new drug leads for schistosomiasis	\$212,379
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI137606	Phenotypes of Adaptive Mutations for Zika Virus	\$191,250
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI139180	Evading innate immunity during human cytomegalovirus latency	\$355,828
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI133594	Mechanism of radiation induced endovascular injury and mitigation via the Notch-Dll4 pathway	\$538,701
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$367,362
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$280,975
2018	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$25,000
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI119140	Natural vs. Pathogenic Th17 responses to col Va1, Ka1 tubulin and vimentin	\$376,140
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	\$210,314
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI126900	Identification of Host Factors Required for the Cytolytic Activity of Hemolysin from Uropathogenic Escherichia coli	\$63,034
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI132720	Fungal and Host Factors in Initiation of Cryptococcal Persistence	\$200,880
2018	SALUS DISCOVERY LLC	WI	R43AI136484	Development of a cell based assay to assess antigen specific tolerance	\$225,000
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI138647	Assessing the impact of acquired immunodeficiency on congenital Zika virus	\$768,565
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI134660	Intrinsic cephalosporin resistance in enterococci	\$385,000
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI137070	Identification and Characterization of Genes Required for Listeria monocytogenes Cytosolic Survival	\$591,036

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2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI130542	Analysis of PASTA kinase function in Enterococcus faecalis	\$242,413
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$478,404
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$382,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$13,068,741
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI116382	GBV-C-mediated protection from AIDS in humans and GBV-C/SIV co-infected macaques	\$715,879
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$446,280
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125271	Regulation of the influenza virus polymerase	\$379,320
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI125231	University of Wisconsin Transplant Reseach Training Program	\$270,491
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123758	Hybrid histidine kinase: a drug target and path to anti-fungal drug development	\$223,140
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$344,250
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI132927	Genes of unknown function impacting antimicrobial resistance in enterococci	\$192,500
2018	Flugen, Inc.	WI	R44AI109925	Development of a novel highly effective influenza vaccine	\$834,285
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI141090	Immunogenicity of A Novel Live Attenuated Tuberculosis Vaccine	\$215,190
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K01AI132741	Estimating childhood infectious disease outbreak risk in the context of heterogeneous vaccine coverage	\$100,114
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121217	Identification of protective Lyme disease antigens using live attenuated vaccines	\$378,250
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$179,863
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI120655	Targeting CCL28 as therapy for obstructive lung disease	\$385,000
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118799	Functional Analyses of Borrelia burgdorferi Adhesins	\$656,503
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125390	Proteomics of eosinophil activation	\$376,140
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132627	Mechanisms and use of penicillin-binding protein inhibition to optimize cationic peptide anti-MRSA treatment	\$469,355
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$1,461,858
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI130411	Lung epithelial cell regulation of immunity to inhaled fungi	\$470,116
2018	VERSITI WISCONSIN, INC.	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$476,030

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2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$568,462
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M. tuberculosis evolution	\$374,020
2018	SCARAB GENOMICS LLC	WI	R44AI129149	Increasing available choices for conjugate vaccine technology by producing carrier proteins in Scarab Genomics? reduced genome E. coli strains	\$706,927
2018	Flugen, Inc.	WI	R42AI120269	Restimulating memory T cell responses in elderly by a novel, live influenza vaccine	\$1,087,654
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI123745	Function and mechanism of U21 in the Roseoloviruses	\$192,500
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI128219	Role of a cell wall assembly factor in enterococcal antimicrobial resistance	\$192,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132563	Previous exposure to dengue as a risk factor for Zika during pregnancy	\$698,434
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI138918	Chemical biology strategies for delineating the role of inter-species cell-cell communication in bacterial co-infections with Pseudomonas aeruginosa and the Burkholderia cepacia complex	\$59,038
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI134749	Microscale models of inflammation and its resolution	\$752,278
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI137409	Germination and Pathogenesis of Cryptococcus Spores	\$336,125
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K22AI137122	CRISPR-based Functional Genomics in Pathogenic Bacteria	\$162,000
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$384,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	\$287,914
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$677,604
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118389	Vaccines Against Botulism	\$585,553
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125392	Mechanisms of influenza transmission bottlenecks: impact on viral evolution	\$834,220
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI125334	Role of the retinoic acid pathway during graft-versus-host disease	\$385,935
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI130642	A pharmacological screen for 'inactivating antagonists' at an essential parasite G protein coupled receptor	\$360,353
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$646,335
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI131267	Macrophage Redox State in Sterilizing and Injurious Inflammation	\$562,242
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI131418	Functional analysis of Zika virus induced birth defects	\$191,250
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035681	Molecular pathogenesis of Blastomycosis	\$543,035

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2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI136014	Immune response to Zika infection at the primate maternal-fetal interface	\$229,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI135745	Materials that Block Quorum Sensing and Attenuate Bacterial Infection in Skin Wounds	\$223,140
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI130089	Transcriptional Control of Human Cytomegalovirus Latency	\$369,780
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132519	Pathways of vertical Zika virus transmission in nonhuman primate pregnancy	\$769,551
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$391,169
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$280,284
2018	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$376,299
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI121135	Fcgamma receptor-mediated suppression of immunodeficiency virus replication	\$765,191
2018	VERSITI WISCONSIN, INC.	WI	R01AI125741	The Cellular and Transcriptional Control of CD8 T Cell Functional Adaptation to Chronic Viruses	\$417,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K22AI125473	Uncovering new mechanisms of nematode anthelmintic resistance	\$108,000
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI131454	Zika virus evolutionary dynamics in host adaptation	\$0
2018	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI132414	Cytomegalovirus manipulation of functional cortical tissue development	\$385,000
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	P01AI132132	Zika virus pathophysiology during pregnancy	\$2,100,487
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI136500	Mechanisms of iNKT cell anti-viral adjuvancy	\$382,500
2018	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI125053	Fecal Microbiota Transplant for C. difficile Infection in Solid Organ Transplant Recipients	\$1,126,433
2018	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI118789	Functional differentiation of tsetse species microbiota	\$266,202
2018	UNIVERSITY OF WYOMING	WY	R21AI135683	Interplay between c-di-GMP signaling, metabolism and virulence in Listeria monocytogenes	\$210,520
2018	UNIVERSITY OF WYOMING	WY	R01AI124804	Impact of Fc N-glycan structure on HIV-specific antibody functions	\$739,443
2017	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$0
2017	UNIVERSITY OF ALBERTA		R21AI128598	Role of Siglec-10/G as a tumor suppressor in B-cells	\$114,480
2017	Academisch Ziekenhuis Leiden		R21AI127133	In depth characterization of Mtb specific HLA-E restricted human CD8+ T-cells	\$0
2017	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$0
2017	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$0
2017	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$69,969
2017	QUEEN'S UNIVERSITY KINGSTON		R21AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	-\$53,938
2017	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		F32AI120789	The Role of Follicular Dendritic Cells in Maintenance of Persistent HIV	-\$4,425
2017	BANARAS HINDU UNIVERSITY		U19AI074321	Visceral Leishmaniasis in Bihar State, India	\$17
2017	TATA INSTITUTE OF FUNDAMENTAL RESEARCH		R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$280,247
2017	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$72,656
2017	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	-\$317,788
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$28,623
2017	MAHIDOL UNIVERSITY		R21AI120816	Bangkok Online Testing on MSM	\$0
2017	SOUTHAMPTON UNIVERSITY		R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$0
2017	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$133,506
2017	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	\$0
2017	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$22,977
2017	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI116985	MicroRNA regulation of airway remodeling and repair in asthma	-\$169,863
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	\$73,936
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI120500	Commensal-dependent maturation of the natural IgM repertoire	-\$25,943
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI127182	Immunometabolism of M. tuberculosis/HIV co-infection	-\$9,940
2017	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Ninth Biennial Meeting of the Chlamydia Basic Research Society	\$0

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2017	UNIVERSITY OF ARIZONA	AZ	R21AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R13AI131594	Twenty Ninth Fungal Genetics Conference	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R21AI132353	Cationic Bolaamphiphiles (CAB) and Phosphorothioate Gappers as Antisense Therapy for C. difficile	\$121,832
2017	UNIVERSITY OF ARIZONA	AZ	R33AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$9,716
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	-\$1
2017	La Jolla Institute For Immunology	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$0
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$359,449
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122064	Proteomics Analysis of Host-Pathogen Interactions in Histoplasma	\$0
2017	TOURO UNIVERSITY	CA	R21AI122847	Mechanism of indole compounds as HIV fusion inhibitors	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$262,670
2017	GIGAGEN INC	CA	R44AI124901	Recombinant Hyperimmune Gammaglobulin for Primary Immunodeficiency	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	-\$113,763
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$147,539
2017	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$18,795
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$0
2017	La Jolla Institute For Immunology	CA	R01AI103021	Control of Airway Tolerance	\$0
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117878	Using Allosteric Inhibition as a Means to Ablate Botulinum Neurotoxin Protease	\$0
2017	La Jolla Institute For Immunology	CA	R21AI122258	Deubiquitination in Immune Regulation	\$0
2017	VIROGENICS INC	CA	R42AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$0
2017	PLANET BIOTECHNOLOGY INC	CA	R43AI122551	A mucosally targeted MERS-CoV vaccine produced in plants	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI121779	Modeling granuloma formation using engineered microcapsules	\$0
2017	La Jolla Institute For Immunology	CA	R01AI123738	Cytokine regulation of T follicular helper (Tfh) cell biology	-\$358,265

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2017	HHV-6 FOUNDATION	CA	R13AI131614	Support for International Conference on HHV-6 and 7	\$0
2017	SERIMMUNE INC.	CA	R43AI129113	Digital serology for parallel parasitic disease detection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	-\$7,049
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$34,342
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$0
2017	La Jolla Institute For Immunology	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	-\$1
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI112016	Topical Microbicides: Targeted Intracellular Delivery	\$0
2017	BUCK INSTITUTE FOR RESEARCH ON AGING	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$129
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114625	Development of siderophore-based vaccines against non-typhoidal Salmonella infection	\$258,094
2017	La Jolla Institute For Immunology	CA	R21AI123134	Novel PTPRD interaction Controlling T cell Responsiveness	\$0
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI123937	Developing reciprocal chromosomal translocations for wild population replacement in an important vector of human disease.	-\$203,777
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121928	The new chemokine CCL28 and its role during Salmonella infection	\$112,363
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109059	The function of CRAC channels in airway inflammation	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI132869	RNA-Binding Proteins in the control of B-Cell Development	\$1,146
2017	PLANET BIOTECHNOLOGY INC	CA	R41AI129106	A novel anti-gonorrhea immunotherapeutic	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$0
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$0
2017	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$245,315
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI047818	Biosynthesis of Marine Polyketide Antibiotics	-\$269,130
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$0
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	-\$621,566

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2017	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R03AI123877	Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage	-\$75,146
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI112816	Role of mechanosensation in P. aeruginosa virulence and colonization	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI119017	Consequences of IFIT Gene Evolution on Species-Specific Antiviral Immunity	\$0
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	U01AI115715	Mucosal and Systemic Immune Responses to Influenza Virus	-\$3,974
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R33AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$111,101
2017	STANFORD UNIVERSITY	CA	R21AI133370	Biofilms and Bacteriophages in Chronic Wound Infections	-\$2,121
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$1,326,622
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI128598	Role of Siglec-10/G as a tumor suppressor in B-cells	-\$205,110
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$115,888
2017	STANFORD UNIVERSITY	CA	R56AI127455	Development of non-antibiotic therapeutics for Clostridium difficile infection (CDI)	\$0
2017	TRELLIS BIOSCIENCE LLC	CA	R44AI122360	Therapeutic Antibody for RSV IIB	\$0
2017	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	-\$25,249
2017	STANFORD UNIVERSITY	CA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$464,054
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	-\$16,173
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	-\$2,986
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	-\$374,993
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$0
2017	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$0
2017	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	-\$363,600
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$699,209
2017	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI100376	Developing small molecule inhibitors of TLR8 for treatment of rheumatoid arthritis	-\$327,369
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121928	The new chemokine CCL28 and its role during Salmonella infection	-\$112,231
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI126611	Delaney AIDS Research Enterprise to Cure HIV	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$0

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2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	-\$246,492
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI114625	Development of siderophore-based vaccines against non-typhoidal Salmonella infection	-\$233,115
2017	SILVER LAKE RESEARCH CORPORATION	CA	R42AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$0
2017	PHASE DIAGNOSTICS INC	CA	R44AI127060	Developing a highly sensitive, rapid, handheld vaginal swab test for the detection of Chlamydia trachomatis	\$0
2017	PURACATH MEDICAL, INC	CA	R43AI134553	A device to reduce catheter related bloodstream infection rates in patients with peripherally inserted central catheters (PICCs)	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120972	BRASL - A rapid Barcoded RNA Annealing, Selection, and Ligation assay to detect pathogens.	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$10
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$218,443
2017	STANFORD UNIVERSITY	CA	R21AI121570	Antigenic targets and commensal dependence of natural Tgammadelta17 cells	\$0
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI122329	The role of a fungal metalloprotease in breaching the blood-brain barrier	\$0
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$0
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI126277	Nutritional immunity during Salmonella infection	-\$261,825
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI126011	Role of Pld4 in nucleic acid sensing and interferon production	\$0
2017	INHIBRX LP	CA	R44AI129161	Development of multispecific antibodies for the treatment of Pseudomonas aeruginosa infection	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119434	Novel Role of Enterovirus 71 VP4 in Modulation of Cell Death Pathways	-\$22,489
2017	CHILDRENS HOSPITAL OF LOS ANGELES	CA	U01AI126612	Randomized study of low versus moderate dose busulfan in transplant for severe combined immunodeficiency	\$0
2017	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	-\$7
2017	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$304,581
2017	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	-\$372
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI113143	Interaction between innate and Th2 lymphocytes in helminth immunity	-\$149,184
2017	STANFORD UNIVERSITY	CA	F32AI115950	Mechanisms of IL-1B secretion during microbial infection	-\$12,579

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2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$0
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	-\$17
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126516	Kupffer Cell Necroptosis and Homeostatic Function in Liver Immune Responses against Ischemia Reperfusion Injury	-\$5
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124211	Atherosclerosis in SLE - OGG-1 as a novel target for therapeutic intervention	\$0
2017	ARIMA GENOMICS LLC	CA	R43AI124837	Maximal resolution and full-length phasing for next-generation MHC-typing	\$0
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124209	Characterization of a novel innate lymphoid cell (ILC2) with regulatory potential	-\$2,076
2017	INNOSENSE LLC	CA	R43AI126931	Nanowire Sensor-based Assay for Detecting Dengue and Chikungunya Virus	\$0
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$0
2017	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R21AI121789	Specificity Determinants of Contact Dependent Inhibition	-\$2
2017	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$0
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$33,896
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129592	HIV Vaccines	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131602	Modeling Viral Infections and Immunity	\$0
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI126453	Chemical Probes for Bacteria-Macrophage Interactions	\$0
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126781	TGF-beta in Immunity, Inflammation and Cancer	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI128981	Type I Interferon: Friend and Foe Alike	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131600	Cell Death and Inflammation	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	-\$39,704
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$0

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2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$383,505
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124859	Impact of ART Adherence on HIV Persistence and Inflammation	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129385	Microbiome in Health and Disease	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131607	Integrating Metabolism and Immunity	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129343	Viral Immunity: Mechanisms and Consequences	\$0
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R03AI123877	Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage	\$86,508
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129342	Malaria: From Innovation to Eradication	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI128965	B Cells and T Follicular Helper Cells ? Controlling Long-Lived Immunity	\$0
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131438	Mononuclear Phagocytes in Health, Immune Defense and Disease	\$0
2017	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$0
2017	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$19,841
2017	YALE UNIVERSITY	CT	R13AI132017	21st International Workshop on HIV and Hepatitis Observational Databases (IWHOD)	\$0
2017	YALE UNIVERSITY	CT	R21AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	-\$444
2017	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$31,977
2017	YALE UNIVERSITY	CT	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$180,186
2017	YALE UNIVERSITY	CT	R13AI133971	The 24th International Symposium on Hepatitis C Virus and Related Viruses	\$0
2017	YALE UNIVERSITY	CT	R01AI032524	Mechanism and Targeting of V(D)J Recombination	\$52,904
2017	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$0
2017	TANGEN BIOSCIENCES, INC.	CT	R43AI134273	Rapid Detection of multiple sepsis pathogens	-\$74,344
2017	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$0
2017	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$0
2017	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	-\$58,889
2017	ISOPLEXIS	CT	R43AI134499	Developing an integrated sorting and single cell analysis tool for the analysis of rare T Cells subsets in Autoimmunity	\$0
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$0
2017	YALE UNIVERSITY	CT	F31AI118233	Population genomics of Borrelia burgdorferi, the tick-borne agent of Lyme disease	-\$6,892

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2017	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$0
2017	INTERNATIONAL AIDS SOCIETY	DC	R13AI1131721	9th IAS Conference on HIV Science (IAS 2017), Paris, France, 23-26 July 2017	\$0
2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI1131592	ASM/ASV Conference on Intestinal Viruses, Bacteria and the Host	\$0
2017	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$0
2017	ONEVAX LLC	FL	R41AI1134213	Therapeutic Administration of Suppressor of Cytokine Signaling Mimetics to Ameliorate Type 1 Diabetes	\$0
2017	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	-\$78,201
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in <i>Borrelia burgdorferi</i>	\$102,985
2017	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	-\$530,253
2017	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$0
2017	EMMUNE INC	FL	R44AI1134269	Development of AAV vectors for long-term expression of eCD4-Ig	\$0
2017	UNIVERSITY OF FLORIDA	FL	R33AI119043	Countering beta-lactam resistance in <i>Pseudomonas aeruginosa</i>	\$21,839
2017	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$0
2017	UNIVERSITY OF FLORIDA	FL	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	-\$325,355
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	\$182,807
2017	UNIVERSITY OF FLORIDA	FL	R03AI124017	Semiparametric analysis of the household transmission of cholera	-\$46,034
2017	UNIVERSITY OF MIAMI	FL	R21AI124058	Nanocarrier-targeted mesenchymal stem cells to treat inflammatory bowel disease	\$0
2017	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI125785	Enterolactone and asthma	\$138,275
2017	UNIVERSITY OF FLORIDA	FL	R01AI1113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$364,332
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R56AI1131398	Discovery of Antimalarials with Novel Mechanism of Action	-\$276,794
2017	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$36,179
2017	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$0
2017	EMORY UNIVERSITY	GA	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$490,128
2017	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$761,658
2017	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic <i>E.coli</i>	\$0
2017	CAMELLIX, LLC	GA	R41AI124738	Novel sanitizer against viral infections with long-lasting effect	\$0

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2017	EMORY UNIVERSITY	GA	R56AI049781	Replicational Fidelity and Lentiviral Pathogenesis	-\$207
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI132125	Meiosis In Cryptococcal Infection	\$239,317
2017	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	-\$446,250
2017	EMORY UNIVERSITY	GA	R21AI117459	Novel DC targeted adenovirus vector for malaria vaccine development	\$0
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI127798	Sexual Development of Cryptosporidium	-\$30,470
2017	EMORY UNIVERSITY	GA	R01AI110113	2D affinity and frequency of antigen specific Tregs	-\$187,616
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI112427	Genetic Analysis of Cryptosporidium	-\$211,424
2017	EMORY UNIVERSITY	GA	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$485,051
2017	GENETAG TECHNOLOGY INC	GA	R43AI129078	Discriminating viral and bacterial meningitis infections with iDDS probes	\$0
2017	EMORY UNIVERSITY	GA	R21AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$0
2017	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,016,220
2017	EMORY UNIVERSITY	GA	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$291,900
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$0
2017	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	-\$407,968
2017	EMORY UNIVERSITY	GA	K08AI119448	Immune Correlates of Protection from Rift Valley Fever Virus	-\$87,397
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI124056	Diversity of intraepithelial CD8aa T cells that recognize antigens from commensal flora	\$111,069
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI122180	A pilot forward genetic screen for genes affecting thymus involution	-\$631
2017	EMORY UNIVERSITY	GA	F31AI133950	Regulation of 2'-5'-oligoadenylate synthetase 1 (OAS1) by dsRNA	\$0
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114629	Structure and mechanism of the AbgT-family transporters	-\$363,449
2017	UNIVERSITY OF IOWA	IA	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$817,032
2017	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$144,897
2017	UNIVERSITY OF IOWA	IA	R21AI117379	Synthesis and Evaluation of Zwitterionic Carbohydrate Immunostimulants	\$0
2017	UNIVERSITY OF IOWA	IA	R01AI121196	Role of Protein Ubiquitination in Sepsis	\$287,385
2017	UNIVERSITY OF IOWA	IA	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	\$215,526

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2017	UNIVERSITY OF IOWA	IA	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$328,248
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI131267	Macrophage Redox State in Sterilizing and Injurious Inflammation	-\$137,281
2017	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	-\$445,465
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122202	Bacillus anthracis egress from infected macrophages	\$0
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$0
2017	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	-\$16,009
2017	UNIVERSITY OF CHICAGO	IL	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	-\$494,175
2017	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$42,085
2017	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	-\$37,611
2017	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$31,768
2017	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$0
2017	ILLINOIS STATE UNIVERSITY	IL	F31AI112288	Characteristics of the larval habitat and the spread of invasive disease vectors	-\$20,100
2017	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	-\$163,080
2017	NORTHWESTERN UNIVERSITY	IL	R37AI094595	Identification of the Initial Targets of Transmission	\$21,553
2017	UNIVERSITY OF CHICAGO	IL	F30AI126791	Niche Establishment by Bacteroides fragilis - Resubmission 01	\$0
2017	UNIVERSITY OF CHICAGO	IL	F31AI118375	Rare-variant analysis to validate HIV-target genes affecting human HIV-response	\$0
2017	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$58,336
2017	NORTHWESTERN UNIVERSITY	IL	F32AI116044	A surface-exposed region of the UL37 protein that is essential for alphaherpesvirus neuroinvasion	-\$50,449
2017	UNIVERSITY OF CHICAGO	IL	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$252,102
2017	UNIVERSITY OF CHICAGO	IL	R21AI121915	Genetic Basis for Sensitivity of Neonates to Retroviruses	\$0
2017	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	-\$501
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	-\$326,974
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus aureus	\$0

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2017	PURDUE UNIVERSITY	IN	R01AI121302	Homing of Functionally Distinct ILC Subsets	-\$272,523
2017	UNIVERSITY OF NOTRE DAME	IN	R13AI131541	10th Arthropod Genomics Symposium (AGS)	\$0
2017	UNIVERSITY OF NOTRE DAME	IN	R13AI133973	Midwest Microbial Pathogenesis Conference	\$0
2017	PURDUE UNIVERSITY	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$313,525
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI119544	Somatic Gene Therapy for Mosquitoes	\$0
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	-\$301,739
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$17
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$0
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	\$4,986
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	\$298,047
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	K22AI108721	MOLECULAR CHARACTERIZATION OF T. GONDII MEROZOITES TO DEVELOP A CULTURE SYSTEM	-\$14,039
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI117569	The IL-22/IL-22 binding protein axis is critical for viral induced thymic atrophy and regeneration	-\$31,444
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI121894	Identification of Tick Chemoattractant(s) for B. burgdorferi	\$0
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$498,388
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$210,397
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106833	Regulation of anti-viral T cell responses by IRF4	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R56AI060025	Activation of Insect Immunity by Gram-Negative Bacteria	-\$346
2017	Trustees Of Boston University	MA	R21AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	-\$222,075
2017	WARP DRIVE BIO INC	MA	R43AI132011	Development of a Novel, Specific, and Sensitive Mass Spectrometry-Based Protein-Ligand Binding Assay to Discover Novel Beta-Lactam Antibiotics	-\$4,524
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI129700	Novel Macrophage Specific Strategy for Imaging of Arterial Inflammation in HIV	-\$49,290

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2017	WARP DRIVE BIO INC	MA	R43AI127047	Harnessing Genomic Information to Engineer Combinatorial Biosynthesis of a Large Polyketide Natural Products Library	-\$107,310
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI116597	Molecular biology of Trichomonas vaginalis viruses	-\$261,363
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$559,239
2017	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$40,873
2017	JOSLIN DIABETES CENTER, INC	MA	R21AI122110	Immune regulatory function of CD5	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	\$73,914
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$0
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	-\$201,173
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$577,956
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	-\$206,763
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	-\$183,061
2017	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$0
2017	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$62,655
2017	BROAD INSTITUTE INC	MA	R33AI105936	A "radical" approach to tuberculosis infection	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117440	Regulation of Th17 immune responses by serpinB1	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126889	Genetic screens for erythrocyte determinants of protein trafficking in malaria parasites	\$0
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$2,295
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$0
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$0
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$0
2017	DAKTARI DIAGNOSTICS, INC.	MA	R44AI129138	Highly-sensitive zika and dengue antigen/antibody combo test for the point of care	-\$221,653
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124096	Exosomes and Donor MHC Cross-Dressing of Recipient Cells in Allotransplantation	\$0

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2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121700	Synergistic Photodynamic Therapy for Catherer-Associated Urinary Tract Infections	-\$751
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI131601	2017 Boston Bacterial Meeting (BBM)	\$0
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI134498	Enrichment-free Salmonella detection for food safety	-\$274,842
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI130547	Altered CD4+ T cell function in relation to the AHI1 MS locus	-\$390,398
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI131952	Adaptation of an enrichment-free Listeria diagnostic to food matrices	\$0
2017	BETH ISRAEL HOSPITAL	MA	R33AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$50,056
2017	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$28,262
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$0
2017	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$128,192
2017	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	-\$85,361
2017	IMMUNETICS, INC	MA	R44AI102343	Molecular Detection of Invasive Fungal Infections	-\$988,975
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI116661	Influence of intestinal microbiota on post-natal thymic T cell development	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI124171	Role of the cytosolic DNA sensor cGAS in malaria	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126289	Inhibition of BCL-2 for induction of mixed chimerism without myelosuppressive conditioning	\$0
2017	DAKTARI DIAGNOSTICS, INC.	MA	R44AI124964	An HIV Viral Load Assay for the Point-Of-Care	-\$1
2017	UNIVERSITY OF MASSACHUSETTS	MA	R13AI129301	International Immunocompromised Host Society's 19th International Symposium on Infections in the Immunocompromised Host	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI127271	Next Generation Missing Data Methods in HIV Research	-\$196,279
2017	Lyndra Therapeutics, Inc.	MA	R01AI131416	Development of Ultra Long-Acting Oral HIV Therapies	\$541,842
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120665	Genetic Analysis of Vibrio parahaemolyticus Pathogenicity	-\$1,987
2017	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$22,425
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$435,594
2017	UNIVERSITY OF MASSACHUSETTS	MA	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	-\$63,194
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$0
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119763	Control of macrophage activation by Akt signaling and metabolic input	\$0
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124326	Mechanisms of human pre-B cell differentiation	\$0
2017	TUFTS UNIVERSITY	MA	R21AI126050	The regulation of basal interferon and its role in necroptosis	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI125785	Enterolactone and asthma	-\$138,275

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2017	UNIVERSITY OF MASSACHUSETTS	MA	R33AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$36,900
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	-\$76,160
2017	WARP DRIVE BIO INC	MA	R43AI131946	New Approaches to Mining the Complete Actinomycete Genome to Discover Novel Beta-Lactam Antibiotics	\$0
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	-\$152
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117737	Human complement C4 isotypes in Lupus	\$0
2017	Trustees Of Boston University	MA	R21AI113522	Elucidation of Ikaros function in peripheral T cell responses in vivo	\$0
2017	BROAD INSTITUTE INC	MA	K01AI126519	Automated and sensitive genomic co-profiling for precision pharmacogenomics	-\$93,848
2017	WARP DRIVE BIO INC	MA	R43AI129043	Genome Mining the Full Diversity of the Actinomycete Biosynthetic Universe for Neomorph Antibiotic Discovery	\$0
2017	STC BIOLOGICS, INC.	MA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$0
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$346
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI116023	Dynamics in the Vaginal Ecosystem and Development of Vulvovaginal Candidiasis	-\$16,226
2017	UNIVERSITY OF MARYLAND	MD	R03AI131072	Genetic Engineering of the rotavirus genome through a fully recombinant reverse gene	-\$68,034
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI122223	Transmission of Antibiotic-resistant Gram-negative Bacteria in Nursing Homes	-\$3,809
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$127,294
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI118244	Understanding cellular interactions and the immunobiology of the malaria liver stage	-\$5,746
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R42AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	\$88
2017	KAMTEK, INC	MD	R43AI122531	In Vivo Efficacy Studies of Clofazimine against CDAD in Hamster Model	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$372,248
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131578	FASEB SRC on Signal Transduction in the Immune System	\$0
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131577	FASEB SRC on Autoimmunity	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI129411	Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis	-\$1,277,732
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R13AI131621	Travel Program for Students In Low-Income Countries to Attend CUGH 2017	-\$1,863

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2017	CODEX BIOSOLUTIONS INC	MD	R43AI131785	Novel Strategies to Improve Production of a Full-Length Native HIV-1 Env Spike	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$748,586
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI125290	Early Peanut Introduction: Translation to Clinical Practice	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$63,194
2017	UNIVERSITY OF MARYLAND	MD	R13AI124615	2017 Mid-Atlantic Microbial Pathogenesis Meeting	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	R03AI128132	Mutations that Confer Mycobacteria Resistance to Carbapenems	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	K01AI110526	Identifying Transmission Routes for Cholera among Household Contacts of Cases	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	-\$157,476
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121805	Towards a new regimen to treat mycobacterial infection in cystic fibrosis patients	\$0
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	-\$776,946
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$0
2017	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$0
2017	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$0
2017	MEDIGEN INC	MD	R44AI094863	Novel DNA-Launched Attenuated Vaccine for VEE Virus SBIR Phase II	\$0
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI120780	Impact of Heterogeneity in Structural and Network Level Factors on HIV Treatment as Prevention in South Africa	-\$44,044
2017	SCANOGEN INC	MD	R44AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$71
2017	JOHNS HOPKINS UNIVERSITY	MD	UH3AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$258,936
2017	JACKSON LABORATORY (THE)	ME	K22AI119231	Community organizing: Harnessing the interactions of the microbiome as a basis for novel therapeutic strategies	\$0
2017	MICHIGAN STATE UNIVERSITY	MI	R56AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$99,153
2017	Regents of the University of Michigan	MI	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$176,988
2017	TSRL, INC	MI	R43AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza Infections	-\$12,235
2017	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$224
2017	NOTA LABORATORIES LLC	MI	R44AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions for Treatment/Prevention of Rhinosinusitis (Phase II)	\$5,178

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2017	Regents of the University of Michigan	MI	UH2AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$0
2017	Western Michigan University School of Medicine	MI	R03AI123875	B1a Cell Function in Sickle Cell Disease	\$0
2017	Regents of the University of Michigan	MI	R01AI091627	Notch Signaling in Alloimmunity	-\$163,320
2017	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$128,288
2017	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$0
2017	TSRL, INC	MI	R41AI132102	Cell-penetrating antimicrobial therapeutics for treatment of complicated skin and soft tissue infections	-\$15,697
2017	TSRL, INC	MI	R44AI134190	Development of methionyl-tRNA synthetase inhibitors for Gram positive bacterial infections	\$14,226
2017	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	-\$27,065
2017	MAYO CLINIC	MN	R21AI125747	Measles virus airway epithelium entry, and rapid cell-to-cell spread	\$0
2017	UNIVERSITY OF MINNESOTA	MN	R21AI130642	A pharmacological screen for 'inactivating antagonists' at an essential parasite G protein coupled receptor	-\$129,353
2017	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	-\$397,500
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$83,657
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$0
2017	UNIVERSITY OF MINNESOTA	MN	R21AI121602	Antibiotics targeting siderophore receptors	\$0
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125821	(Re)generating new drug leads for schistosomiasis	-\$190,137
2017	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	-\$92,635
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T Cells	-\$40,185
2017	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	-\$50,468
2017	UNIVERSITY OF MINNESOTA	MN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$0
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	-\$290,568
2017	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$1,424
2017	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	-\$1
2017	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	-\$23,381

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	-\$445,944
2017	SAINT LOUIS UNIVERSITY	MO	K22AI104794	IMMUNE CONTROL OF WEST NILE VIRUS QUASISPECIES DYNAMICS	-\$347
2017	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	-\$334
2017	WASHINGTON UNIVERSITY	MO	R21AI126150	CONTROL OF PERIPHERAL T CELL FUNCTION BY SELF-PEPTIDE/MHC	-\$1
2017	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	-\$381,250
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	-\$450,289
2017	WASHINGTON UNIVERSITY	MO	R21AI122726	REGULATION OF OF GENOME ARCHITECTURE IN LYMPHOCYTES: OPPOSING TETHER AND BOUNDARY FUNCTIONS	-\$2
2017	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$0
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	-\$175,275
2017	WASHINGTON UNIVERSITY	MO	R21AI115139	REGULATION OF COMPLEMENT ACTIVATION BY SALP20 PROTEIN	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	-\$29
2017	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121465	Diversity and Phenotype of Artemisinin Resistance Mutations in Central Africa	-\$12,356
2017	Duke University	NC	F32AI118294	Discovery of novel liver host targets for malaria treatment	-\$36,569
2017	Duke University	NC	R21AI122048	Innate immune recognition of bacterial secretion systems by GBPs	\$0
2017	Duke University	NC	F31AI124563	Trans-regulatory mechanisms of glucocorticoid-mediated transcriptional repression	-\$8,875
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	-\$1,746
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$1
2017	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$0
2017	Duke University	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	\$0

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2017	Duke University	NC	K22AI116509	Survival of influenza A virus infected cells and effects on pathogenesis	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$61,956
2017	AMERICAN SOCIAL HEALTH ASSOCIATION	NC	R13AI134496	HIV Research in Women in Latin America	-\$11,666
2017	Duke University	NC	R21AI127022	Dual-Affinity Re-Targeting Proteins for Cure of Newborn Infant HIV-1 Infection	\$0
2017	CELL MICROSYSTEMS INC	NC	R42AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	\$2,015
2017	WAKE FOREST UNIVERSITY	NC	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$47,416
2017	Duke University	NC	R21AI120981	Bloodborne tropical pathogen detection using multiple nanophotonic arrays	-\$367
2017	Duke University	NC	R13AI132015	2017 INTEREST Conference	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI133236	Natural killer cell cytotoxicity against intracellular bacteria	-\$198
2017	Duke University	NC	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	-\$12,288
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$218
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$885,714
2017	Duke University	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	-\$427,991
2017	Duke University	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$0
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI116406	Quantification of HIV-1 Splicing Phenotypes and the Role of RNA Structure and Splice Regulator Elements	-\$9,935
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	-\$91,724
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI109979	Investigating the targets and strain specificity of antibodies against P. vivax	-\$1,987
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI125560	Enhancing efficacy of pertussis vaccines	-\$391,067
2017	Duke University	NC	R56AI124973	Effect of m6A methylation of HIV-1 transcripts on viral replication	\$0
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$368,756
2017	DARTMOUTH COLLEGE	NH	R03AI122242	PH domains as Calmodulin binding domains	\$0
2017	DARTMOUTH COLLEGE	NH	R01AI127521	Structure, Function and Antigenicity of Coronavirus Spike Proteins	-\$97,089
2017	IMMUNEXT INC	NH	R44AI129182	Targeting the checkpoint regulator VISTA for treatment of inflammatory disease	\$0
2017	DARTMOUTH COLLEGE	NH	F31AI124549	Design and Synthesis of Small-Molecule Inhibitors of Enteropathogenic Bacterial Virulence	\$0

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2017	PRINCETON UNIVERSITY	NJ	F31AI114240	Emerging roles for interferon inducible protein IFIX in innate immune response	-\$9,935
2017	HACKENSACK MEDICAL CENTER	NJ	R21AI1133140	DNA Elements Underlying Celiac and Crohn's Susceptibility	\$170,430
2017	ANALYTICAL DIAGNOSTICS SOLUTIONS, INC	NJ	R43AI129057	A user-friendly point-of-care device for G6PDH determination	\$0
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI116802	Regulation of innate lymphocyte function by Zbtb32	\$0
2017	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$0
2017	ADVANCED BIODEVICES LLC	NJ	R43AI132040	Improved cleaning technology for reducing risk of transmitting infection in endoscopy.	\$0
2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$65,672
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI121806	Paratransgenic sand flies	\$0
2017	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R21AI120973	Field-deployable Assay for Differential Diagnosis of Malaria and Viral Febrile Illnesses	\$0
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	-\$74,837
2017	UNIVERSITY OF NEVADA-RENO	NV	R21AI116985	MicroRNA regulation of airway remodeling and repair in asthma	\$161,453
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$522,116
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI102891	Mechanisms of induction of protective anti-malarial CD8+ T Cells	\$0
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$0
2017	SUNY, BUFFALO	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	-\$373,800
2017	ROCKEFELLER UNIVERSITY	NY	K99AI127932	Human genetic determinants of mycobacterial immunity	-\$47,383
2017	Trustees Of Columbia University In The City Of New York	NY	R21AI1133140	DNA Elements Underlying Celiac and Crohn's Susceptibility	-\$142,527
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	-\$4
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	-\$25,876
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$6,474
2017	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$42,945
2017	Trustees Of Columbia University In The City Of New York	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	-\$21,043
2017	SUNY, STONY BROOK	NY	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	-\$376,157
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$0
2017	SUNY, STONY BROOK	NY	R21AI125806	Comorbidity of hypercholesterolemia and Lyme disease	-\$237,750
2017	HEALTH RESEARCH, INC.	NY	R56AI131669	High throughput screening of orthosteric inhibitors of flavivirus protease	-\$487,360

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2017	CORNELL UNIVERSITY	NY	U01AI131348	Roles for DevelopmentallyRegulated microRNAs in Neonatal Immunity	\$2,397
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	-\$54,538
2017	CORNELL UNIVERSITY	NY	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$489,325
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121996	Intestinal Immune Response in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome	\$0
2017	THERAGNOSTIC TECHNOLOGIES INC	NY	R43AI131958	CRISPR-Cas9 Systems Delivered by Targeted Nanoparticles to Eradicate Herpesvirus Pathogens	\$0
2017	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	-\$3,539
2017	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	-\$244,685
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI123819	Impact of immunosuppression therapy on commensal fungi and intestinal disease	-\$605
2017	CORNELL UNIVERSITY	NY	R01AI119122	Exploiting metabolic toxicities to identify compounds that inhibit cholesterol metabolism in M. Tuberculosis	\$0
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI119304	Chemical intervention of influenza virus RNA nuclear export	\$108,551
2017	SUNY, STONY BROOK	NY	R13AI132029	10th International Conference on Cryptococcus and Cryptococcosis	\$0
2017	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$0
2017	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$0
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$0
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	-\$1
2017	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	-\$16,957
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	-\$442,509
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121944	Cellular receptor for enterovirus D68	\$0
2017	ROCKEFELLER UNIVERSITY	NY	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	-\$406,390
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$0
2017	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	\$110,451
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$511
2017	Trustees Of Columbia University In The City Of New York	NY	F30AI114070	Dissecting the molecular basis of PfCRT-mediated antimalarial drug resistance	-\$8,260
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI124129	Generation of a mouse expressing a photoactivatable Cre recombinase	\$0

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2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109830	Therapeutic Applications of Broadly Neutralizing Anti-HIV-1 Antibodies to Clear Latently Infected Cells	-\$14,643
2017	COLD SPRING HARBOR LABORATORY	NY	R13AI129217	2018 CSHL Retroviruses Conference	\$0
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI031046	Tolerance to Vascularized Allografts in Miniswine	-\$1
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI088027	Ebolavirus and marburgvirus entry into cells	\$0
2017	CUBRC INC	NY	R21AI121614	Development of HAMLET as a Adjuvant for the Treatment of Drug-resistant Staphylococcus Aureus Infections	\$0
2017	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$0
2017	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$24,579
2017	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$61,205
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$96,739
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	-\$8
2017	UNIVERSITY OF ROCHESTER	NY	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	-\$192,292
2017	CORNELL UNIVERSITY	NY	R56AI083932	Genetic and Physiological Constraint on Immunity	\$0
2017	SYLVATICA BIOTECH, INC.	NY	R43AI124835	Sylvatica I-Corps Commercialization Jan2017 - High Subzero, Equilibrium VCA Cryopreservation	\$0
2017	Trustees Of Columbia University In The City Of New York	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$628,775
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$0
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI122486	Deciphering the cellular signals emanating from Staphylococcus aureus LukAB interaction with host-receptor that result in immune cell death	-\$52,013
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	-\$241,482
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$0
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	-\$1,100
2017	ROCKEFELLER UNIVERSITY	NY	U01AI118536	3BNC117 mAb in HIV-infected subjects on combination ART	-\$32,336
2017	UNIVERSITY OF ROCHESTER	NY	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	-\$255,364
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI130547	Altered CD4+ T cell function in relation to the AH11 MS locus	\$362,532
2017	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$0

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2017	OHIO STATE UNIVERSITY	OH	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	-\$404,839
2017	OHIO STATE UNIVERSITY	OH	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	-\$333,392
2017	OHIO STATE UNIVERSITY	OH	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	-\$514,990
2017	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$0
2017	OHIO STATE UNIVERSITY	OH	R03AI124017	Semiparametric analysis of the household transmission of cholera	\$46,033
2017	OHIO STATE UNIVERSITY	OH	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$255,364
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI123089	Systemic immune modulation by enteric commensal fungi	\$0
2017	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$0
2017	OHIO STATE UNIVERSITY	OH	R21AI126082	IL-10 as a host modifier of PZA activity	-\$192,500
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	\$0
2017	OHIO STATE UNIVERSITY	OH	R01AI125560	Enhancing efficacy of pertussis vaccines	\$499,976
2017	OHIO STATE UNIVERSITY	OH	R01AI121196	Role of Protein Ubiquitination in Sepsis	-\$340,127
2017	OHIO STATE UNIVERSITY	OH	R21AI124687	Stromal IL -6/Jak-STAT Signaling and Pancreatitis	-\$175,928
2017	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	-\$155,691
2017	CLEVELAND STATE UNIVERSITY	OH	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	\$406,390
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI114629	Structure and mechanism of the AbgT-family transporters	\$584,880
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	-\$1,944
2017	OKLAHOMA STATE UNIVERSITY	OK	R21AI121591	MicroRNA-193b regulation of influenza virus replication	\$0
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI134061	50th Annual Meeting of the Society for Leukocyte Biology (SLB). Leukocyte Memory: Health and Disease	\$0
2017	OKLAHOMA STATE UNIVERSITY	OK	R21AI128520	A self-limited live RSV vaccine inducing anti- pre-fusion F antibodies	\$0
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$0
2017	OKLAHOMA STATE UNIVERSITY	OK	R15AI126360	Taxilin Alpha Regulates DNA-Mediated and Interferon-Dependent Innate Immunity	\$0
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127125	Impact of retroviral infection on non-classical, mycobacteria-specific T cells.	\$0
2017	TOMEGAVAX, INC.	OR	R44AI129232	A Cytomegalovirus-based therapeutic vaccine for chronic hepatitis B	\$0
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	-\$43,873

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2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	-\$108,393
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	-\$14,985
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	\$211,424
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI119117	The "Kick" Revisited in the "Kick and Kill" Strategy	-\$41
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121876	The Toponome of Virus Infected Skin	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R56AI126995	Role of macrophage activation in HBV/HIV co-infection-induced liver disease	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	-\$1,512
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124868	Risk of Liver Complications with HBV and HIV Viremia During Tenofovir-Based ART	-\$920
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121981	Countering the pro-inflammatory attributes of IL-33 during hematopoietic cell transplantation for tolerance induction	-\$242
2017	UNIVERSITY OF PITTSBURGH	PA	K22AI108600	Visualizing Influenza Viral RNA Packaging	\$0
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	-\$125,655
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI126351	Integration of Enteric Immune and Nervous Systems in the Mucosal Recall Immune Response	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125990	Exploring viral infection with single cell transcriptomics	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	-\$4,986
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127798	Sexual Development of Cryptosporidium	\$30,470
2017	ACCEL DIAGNOSTICS LLC	PA	R43AI125013	I-Corps Program for A rapid instrument-free diagnostic assay for the early detection and quantification of sepsis biomarkers in blood.	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI123611	Regulation of cellular functions by two human Polyomaviruses	\$0
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121744	MicroRNA regulation of Natural Killer T Cell differentiation and activation	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI119892	Molecular Basis for Activity by Membrane Bound O-Acyltransferases	\$0
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI128325	Role of stem cell-derived T lymphocytes in chronic HBV infection	-\$144,539
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI132353	Cationic Bolaamphiphiles (CAB) and Phosphorothioate Gappers as Antisense Therapy for C. difficile	-\$132,966
2017	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$7,546
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$46,000
2017	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$1,399
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$0
2017	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	-\$1
2017	UNIVERSITY OF PITTSBURGH	PA	K08AI119448	Immune Correlates of Protection form Rift Valley Fever Virus	\$87,396
2017	UNIVERSITY OF PITTSBURGH	PA	R03AI122067	The Effects of M. tuberculosis Infection on Lung Microbiome in Macaques	-\$22,988
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI121180	Stem cell-derived regulatory T cells for therapeutic use in arthritis	-\$349,233
2017	UNIVERSITY OF PENNSYLVANIA	PA	R13AI131505	21st Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$0
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123738	Cytokine regulation of T follicular helper (Tfh) cell biology	\$320,448
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129344	2017 Viruses and Cells Gordon Research Conference and Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131445	2017 Angiogenesis Gordon Research Conference & Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129380	2017 Neuroimmune Communication in Health and Disease Gordon Research Conference	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131575	2017 Tuberculosis Drug Discovery and Development Gordon Research Conference and Gordon Research Seminar	\$0
2017	RHODE ISLAND HOSPITAL	RI	R34AI132000	Praziquantel for children under four: A Phase II PK/PD driven dose finding trial	-\$10,662
2017	BROWN UNIVERSITY	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$39,244
2017	GORDON RESEARCH CONFERENCES	RI	R13AI133660	2017 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conference and Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131540	2017 Staphylococcal Diseases Gordon Research Conference and Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131411	2017 Microbial Adhesion & Signal Transduction Gordon Research Conference & Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129379	2017 Physical Virology Gordon Research Conference and Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI133766	2017 Microbial Population Biology Gordon Research Conference & Gordon Research Seminar	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI134001	2017 Malaria Gordon Research Conference & Gordon Research Seminar	\$0
2017	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$0
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131591	2017 Calcium Signaling in Health and Disease Gordon Research Conference & Gordon Research Seminar	\$0

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2017	GORDON RESEARCH CONFERENCES	RI	R13AI131448	2017 Phagocytes Gordon Research Conference and Gordon Research Seminar	\$0
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$217,406
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI124687	Stromal IL -6/Jak-STAT Signaling and Pancreatitis	\$151,232
2017	CLEMSON UNIVERSITY	SC	R13AI129383	The Cell Biology of Eukaryotic Pathogens Symposium	-\$386
2017	UNIVERSITY OF SOUTH DAKOTA	SD	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	-\$350,887
2017	UNIVERSITY OF TENNESSEE	TN	R21AI119462	Enterobactin-mediated iron acquisition for Campylobacter infection	\$0
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	-\$185,965
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$0
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$573,310
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121799	Structural Determinants of Human Antibodies neutralizing the Ebola Virus	\$0
2017	IQUITY LABS, INC.	TN	R43AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	-\$511,470
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$0
2017	UNIVERSITY OF TENNESSEE	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	-\$367,746
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$113,345
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$0
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$35,012
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124452	Bacterial delivery of RNAi and CRISPRs for modulation of mosquito transcription	\$0
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	F31AI122725	Mechanism of Candida albicans biofilm inhibition by a bacterial secreted factor	-\$14,022
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI129906	T cell fate decisions and transplant outcomes	-\$281,799
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI126809	Regulation of Cellular and Humoral Responses to Mouse Malaria	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$62,280
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	-\$116,038

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2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$0
2017	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	-\$780
2017	AI BIOSCIENCES INC	TX	R43AI129061	Rapid and Low- cost POC Assay for Zika Virus Diagnosis	\$0
2017	SANO CHEMICALS, INC.	TX	R41AI131792	Lead Compound Discovery from Engineered Analogs of Occidiofungin	\$0
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI130197	The adaptor protein Crk in immune responses	-\$214,900
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI122418	An epigenomic approach to reactivate latent HIV	-\$26,852
2017	PARATUS DIAGNOSTICS	TX	R43AI131948	Portable, High-surety Detection of Zika Virus Directly in Mosquitoes and Humans	\$0
2017	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	-\$11,835
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	-\$1,365
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI126082	IL-10 as a host modifier of PZA activity	\$272,796
2017	TEXAS TECH UNIVERSITY	TX	R33AI119782	Discovery of New Anti-amoeba Therapeutics	\$82,190
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125216	Contribution of LiaFSR to pathogenesis and carriage of group A Streptococcus	-\$235,204
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$0
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$0
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in Borrelia burgdorferi	-\$25,779
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI129471	Identify ZIKV host factors with an improved CRISPR-based genome-wide knockout screen	-\$154,213
2017	TEXAS A & M UNIVERSITY	TX	R21AI132125	Meiosis In Cryptococcal Infection	-\$236,993
2017	UNIVERSITY OF TEXAS AT ARLINGTON	TX	K22AI123481	Exploring how B cell Maturation Pathways Influence Microbiota Composition and Host Health	-\$37,436
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	-\$142,013
2017	BAYLOR COLLEGE OF MEDICINE	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	\$0
2017	AYUVIS RESEARCH LIMITED	TX	R43AI129164	Novel multifunctional oligosaccharide for treating sepsis and severe sepsis.	\$0
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI121519	Targeting Cell Membrane Adaptation in Multidrug-Resistant Enterococcus faecium	\$0
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI124662	Hijacking of the Early Endosomal Pathway by novel tick-borne bunyavirus	-\$32,111
2017	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	\$0

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2017	UNIVERSITY OF UTAH	UT	R21AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	-\$33,013
2017	CARTERRA INC	UT	R43AI132075	High-throughput, multiplexed characterization and modeling of antibody:antigen binding, with application to HSV	\$0
2017	UNIVERSITY OF UTAH	UT	K22AI116803	T follicular helper memory cells	-\$648
2017	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	\$0
2017	ICBIOME, INC.	VA	R43AI129187	An Integrated Pan Genome-Resistome Platform for Nosocomial Pathogen Surveillance in Hospitals	\$0
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124490	High-dimensional profiling of B cells in food allergy	-\$3,632
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$54,151
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$8,133
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI116815	Rotavirus Genome Replication and Virion Assembly	-\$47,416
2017	PEDIATRIC INFECTIOUS DISEASES SOCIETY, INC.	VA	R13AI129169	St. Jude/PIDS Pediatric Infectious Diseases Research Conference	-\$6,000
2017	ALEXANDER BIODISCOVERIES LLC	VA	R43AI128978	Small molecule inhibitors for influenza treatment	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$0
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI114471	Structural characterization of the Nef-calnexin complex	-\$24
2017	VIRONGY L.L.C.	VA	R43AI124778	HIV REV-DEPENDENT REPORTER CELL FOR NEUTRALIZING ANTIBODY DISCOVERY	\$0
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	\$194,185
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F30AI112199	Neisseria gonorrhoeae TbpA functional analysis and inhibition	-\$6,794
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$479,369
2017	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$0
2017	UNIVERSITY OF VERMONT	VT	R21AI107298	Structure and Ligand(s) for Human Synovial TCR-Gamma/Delta	\$0
2017	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$0

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2017	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI124266	Applying the principle of synthetic lethality to virus-host protein-protein interactions as a novel approach for antiviral development	\$0
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	-\$73,914
2017	UNIVERSITY OF WASHINGTON	WA	F31AI126834	Escherichia coli O157 Phylogeny: Implications for Virulence and Disease Distribution	-\$10,932
2017	UNIVERSITY OF WASHINGTON	WA	R33AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$35,593
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$45,848
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	-\$42
2017	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$15,672
2017	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	-\$346,673
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	-\$427,749
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$0
2017	UNIVERSITY OF WASHINGTON	WA	F31AI131595	Statistical Methods for Analysis of Longitudinal Microbiome Data	-\$3,974
2017	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	-\$85,865
2017	UNIVERSITY OF WASHINGTON	WA	F31AI126629	Genetically determined susceptibility to rotavirus and rotavirus vaccine failure in sub-Saharan Africa	-\$21,970
2017	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI125136	Host Innate Immune Response as a Barrier to Cross-Species Retrovirus Transmission	\$0
2017	UNIVERSITY OF WASHINGTON	WA	R21AI122361	Ex Vivo Detection and Analysis of Non-inducible Latent HIV	\$0
2017	ORICULA THERAPEUTICS LLC	WA	R44AI122428	Novel therapeutic agent to prevent hearing loss during aminoglycoside therapy	\$0
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R00AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	-\$268
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$0
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$0
2017	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$146,919
2017	UNIVERSITY OF WASHINGTON	WA	K22AI108628	Micro-anatomical organization of innate and adaptive immune responses	-\$7

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2017	PHAGE DIAGNOSTICS, INC.	WA	R44AI134498	Enrichment-free Salmonella detection for food safety	\$240,561
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$110,759
2017	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI134062	18th International Congress of Mucosal Immunology (ICMI 2017)	-\$7,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121662	A biotherapeutic CRISPR-delivery platform to eradicate Clostridium difficile	-\$45,302
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$554,524
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	-\$30,495
2017	INTERNATIONAL EOSINOPHIL SOCIETY INC	WI	R13AI131485	10th Biennial Symposium of the International Eosinophil Society, Inc.	\$0
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$4,083
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI132563	Previous exposure to dengue as a risk factor for Zika virus during pregnancy	-\$698,434
2017	SCARAB GENOMICS LLC	WI	R44AI129149	Increasing available choices for conjugate vaccine technology by producing carrier proteins in Scarab Genomics? reduced genome E. coli strains	\$25,270
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI095274	Characterization of botulinum neurotoxin A subtypes	\$81,616
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	-\$64,715
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	-\$86,413
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$180,712
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	-\$64,859
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	-\$1
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	-\$410,597
2016	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		P50AI098507	Modeling Drug Induced Resistance in S. mansoni Endemic Areas	\$0
2016	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R03AI119220	Fluorescent barcoding to unravel T cell niche development during vaccination.	-\$79
2016	WITS HEALTH CONSORTIUM		R21AI116015	Combining Xpert and GIS to identify areas of high tuberculosis transmission	-\$133,269
2016	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R21AI116142	Fate of M. tuberculosis Antibiotic Survivors	-\$2,479
2016	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$13,653

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2016	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	-\$172,155
2016	FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2016	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	-\$2,174
2016	UNIVERSITY OF QUEENSLAND		R33AI098731	Discovery of Polymyxin-based Antibacterial Agents Active Against Multi-Drug Resis	\$0
2016	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$0
2016	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	-\$4,106
2016	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	-\$69,969
2016	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants' mechanisms	\$0
2016	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$0
2016	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$0
2016	UNIVERSITY OF WESTERN ONTARIO		R01AI049170	Impact of HIV-1 fitness on disease progression	\$0
2016	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	-\$17
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	-\$28,623
2016	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	-\$72,656
2016	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	-\$115,068
2016	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	-\$133,506
2016	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	-\$178,682
2016	MAHIDOL UNIVERSITY		R01AI099385	Innate immune mechanisms in dengue infection	\$0
2016	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	-\$6,142
2016	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	-\$98
2016	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	-\$20,268
2016	UNIVERSITY OF CAPE TOWN		R21AI115977	Diversity of CD4+ Th subsets in TB immunity - Impact of HIV infection	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$19,882

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2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116320	A novel source of mucosal T cells to study immunity in the female genital tract	-\$112
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI113559	Analysis of the macrophage membrane proteome: effects of viral infection	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	-\$434
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI117703	The pre-BCR CDR-H3 sensing site and H chain selection	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI127307	Inter-CFAR (Center for AIDS Research) Collaborative Symposium on HIV Research in Women	-\$12,231
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	-\$84
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$0
2016	UNIVERSITY OF ALABAMA	AL	K22AI113106	Understanding CRISPR-cas regulation and its impact in staphylococci	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$0
2016	AUBURN UNIVERSITY	AL	K22AI100983	Genetic determinants of virulence for fusariosis	-\$6
2016	Hudson Alpha Institute of Biotechnology	AL	R13AI124612	Immunogenomics 2016	-\$10
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI104172	Hydrogen Peroxide and Capsule Production in Streptococcus pneumoniae	-\$9,929
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	-\$73,936
2016	UNIVERSITY OF ARKANSAS	AR	R21AI119813	Expanding the genetic code in Salmonella	\$0
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI119532	Rrp2-dependent gene regulation in Borrelia burgdorferi	\$0
2016	UNIVERSITY OF ARIZONA	AZ	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$11,779
2016	UNIVERSITY OF ARIZONA	AZ	R21AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	-\$9,716
2016	UNIVERSITY OF ARIZONA	AZ	R21AI117885	Vaccine Immunity to Attenuated Coccidioides	\$0
2016	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$0
2016	UNIVERSITY OF ARIZONA	AZ	R21AI111944	Tribal Warfare: Killing of pathogen N. gonorrhoeae by commensal N. elongata	\$0
2016	UNIVERSITY OF ARIZONA	AZ	R21AI119478	Redox stress responses in Clostridium difficile: mechanisms and implications	\$0
2016	ARIZONA STATE UNIVERSITY	AZ	R03AI111361	Isolation of Pathogenic Listeria	-\$4,074
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	-\$34,342
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$0

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2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$0
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$0
2016	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R01AI098757	Small molecule inhibitory leads against influenza RdRp	-\$1
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$5,572
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI101539	Trispecific monoclonal antibody for botulinum neurotoxin intoxication therapy	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112796	Non-canonical roles of the apoptotic caspases in T-cell activation	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117174	Complex and evolving mechanisms of insecticide resistance in malaria vectors	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI113060	Synthetically engineering population control systems in vectors of human disease	\$87,453
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119916	Imaging immune-mediated liver rejection with Positron Emission Tomography	\$0
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R03AI123877	Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage	-\$12,545
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$0
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	-\$109
2016	La Jolla Institute For Immunology	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$0
2016	MOLECULAR EXPRESS, INC	CA	R43AI124725	Optimization of VesiVax? Lipidated Tucaresol Formulations	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	-\$147,539

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2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	-\$3,443
2016	STANFORD UNIVERSITY	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	-\$11,090
2016	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	-\$4,253
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116252	Characterization of Gallic Acid as a Novel HIV Microbicide Candidate	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	-\$111,101
2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI114965	Carboxypeptidase ACE and MHC Class I Presentation	-\$757
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117940	Mechanism of dysbiosis caused by AE Pathogens	\$0
2016	AGENOVIR CORPORATION	CA	R43AI122529	CRISPR-based anti-viral therapeutics to eliminate EBV-associated post-transplant lymphoproliferative disease	-\$13,199
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	-\$1
2016	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	-\$194
2016	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$0
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$0
2016	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	-\$409
2016	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	-\$37,603
2016	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	-\$367
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI106930	Innate immunity-based screen for bacterial type III secretion system inhibitors	-\$855
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117175	Profiling Serine Hydrolase Activity At The Virus-Host Interface	\$0

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2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117303	Generation of a TCR transgenic mouse to study Chlamydia genital tract infection	-\$4
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	-\$137,250
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117563	Genetic Dissection of arenavirus-induced lethality	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116415	Mesenchymal Stem Cell Therapy for Gut Mucosal Recovery in the SIV Model of AIDS	\$0
2016	GENENDEAVOR LLC	CA	R43AI126956	Isothermal Chain Reaction (ICR) Rapid and Early Detection of Pathogens for Sepsis Point-of-Care Testing, Stratification, and Monitoring	\$0
2016	VLP BIOTECH INC	CA	R43AI122370	An Epitope-Focused Pediatric RSV Vaccine	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	-\$6,292
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	-\$115,888
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	-\$10
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$0
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$0
2016	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R33AI098658	Combination Therapy using an Innovative Bioadhesive Polymeric Transmucosal Delive	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117556	Functional characterization of IL-40, a novel cytokine	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117555	A Transgenic Mouse Line to Map Cell-Type Specific Calcium Signals In Vivo	\$0
2016	STANFORD UNIVERSITY	CA	R21AI115106	Argonaute function in Entamoeba histolytica	\$0
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI116257	New adjuvants to induce neutralizing HIV antibody responses	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119971	Mechanism-Based Wound Healing by Activation of gamma delta T Cells	\$0
2016	STANFORD UNIVERSITY	CA	R21AI119480	Structure and function of EBV protein complexes that trigger epithelial cell entry	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI120819	Chemoprophylaxis for HIV Prevention: Analysis of Bone and Metabolic Effects	\$0
2016	TRELLIS BIOSCIENCE LLC	CA	R44AI120425	Therapeutic Antibodies for Biofilm Infections	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI118565	Characterization and restoration of exhausted immune responses in humanized Bone marrow-liver-thymus (BLT) mice infected with HIV-1	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI125105	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$0
2016	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$37,039
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	-\$180,653

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$0
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$0
2016	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	-\$18,795
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	-\$423,633
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$0
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$0
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI113060	Synthetically engineering population control systems in vectors of human disease	-\$87,453
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121571	Nanoparticle decoys for treating infections with enterotoxin-producing pathogens	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI115120	PLASMABLASTS, XENOBIOTICS AND LOSS OF TOLERANCE	\$0
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$0
2016	BIOVINC LLC	CA	R43AI125060	Bone targeted delivery of an antimicrobial drug for osteomyelitis therapy	\$0
2016	SUTROVAX INC	CA	R43AI122375	Development of a Universal Influenza Vaccine Produced by Cell-Free Protein Synthesis	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$0
2016	La Jolla Institute For Immunology	CA	R21AI115534	Anaphylaxis and IgE heterogeneity	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis P. aeruginosa biofilms	-\$1
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI106745	Epigenetic regulation of decidual inflammation	-\$22,730
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$941,479
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI116433	Nicking endonuclease-mediated gene drive in mosquitoes	\$0
2016	PAXVAX INC	CA	R44AI102787	HIV B-Cell Lineage Vaccine Design Based on Replicating SAd and Env Protein in NHP	\$0
2016	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI119288	Novel cyclic lipopeptides for treating gram negative bacterial infections	-\$4,532
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI118547	Impact of antibody mediated phagocytosis on HIV-1 clearance	-\$519
2016	PROSPECT CHARTERCARE RWMC LLC	CA	R03AI116402	In-vitro model to recapitulate the natural HIV-1 latency	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI117777	Very long chain fatty acid biosynthesis in Mycobacterium tuberculosis	\$0

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2016	TWO PORE GUYS INC	CA	R43AI120483	Diagnosing Active Hepatitis C Virus Infection by Electrical Detection of Protein Biomarkers using a Nanopore Device	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$18,282
2016	SOCRATES BIOSCIENCES INC	CA	R43AI126984	Cortistatin inspired agents for HIV therapy	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$0
2016	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$33,584
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	-\$265
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	-\$1,481
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$25
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	-\$21,288
2016	SIXAL INC	CA	R44AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$0
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119743	Mechanisms and role of actin-based motility in Burkholderia virulence	\$0
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI112573	A structural approach to the study of viral Immune interference mechanisms	\$0
2016	PLANET BIOTECHNOLOGY INC	CA	R44AI114023	A MERS-CoV Receptor Decoy	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI119092	Locus contraction at the Ig kappa locus	\$0
2016	OSEL, INC	CA	R43AI124960	Development of a rapid point of care diagnostic, to monitor MucoCept-CVN, an HIV-targeted biotherapy,	\$0
2016	La Jolla Institute For Immunology	CA	R21AI117530	Structural basis of UL141 mediated NK cell inhibition by HCMV	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116112	Interpreting a hard-won structure of the arenavirus prefusion glycoprotein	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$0
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	-\$2
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	-\$74,260
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$0
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$0
2016	MAPP BIOPHARMACEUTICAL INC	CA	R44AI082744	An Immunoprotectant for Marburg Virus	\$0

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2016	STANFORD UNIVERSITY	CA	R21AI117171	Tools for regulated gene expression in Entamoeba invadens	\$0
2016	AMPLYX PHARMACEUTICALS INC	CA	R44AI106235	Developing a New Therapeutic for the Treatment of Invasive Aspergillosis	-\$18,973
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	-\$129
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112714	Mechanochemical studies of adenovirus cell entry	\$0
2016	STANFORD UNIVERSITY	CA	R21AI119893	Transcription factor control of Entamoeba development	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI120838	Utility of Deep Sequencing for Detecting Heteroresistant Mycobacterium tuberculosis Infections among HIV-infected Persons	-\$130,512
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI120838	Utility of Deep Sequencing for Detecting Heteroresistant Mycobacterium tuberculosis Infections among HIV-infected Persons	\$144,306
2016	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI100376	Developing small molecule inhibitors of TLR8 for treatment of rheumatoid arthritis	\$58,707
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI118528	Developing Small Molecule Screens for Vif-APOBEC3 antagonists	\$0
2016	MAVERIX BIOMICS INC	CA	R41AI122740	Development of a Genotype-linked Antibiotic Resistance Platform for Real Time Pathogen Risk Classification and Epidemiology	\$0
2016	ABWIZ BIO, INC.	CA	R41AI124734	Blockade of histamine-releasing factor as a new prophylactic and therapeutic strategy for food allergy	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	-\$1,326,622
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	-\$43,728
2016	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI101064	Identification and evaluation of novel therapeutic targets for virus-induced neuronal disease	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$100,494
2016	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI102264	IFNGR Down Regulation as a Host Target for Therapy of Infectious Diseases	\$0
2016	COLORADO STATE UNIVERSITY	CO	R33AI100186	Metabolomics-based discovery of small molecule biomarkers for noninvasive dengue	\$0
2016	COLORADO STATE UNIVERSITY	CO	R56AI122273	Key Molecular Mechanisms of TSEs	-\$31
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	-\$1

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2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI126453	Chemical Probes for Bacteria-Macrophage Interactions	\$0
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	-\$12,866
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$20,403
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI112792	Elucidation of conformational epitopes of peanut allergens essential for allergic reactions	\$0
2016	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI126813	Sixteenth Annual Meeting of the Rocky Mountain Virology Association	\$0
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	-\$2
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	-\$33,896
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI110777	Role of Target DNA sequences in mutation and DNA Break Generation	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R56AI015614	Pathogenesis of Fever in Man	\$41,135
2016	TDA RESEARCH, INC	CO	R41AI122543	Development of Optimized Endectocide-treated Bird Feed Formulations for West Nile Virus Control	-\$104
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007447	Colorado HIV Research Training Program	-\$19,864
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	-\$74
2016	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$0
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$0
2016	YALE UNIVERSITY	CT	R56AI125411	A Cell-specific Endothelial MicroRNA Adenylation Pathway Regulates Th2 Inflammation in Asthma	-\$19
2016	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$0
2016	LIFEPHARMS INC	CT	R44AI098708	Antifungal therapy against drug resistant fungal pathogens.	\$0
2016	CONNECTICUT AGRICULTURAL EXPERIMENT STATION, THE	CT	K22AI099042	The role of autophagy in Aedes aegypti vector competence for dengue virus type 2	\$0
2016	YALE UNIVERSITY	CT	R21AI126166	Targeting Nanoparticles for Drug Delivery to Renal Graft Endothelium during Ex Vivo Normothermic Perfusion	-\$80,949
2016	YALE UNIVERSITY	CT	R34AI120909	Phase II trial of extended release exenatide (Bydureon) and teplizumab in patients with new onset Type 1 Diabetes.	-\$180,930
2016	YALE UNIVERSITY	CT	R21AI112810	Campylobacter jejuni colonization and the resident microbiota	\$0

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2016	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	-\$52,904
2016	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	-\$31,977
2016	YALE UNIVERSITY	CT	R21AI114953	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	\$0
2016	YALE UNIVERSITY	CT	R21AI112938	Probing the natural genomic diversity of Babesia microti	\$0
2016	YALE UNIVERSITY	CT	K99AI125065	Developing humanized mouse models for the study of HIV-1 latency and viral eradication	-\$1,185
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	-\$9,237
2016	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	-\$19,841
2016	YALE UNIVERSITY	CT	R21AI117333	Intrabodies that prevent or disrupt biofilms	-\$1,669
2016	AZITRA INC.	CT	R41AI130373	Topical application of heterologous protein-expressing Staphylococcus epidermidis for potential therapeutic treatment of skin diseases	\$0
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$0
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$0
2016	YALE UNIVERSITY	CT	R21AI116381	Recruitment of host noncoding RNAs by HIV-1	-\$174,975
2016	YALE UNIVERSITY	CT	R56AI125504	Vaginally-delivered Nanoparticles for Prevention and Treatment of HSV-2 Infections	-\$29,350
2016	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	-\$87,080
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$0
2016	YALE UNIVERSITY	CT	R21AI119837	The role of GILT in the generation of reactive oxygen species	\$0
2016	ALFRED I DUPONT HOSP FOR CHILD NCC-W OF THE NEMOURS FDN	DE	R21AI119841	Redirect T cell specificity to IgE-expressing B cells for severe allergic asthma	\$0
2016	UNIVERSITY OF DELAWARE	DE	R21AI119149	Helical proteomimetics to prevent HIV entry	\$0
2016	FLORIDA INTERNATIONAL UNIVERSITY	FL	K22AI112585	Identifying mosquito receptors that detect human odor	\$0
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI113470	Multivalent Bacillus mucosal vaccines against Clostridium difficile infection	-\$3,942
2016	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI115178	Targeting mosquito FREP1 protein for malaria control	-\$407
2016	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	-\$2,357
2016	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	-\$45,493
2016	UNIVERSITY OF FLORIDA	FL	R21AI116296	Modeling interactions between HIV interventions in key populations in India	\$0
2016	UNIVERSITY OF SOUTH FLORIDA	FL	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	-\$19,221
2016	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$0
2016	UNIVERSITY OF FLORIDA	FL	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	\$0
2016	UNIVERSITY OF MIAMI	FL	R21AI116346	MicroRNA Regulation of Endothelial Progenitor Senescence in HIV Infection	\$0
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI112854	Toxin Potency is Linked to Holotoxin Disassembly by Protein Disulfide Isomerase	-\$6
2016	UNIVERSITY OF FLORIDA	FL	R21AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	-\$21,839
2016	FLORIDA STATE UNIVERSITY	FL	R00AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	\$0
2016	UNIVERSITY OF FLORIDA	FL	R56AI122813	Targeting the host kinase DYRK1A to optimize reversal of HIV-1 latency in CD4 T cells	-\$2,358
2016	UNIVERSITY OF FLORIDA	FL	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	\$0
2016	UNIVERSITY OF FLORIDA	FL	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	-\$1,191
2016	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	-\$3,620
2016	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$0
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103347	Engineering DNA nanoparticles to create immune tolerance	-\$33,297
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R33AI102254	Targeting Host and Apicomplexan Isoprenoid Pathways	\$0
2016	EMORY UNIVERSITY	GA	R21AI117162	Targeting an immunomodulatory protease for adjunctive tuberculosis chemotherapy	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R33AI100246	Development of Point-of-Care Diagnostics for Norovirus	\$0
2016	EMORY UNIVERSITY	GA	R21AI113385	Respiratory Syncytial Virus G proteins to improve safety/efficacy of vaccines	-\$1
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI117102	Defining a RNA repair system conserved in pathogenic bacteria	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$69,726
2016	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	-\$68,595
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	-\$361

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2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$0
2016	EMORY UNIVERSITY	GA	R01AI110474	Study Designs for Estimating the Effectiveness of Vaccination Against Influenza	-\$1
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K22AI104800	Characterization of the arenavirus glycoprotein complex and mechanism of fusion	-\$12
2016	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	-\$761,658
2016	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	-\$36,179
2016	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	-\$6,246
2016	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$0
2016	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$0
2016	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI111242	PATHWAYS TO TROPHOBLAST CELL DEATH IN PLACENTAL MALARIA	-\$493
2016	EMORY UNIVERSITY	GA	R21AI115183	Phase variable control of Acinetobacter baumannii virulence	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI116361	Novel Preventive HIV Vaccines	\$0
2016	EMORY UNIVERSITY	GA	UH2AI122320	Development of Gleevec for TB and TB/HIV	-\$1
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	\$2,804
2016	EMORY UNIVERSITY	GA	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	-\$141
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119366	LAIV Inducing Cross Protection	-\$921
2016	EMORY UNIVERSITY	GA	R21AI118542	Experimental depletion of plasmacytoid dendritic cells in SIV infection	\$0
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R21AI124056	Diversity of intraepithelial CD8aa T cells that recognize antigens from commensal flora	-\$111,069
2016	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI120203	Streamlined Genotyping for HIV-1 Recombinants	-\$859
2016	EMORY UNIVERSITY	GA	R56AI083366	Modulation of Host Responses by Mycobacterium tuberculosis	\$0
2016	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	-\$17,553
2016	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	-\$926,958
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$0
2016	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$0

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2016	EMORY UNIVERSITY	GA	R33AI098800	ArmR: a novel drug target and mediator of antibiotic resistance	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI115339	R03 - Resolution of genome duplications in Toxoplasma gondii	-\$2,348
2016	UNIVERSITY OF HAWAII	HI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	-\$3
2016	UNIVERSITY OF HAWAII	HI	R21AI109449	Immunity to Placental Malaria: Persistence of Antibodies to VAR2CSA	-\$2,450
2016	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI118017	Cross-Protective Multivalent Vaccine for Tick-Borne Flaviviruses	\$0
2016	APTALOGIC INC	IA	R43AI118139	Detecting Ebola Virus Infections	\$0
2016	UNIVERSITY OF IOWA	IA	R21AI119160	Molecular mechanisms controlling differentiation of memory CD8 T cells	\$0
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI106329	Isolating aptamers to viral surface epitopes	\$0
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114629	Structure and mechanism of the AbgT-family transporters	-\$218,474
2016	UNIVERSITY OF IOWA	IA	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$75,105
2016	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$0
2016	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$0
2016	UNIVERSITY OF IOWA	IA	R01AI097264	Post-transcriptional regulation of Pseudomonas virulence gene expression	\$0
2016	UNIVERSITY OF IDAHO	ID	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	\$6,292
2016	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$0
2016	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	-\$252,868
2016	UNIVERSITY OF CHICAGO	IL	R21AI119297	Pan-Influenza virus inhibitors: Small molecules that disrupt host ADAR1-viral NS1 interactions	\$0
2016	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	-\$42,085
2016	UNIVERSITY OF CHICAGO	IL	R21AI115683	Diet and microbiota in type 1 diabetes	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$0
2016	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	-\$8,560
2016	NORTHWESTERN UNIVERSITY	IL	R21AI120492	Role of CTCF in HPV replication and viral DNA looping	-\$1,455
2016	SAHANE BIOTECH, INC.	IL	R41AI125039	A chimeric protein for the selective expansion of regulatory T cells	-\$21,660

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2016	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI115238	Development of gene inactivation methods for Chlamydia spp.	-\$9,815
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI120746	Screening for modulators of Tat positive feedback for biasing HIV latency	\$0
2016	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$0
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	-\$143,605
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R33AI101504	Neuronal-specific cargo-delivery platforms as post-exposure botulism therapies	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R21AI115055	Novel asthma pathogenesis genes in the mucosa of the human airways	-\$728
2016	NORTHWESTERN UNIVERSITY	IL	R21AI117082	Virulence Mechanisms of the Emerging Pathogen Stenotrophomonas maltophilia	-\$3,116
2016	UNIVERSITY OF CHICAGO	IL	R21AI115203	Regulation of stress resistance and virulence genes in Acinetobacter baumannii	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	-\$812
2016	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$2,330
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R21AI117238	Group 1 CD1-restricted Autoreactive T cells in Inflammatory Disease	\$0
2016	UNIVERSITY OF CHICAGO	IL	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	-\$10,733
2016	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	-\$31,768
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R13AI126805	The 23rd Annual Midwest Microbial Pathogenesis Conference	\$0
2016	UNIVERSITY OF CHICAGO	IL	R21AI118998	Public health targeting of PrEP at HIV positives' bridging networks	\$0
2016	UNIVERSITY OF CHICAGO	IL	R21AI119894	Analysis of the role of immune deficiency in E2A-/- T cell lymphomagenesis	\$0
2016	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	-\$58,336
2016	UNIVERSITY OF CHICAGO	IL	R21AI115388	ETS1 function in mature innate lymphoid cells	\$0
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI121279	Targeting CCR5 Incorporated Into Virus Like Particles	-\$7,949
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI105664	Bacillus-containing vacuole-mediated interactions of Bacillus anthracis with macrophages	\$0
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112298	A structural characterization of the peptide-receptive state of MHC class I	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI118434	Bacterial toxin-inspired drug delivery (BTIDD) platforms against latent HIV	\$0

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2016	NORTHSHORE UNIVERSITY HEALTHSYSTEM	IL	R21AI116659	Detection of Host Response In Clostridium Difficile Infection	\$0
2016	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$0
2016	Medosome Biotec, LLC	IN	R41AI122855	A method for accurate and sensitive detection of HIV drug-resistant minority variants	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI108393	Dissecting the role of Toxoplasma CDPK3 in parasite propagation and virulence	\$0
2016	PURDUE UNIVERSITY	IN	R21AI119479	Polysaccharide-based endotoxin antagonist for the treatment of sepsis	\$0
2016	PURDUE UNIVERSITY	IN	R01AI095366	Rapid Generation of Vaccine Candidates Against Novel Wuhan Coronavirus (SARS-CoV-2) Using the Bacteriophage T4 Nanoparticle Platform	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117198	Cyclic di-GMP-dependent regulation of metabolism and virulence in Borrelia burgdorferi	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	F30AI114284	Host Control of Viral Protein Function: Phosphorylation in the Papillomavirus E2	-\$3,896
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117145	Cis-regulatory element discovery in a sequenced mosquito genome	\$0
2016	UNIVERSITY OF NOTRE DAME	IN	R21AI111286	A network-based method for predicting gene interactions in artemisinin resistance	-\$164
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI119516	Calcium signaling in the parasitophorous vacuole of Toxoplasma gondii	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$0
2016	SUNNYLIFE PHARMA INC.	IN	R43AI122541	Structure-activity relationship of small molecule inhibitors of human papillomavirus E6 protein will be tested.	\$0
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI115187	High-throughput fluorescence screening for inhibitors of TonB-dependent iron transport	-\$1,178
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI111203	Inhibition of the Classical & Lectin Complement Pathways by Staphylococcus aureus Eap	\$0
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R56AI121366	High-throughput assays for inhibitors of the Hsp100 molecular chaperones	\$0
2016	PARATECHS CORPORATION	KY	R44AI102326	Enhanced baculovirus vectors with higher titers and increased genome stability	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI117361	Targeting NAD biosynthesis in Mycobacterium tuberculosis	-\$22
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI112618	Improving the lead rF1-V plague vaccine using an SA-4-1BBL/alum adjuvant platform	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	-\$17

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2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113348	Engineering pancreatic islets with TG? protein to overcome rejection	\$0
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI121281	A novel immunomodulatory approach to overcome innate and adaptive immune barriers to islet transplantation	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI118818	Recognition of Pneumocystis trophs by murine dendritic cells	\$0
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	-\$619
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R03AI111138	Identification of Transmission blocking epitopes on P. vivax 48/45 protein	\$0
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$0
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$0
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$0
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI116348	Cell-based Gene-therapy Targeting Residual Active HIV Reservoirs	-\$10
2016	Louisiana State University System	LA	R21AI113515	Design of a mimotope-peptide based double epitope vaccine against candidiasis	\$0
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI111086	The retropepsin-like enzyme RC1339/APRc from Rickettsiae as a potential therapeutic target for rickettsial diseases	-\$267
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	-\$2,295
2016	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	-\$62,655
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI098705	Multiplexed targeting of Pseudomonas aeruginosa essential outer membrane proteins	\$0
2016	BETH ISRAEL HOSPITAL	MA	R21AI120795	Innate Lymphoid Cell Modulation of SIV Transmission and Pathogenesis	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI112945	Chemical biological studies of pyroptotic cell death	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109303	Systems Analysis of Innate Immune Responses to Fungal-Derived Carbohydrates	\$0
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	-\$4,818
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$0
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$0

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2016	IMMUNETICS, INC	MA	R44AI098567	Rapid Test for Recent HIV Infection	-\$175,707
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	-\$141
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	-\$131,474
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117317	Lung Imaging	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI117025	Discovery of antibiotics active against multidrug resistant bacteria	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120850	Gut microbiome evolution among HIV-exposed uninfected infants in Botswana	\$0
2016	BETH ISRAEL HOSPITAL	MA	R56AI122942	TLR Therapy to Eradicate the SIV Reservoir	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124418	Immune protection against HIV by induction of CD4+ CTLs.	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R34AI125058	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$0
2016	MICROBIOTIX, INC	MA	R44AI100339	Novel Plasmodial Surface Anion Channel Inhibitors as Antimalarial Drugs	\$0
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI103701	Genetically modified HSC-HPC for management of aggressive demyelinating diseases	-\$30
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	-\$2,091
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$0
2016	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106478	Mechanism of Potent Neutralization of HIV by IgA CD4i Antibody	-\$9,240
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	-\$36,900
2016	BROAD INSTITUTE INC	MA	R21AI119296	Exploiting bacterial uptake as a universal platform for antibacterial development	-\$10,252
2016	IMMUNETICS, INC	MA	R44AI100471	Immunoassay for diagnosis of Babesia infection	\$0
2016	DETECTOGEN INC	MA	R43AI113992	Development of a protein-based antigen detection test for kala-azar	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111173	Harnessing Transcriptomics to Identify and Test Novel Hookworm Vaccine Targets	-\$1
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI120723	Role of the GI microbiome in immune responses to oral SIV-DNA+SIV-polio Vaccine	\$0

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2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	-\$18,337
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	-\$144
2016	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	-\$1,312
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$0
2016	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$0
2016	TUFTS MEDICAL CENTER	MA	R01AI103173	Critical Roles for Iron and Copper Detoxification in Borrelia Burgdorferi	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI110524	Improving clinical, operational and economic outcomes related to MRSA	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115303	Biofilm matrix-based vaccines	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI121254	Transient chimerism and allograft tolerance	\$0
2016	ENBIOTIX, INC.	MA	R43AI126978	Engineered bacteriophage as a platform to deliver nucleic acid based therapeutics to bacteria to disperse biofilms in implant-associated infections such as prosthetic joint infections	-\$4,334
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI112766	Investigating the Role of the GTPase Arl8b in Plasma Membrane Repair of Mtb-Infected Macrophages	\$0
2016	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$0
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	-\$210,397
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$0
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	-\$1,866
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI100023	Improving diagnostic capabilities for typhoid fever	\$0
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI109857	Molecular determinants of N-linked glycosylation in Campylobacter jejuni	-\$2,287
2016	MICROBIOTIX, INC	MA	R41AI118037	Lipoprotein synthesis inhibitors for multi-drug resistant Gram-negative therapy	\$0
2016	IMMUNETICS, INC	MA	R44AI091291	Rapid point of care test for Lyme serodiagnosis based on novel ultra sensitive de	-\$685,957
2016	TUFTS UNIVERSITY	MA	R21AI115038	Genetic-based susceptibility to pulmonary tuberculosis	-\$239

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	Trustees Of Boston University	MA	R21AI121256	Use of Anti-CD52g Antibodies to Prevent HIV Transmission	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119880	Interplays between ADAR1 and MDA5 in the pathogenesis of Aicardi-Goutiere Syndrome	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115173	Inference for interacting pathogens with mechanistic and phenomenological models	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$0
2016	Lyndra Therapeutics, Inc.	MA	R43AI127062	An Oral Long-Acting Doxycycline for Onchocerciasis Eradication: Process Improvement for Small Batch Manufacturing	-\$1,036
2016	MICROBIOTIX, INC	MA	R41AI118122	Novel filovirus entry inhibitors based on a pseudo-symmetrical biphenyl core	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI122291	CD1a: a novel target for IL-17-mediated inflammatory skin and gut diseases	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$0
2016	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	-\$1,359
2016	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	-\$28,262
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	-\$559,239
2016	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	-\$9,800
2016	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$0
2016	IMMUNETICS, INC	MA	R44AI102343	Molecular Detection of Invasive Fungal Infections	-\$604,856
2016	BOSTON COLLEGE	MA	R21AI117241	Experimental evolution of Toxoplasma gondii virulence	-\$1,762
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115023	The role of proteolysis in bacterial biofilm formation	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI119692	Volatile Metabolite-Based Detection of Clostridium difficile Infection	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R56AI114809	Role of F Protein Conformation in RSV Vaccine Efficacy	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$451
2016	TUFTS UNIVERSITY	MA	R21AI111317	Role of carbon availability in environmental adaptation by Borrelia burgdorferi	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$0

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2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI108629	Interferon Effector Gene Activation to Circumvent Viral Impedance	\$0
2016	TUFTS MEDICAL CENTER	MA	R21AI120932	An Ex Vivo 3-D Pre-Clinical Human Enteroid Model for Cryptosporidium	\$0
2016	TUFTS UNIVERSITY	MA	R21AI115261	Mammalian cell modulation of iron availability for an intravacuolar pathogen	-\$672
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119457	Borrelia antigen detection assay for urine-based diagnosis of early Lyme disease	-\$64
2016	Trustees Of Boston University	MA	R21AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	-\$18,937
2016	Trustees Of Boston University	MA	R21AI113715	The development of multiplexed, label-free isothermal diagnostic for rapid identification of bacterial pathogens	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI123270	The novel role of the PI3K? and ? pathways in alloimmunity	\$0
2016	Trustees Of Boston University	MA	R56AI119491	Predictive modeling of the Mycobacterium tuberculosis regulatory and metabolic networks	\$0
2016	ARC BIO, LLC	MA	R43AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	\$0
2016	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$0
2016	TUFTS UNIVERSITY	MA	R21AI107171	The prefusion form of HSV-1gB	\$0
2016	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	-\$736
2016	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	-\$128,192
2016	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	-\$2,535
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	-\$183,061
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$0
2016	BETH ISRAEL HOSPITAL	MA	R21AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	-\$50,056
2016	UNIVERSITY OF MASSACHUSETTS	MA	R34AI124826	Planning for the Metformin for TB/HIV Host-directed Therapy (METHOD) Trial	\$0
2016	KARYOPHARM THERAPEUTICS INC.	MA	R43AI124949	Evaluating the impact of novel inhibitors of nuclear pore export in SLE	\$0
2016	DAKTARI DIAGNOSTICS, INC.	MA	R44AI124964	An HIV Viral Load Assay for the Point-Of-Care	-\$649,571
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$76,160
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI115016	Functional genomics using auxin-inducible deletion analyses (AIDA)	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	-\$372,248

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101713	Genome-wide studies to identify markers of artemisinin-resistant malaria	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R03AI117169	Impact of decolonization on MRSA transmission in neonates	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI109338	Engineering Herpesviruses using Synthetic Genomics	\$0
2016	UNIVERSITY OF MARYLAND	MD	R21AI117882	New Paradigms for Ribosome Recoding in (+)Strand Viruses	-\$1,465
2016	JOHNS HOPKINS UNIVERSITY	MD	UH2AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	-\$258,936
2016	UNIVERSITY OF MARYLAND	MD	R56AI118908	Structural Analysis of the TCR-CD3 Complex and TCR Signaling	\$0
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	-\$88
2016	SANARIA INC	MD	SB1AI055229	PfSPZ Vaccines: Quality Systems, Manufacturing, Regulatory, and Clinical Quality and Data Management Support for Product Commercialization	\$22,076
2016	Emmes Company, LLC, The	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$2
2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$313,541
2016	UNIVERSITY OF MARYLAND	MD	R21AI115086	Brain dissemination of Cryptococcus neoformans mediated by neutrophils	\$0
2016	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI112763	The role of TAX1BP1 in the innate immune response to virus infection	\$0
2016	RAKTA THERAPEUTICS, INC.	MD	R41AI113998	Selective inhibitors of Heme Transporters as Antiparasitic Agents	\$0
2016	SANARIA INC	MD	R43AI118185	Development of a whole parasite Plasmodium falciparum sexual and mosquito stages Vaccine to Interrupt Malaria Transmission	\$0
2016	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI124996	A Novel Test to Measure Latent Virus in HIV-1 Infected Patients	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI122631	Role of Semaphorin 4A in Allergic Inflammation	\$0
2016	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$0
2016	KAMTEK, INC	MD	R43AI122531	In Vivo Efficacy Studies of Clofazimine against CDAD in Hamster Model	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	-\$858
2016	UNIVERSITY OF MARYLAND	MD	R03AI116380	Development of an HIV reverse transcriptase aptamer-based detection assay	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$249,383

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2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI118402	High-throughput measurement and transcriptome analysis of the latent reservoir using HIV-1 RNA flow-FISH	\$0
2016	AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC	MD	R21AI116256	Gag-mediated autophagy in HIV persistence	\$0
2016	SCANOGEN INC	MD	R43AI124871	Bloodstream infection detection directly on whole blood	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R34AI124954	Oxfendazole as a Broad Spectrum Deworming Medicine in Humans: Phase II Efficacy Study in Geohelminths	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	-\$748,586
2016	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-containing Virulence Regulators of Pathogenic Streptococci	-\$476
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	\$0
2016	ZALGEN LABS	MD	R44AI115754	Late-stage development toward commercialization of multilineage point-of-care Lassa fever diagnostics	-\$111,144
2016	REVERAGEN BIOPHARMA INC	MD	R41AI122780	Effectiveness of VBP15, a dissociative steroidal analogue, on chronic inflammation in a mouse model of multiple sclerosis	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119540	The Role of a Dehalogenase in Drosophila Spermatogenesis	\$0
2016	UNIVERSITY OF MARYLAND	MD	R21AI115383	Newcastle Disease Virus Vected Vaccine against Poliomyelitis	\$0
2016	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$0
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111101	Contribution of Certhrax to Virulence of Anthrax-like Bacillus cereus Strain	-\$662
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$536
2016	SCANOGEN INC	MD	R43AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	-\$71
2016	JOHNS HOPKINS UNIVERSITY	MD	R34AI123023	HOPE in Action: HIV-to-HIV Solid Organ Transplantation in the US	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R56AI118791	Anaphylatoxin regulation of the IL-33-ILC2 axis	-\$4,693
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI125260	ADCC and functional cure in SIV infection	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R37AI033142	Molecular Characterization of C. neoformans Antibodies	-\$22,567

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$0
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$0
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	\$0
2016	ZALGEN LABS	MD	R44AI088843	Recombinant antigen diagnostics for filoviruses	-\$6,191
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI113475	Diagnosis of Strongyloides stercoralis by detection of DNA fragments in urine	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	-\$59,930
2016	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI118470	A Flexible Approach to Inhibiting HIV NCp7	-\$197
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110843	Development of a prototype Klebsiella O polysaccharide conjugate vaccine	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI114925	Bacterial penetration of the blood-brain barrier	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	-\$3
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI115217	Phosphotyrosine-mediated regulation of enterohemorrhagic E. coli virulence	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$0
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111072	LAMPoles for Dengue Diagnosis	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119633	Microbiota Transplantation: Recommendations for a Regulatory Framework	-\$3,326
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$0
2016	Regents of the University of Michigan	MI	R21AI110907	Development of a human norovirus cell culture model	\$0
2016	MICHIGAN STATE UNIVERSITY	MI	R03AI111054	Virus like particles as carriers for carbohydrate based anti-Salmonella vaccines	\$0
2016	Regents of the University of Michigan	MI	R56AI127070	Elicitation of mucosal immune responses against HIV	-\$224
2016	Regents of the University of Michigan	MI	R56AI123262	Accommodation in Transplantation	\$0
2016	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$0
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI111192	Disease dynamics of campylobacteriosis in the ferret model	\$0
2016	Regents of the University of Michigan	MI	R21AI116416	T. GONDII CHLOROQUINE RESISTANCE TRANSPORTER AND REDOX	\$0
2016	Regents of the University of Michigan	MI	R21AI114220	Respiratory viral infection and microRNA in children with asthma	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	Regents of the University of Michigan	MI	R33AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$0
2016	Regents of the University of Michigan	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$0
2016	Regents of the University of Michigan	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$0
2016	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	-\$128,288
2016	Regents of the University of Michigan	MI	K08AI101008	The development and function of CD8+ innate-like lymphocytes	-\$2,029
2016	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$0
2016	Regents of the University of Michigan	MI	R21AI115117	B Cell Exosome and Nanoparticle Treatment of Allergic Asthma	\$0
2016	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$0
2016	UNIVERSITY OF MINNESOTA	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI119896	Capturing Alphavirus Pre-Fusion Intermediates on a TEM Grid	-\$13,582
2016	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	-\$110,032
2016	MAYO CLINIC	MN	R21AI114833	Measles virus as a tool for iPSC-independent tissue specific reprogramming	\$0
2016	MAYO CLINIC	MN	R21AI116839	Enhanced Ascertainment of Asthma Status Via Natural Language Processing	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R34AI118416	Epitope mismatch and medication nonadherence	-\$1,582
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125821	(Re)generating new drug leads for schistosomiasis	-\$27,790
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$0
2016	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	-\$111,893
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	-\$83,657
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI113406	Developing methods to engineer therapeutic proteases	\$0
2016	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R21AI115416	Infection Prevention in Total Knee Replacement	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI114722	The role of bile acid metabolism recovery in treatment of C. difficile infection	\$0
2016	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	-\$945

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	SAINT LOUIS UNIVERSITY	MO	R21AI112919	Next Generation Sequencing based analysis of RNA polymerase functions	-\$18
2016	WASHINGTON UNIVERSITY	MO	R21AI115442	NOVEL ANTIVIRAL IMMUNITY IN C. ELEGANS	\$0
2016	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$0
2016	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	-\$8,983
2016	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	-\$492
2016	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	-\$1
2016	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$0
2016	WASHINGTON UNIVERSITY	MO	R21AI119506	MECHANISMS OF EXTRACORPOREAL PHOTOPHERESIS IN THE TREATMENT OF LUNG ALLOGRAFT REJECTION	\$0
2016	WASHINGTON UNIVERSITY	MO	R21AI119684	CYCLIC PEPTIDE INHIBITORS OF BACTERIAL TYPE IV SECRETION SYSTEMS	-\$31
2016	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	-\$63,973
2016	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	-\$1
2016	SAINT LOUIS UNIVERSITY	MO	R01AI104494	A screen for antiviral compounds targeting the Hepatitis B Virus ribonuclease H	-\$451
2016	WASHINGTON UNIVERSITY	MO	R21AI115734	CHROMATIN-BASED DISCOVERY AND FUNCTION OF NOVEL TCR REGULATORY ELEMENTS	-\$263
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R03AI109334	Micro-evolution of Arthritogenic Mycoplasma hominis in a Single Patient	\$0
2016	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	-\$20,287
2016	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	-\$1,424
2016	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	-\$1
2016	WASHINGTON UNIVERSITY	MO	K22AI119367	Memory CD8 T cell-mediated antiviral protection of the peripheral nervous system	\$0
2016	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$0
2016	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$0
2016	MONTANA STATE UNIVERSITY	MT	R21AI119772	Development of novel, safe and efficacious Coxiella burnetii vaccine	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	MONTANA STATE UNIVERSITY	MT	R03AI126271	Optimization of a murine model of the human vaginal microbiome: A much needed tool for understanding the connections between vaginal microbes and host health	-\$2,121
2016	UNIVERSITY OF MONTANA	MT	R21AI120490	Characterization of the pH-sensing interface of the arenavirus envelope glycoprotein GPC	-\$3
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$0
2016	AGILE SCIENCES INC	NC	R44AI092952	Development of novel anti-biofilm compounds for treating chronic wounds	\$0
2016	CELL MICROSYSTEMS INC	NC	R41AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	-\$2,015
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI125560	Enhancing efficacy of pertussis vaccines	-\$130,528
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	-\$885,714
2016	Duke University	NC	R21AI111067	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	-\$8,387
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI116384	Assessing the HIV care cascade in a large southern prison system	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI118292	Elucidating the Mechanistic Basis of H. capsulatum-Macrophage Interactions	-\$56,118
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	-\$26,605
2016	Duke University	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$35
2016	Duke University	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$0
2016	Duke University	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$0
2016	Duke University	NC	R34AI122958	Optimizing treatment for E. faecalis infective endocarditis: ampicillin plus ceftriaxone versus ampicillin plus gentamicin	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	-\$85,747
2016	AGILE SCIENCES INC	NC	R44AI120250	Small molecules as antibiotic potentiating agents against multi-drug resistant Gram-negative infections	\$0
2016	Duke University	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI044667	Biological Properties of HIV-1 V3 Evolutionary Variants	\$4,020
2016	Duke University	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$0
2016	Duke University	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	EAST CAROLINA UNIVERSITY	NC	R21AI113014	Discovery and characterization of novel flagellar proteins in <i>Borrelia burgdorferi</i>	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI117575	Genetic and mechanistic dissection of a lethal systemic virus infection	\$0
2016	Duke University	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$0
2016	AGILE SCIENCES INC	NC	R41AI115915	Small Molecule Antibiotic Potentiators for Drug-Resistant Bacteria	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115205	Effectiveness and Safety of Tdap Immunization in Pregnancy	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	\$0
2016	Duke University	NC	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	-\$190,240
2016	Duke University	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malaria	-\$1,946
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$0
2016	Duke University	NC	R21AI115438	Defining the structural mechanisms of Hfq binding to cognate nucleic acids	\$0
2016	COLLABORATIONS PHARMACEUTICALS, INC.	NC	R41AI122434	Optimization of small molecule triazine antituberculars for in vivo efficacy	-\$90
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115752	Human CD8+ T Cell Tolerance by Nondepleting Humanized CD8-Specific Antibody	-\$14
2016	Duke University	NC	R21AI119707	Regulation of T cell exhaustion by microRNA-720	\$0
2016	Duke University	NC	R01AI068804	Host Susceptibility to <i>S. aureus</i>	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	-\$1
2016	Duke University	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	-\$15
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113736	RSV, Keratins and Distal Airway Infection	\$0
2016	REDBUD LABS INC	NC	R43AI124930	Device for rapid extraction of rare pathogens from raw samples	\$0
2016	MUCOMMUNE, LLC	NC	R41AI122472	Delivery of pathogen-trapping antibodies for vaginal protection	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	-\$61,956
2016	ALTRAVAX INC	ND	R43AI112264	Development of a Universal Influenza B Vaccine	\$0
2016	DARTMOUTH COLLEGE	NH	R21AI115253	Transcription Factor Targets of Cdk8 Dependent Signaling in <i>C. albicans</i>	-\$1
2016	DARTMOUTH COLLEGE	NH	R01AI025096	Genetic Determinants of Virulence in <i>Vibrio cholerae</i>	\$0
2016	DARTMOUTH COLLEGE	NH	R21AI107293	A killed whole-cell one dose cholera vaccine	\$0

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2016	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$0
2016	DARTMOUTH COLLEGE	NH	R01AI106937	The role of CshA and CshB in selective mRNA protection in S. aureus	\$0
2016	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$0
2016	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$9,531
2016	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	-\$1
2016	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	-\$1
2016	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$0
2016	DARTMOUTH COLLEGE	NH	R21AI119579	Regulation of SsrA-mediated proteolysis of S. aureus	-\$10
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV -1 Transmission and Inhibition	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120615	Control of cytokine production by human NK cells	\$0
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI119321	Drug development targeting influenza A cap-snatching endonuclease	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115204	Regulation of ubiquitin-proteasome in Cryptococcus pathogenesis	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$0
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI117510	A Novel RNA Recognition Site on the Influenza B Virus NS1 Protein	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117127	Novel Notch Pathways Govern HHV-8 Reactivation	\$0
2016	PRINCETON UNIVERSITY	NJ	R21AI115075	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	\$0
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI115105	Amplified detection of viral RNA using catalytic DNA logic circuits	-\$3,042
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	UH2AI122313	Autophagy-based HDT for tuberculosis	-\$1,725
2016	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI115291	Bik Promotes Cleavage of Viral Proteins to Enhance Influenza A Virus Infection	\$0
2016	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	-\$182,807
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKCtheta in T cell and T-ALL migration	-\$35
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	-\$3,359
2016	MESA TECH INTERNATIONAL INC	NM	R44AI093018	Rapid, disposable, nucleic acid diagnostic device for multiplexed point of care f	\$0
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	-\$65,672

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2016	DXDISCOVERY INC	NV	R44AI109891	Point-of-care immunoassay for early diagnosis of pertussis	-\$46,837
2016	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R21AI116411	A novel high-throughput functional screen based upon chimeric minimotif decoys	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	-\$46,127
2016	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	-\$14,963
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$0
2016	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI115382	Analyzing dendritic cell development by inducible lineage tracing	\$0
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI115091	Molecular dissection of vesiculogenesis in Mycobacterium tuberculosis	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI117131	The Pseudomonas aeruginosa protease CtpA and type 3 secretion	-\$5
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI059738	Molecular mechanisms of T cell anergy	-\$30
2016	SUNY, STONY BROOK	NY	R21AI113587	Regulation of Alternative Pre-mRNA Splicing by the Adenovirus L4-22K Protein	-\$4,141
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R13AI126789	The 4th Annual Meeting of the International Cytokine and Interferon Society (ICIS)	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R03AI122126	Human Milk Cytokines and Oligosaccharides in Development of Allergic Diseases	-\$4,801
2016	CORNELL UNIVERSITY	NY	R21AI117595	Cellular Metabolism in Lymphocytes in ME/CFS	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$4,280
2016	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	-\$110,451
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$336
2016	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	-\$42,945
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	-\$61,205
2016	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	-\$77,630
2016	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	-\$59
2016	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$0

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2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109903	Molecular Regulation of Germinal Center B Lymphocytes	-\$5,996
2016	UNIVERSITY OF ROCHESTER	NY	R01AI110764	Molecular mechanisms of caspofungin resistance in the pathogen Candida albicans	\$0
2016	CUNY, RESEARCH FOUNDATION	NY	SC2AI116566	Mechanobiology of Neisseria Microcolonies	\$0
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI117641	Tolerance-inducing properties of human dendritic cell subsets in vivo	\$0
2016	SUNY, BUFFALO	NY	R21AI118519	Oxygen Sensing by the AIDS Opportunist Pathogen, Toxoplasma gondii	-\$284
2016	SUNY, STONY BROOK	NY	R21AI119316	Novel Inhibitors of DNA Ligase LigA by Substrate-Assisted Tethered Inhibition	\$0
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$0
2016	COLD SPRING HARBOR LABORATORY	NY	R13AI127269	Cold Spring Harbor Laboratory Conference on HIV/AIDS Research:Its History and Future	\$0
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$0
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	-\$135
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI120690	Mother Infant Retention Across the Option B plus Cascade	-\$357
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R03AI119225	CD8 T Cell Epitope Mapping Using Mice Expressing HLA-A2 and a Human Autoantigen	-\$5
2016	HEALTH RESEARCH, INC.	NY	R21AI111045	Mechanism of MALT1 Regulation by a Novel Ubiquitin Ligase	\$0
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI122332	Immune response to combined liver and bone marrow transplant for tolerance in NHP	\$0
2016	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$0
2016	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$0
2016	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	-\$428,191
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	-\$511
2016	CORNELL UNIVERSITY	NY	R21AI117295	Single-molecule Imaging of Tripartite Membrane Efflux Pumps in Live Bacteria	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R21AI114837	Genetic screen for fungal triggers of the NLRP-3-inflammasome in macrophages	-\$2,164
2016	HEALTH RESEARCH, INC.	NY	R21AI117158	Empirically Defining Gene Architecture and Expression of M. Tuberculosis	\$0

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2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI119304	Chemical intervention of influenza virus RNA nuclear export	-\$108,551
2016	UNIVERSITY OF ROCHESTER	NY	R21AI116285	The Origin and Fate of Human HIV-Specific Plasma Cells Following Vaccination	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	-\$107
2016	ROCHESTER GENERAL HOSPITAL	NY	R03AI113649	Immunogenicity of Moraxella catarrhalis vaccine candidates in children	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI125173	Targeting HIV persistence in CD4+ T memory stem cells	\$0
2016	CORNELL UNIVERSITY	NY	R56AI122811	Do HIV-infected Alveolar Macrophages represent a cART-resistant Reservoir?	-\$29,235
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	-\$275,256
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$0
2016	POPULATION COUNCIL, INC	NY	R01AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$0
2016	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$0
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	-\$308
2016	HEALTH RESEARCH, INC.	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$0
2016	HEALTH RESEARCH, INC.	NY	R21AI119427	Characterization of the Abundant Small Proteome of Mycobacteria	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R56AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$0
2016	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$36,888
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$0
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	-\$96,739
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$0
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$0
2016	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	-\$1,185

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2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI119672	Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis	-\$1,829
2016	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R21AI117695	Targeting factor B to prevent transplant rejection	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	-\$12,692
2016	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	-\$2,048
2016	SUNY, STONY BROOK	NY	R21AI114259	Development of antibodies to capsule of carbapenem resistant Klebsiella pneumonia	-\$23
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI095094	Toxoplasma gondii: cyst wall	-\$3
2016	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	-\$11,522
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI099567	Enhancing RNAi delivery in vivo	-\$80
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$0
2016	JAN BIOTECH, INC.	NY	R43AI124956	Development of a Control Kit for Latent HIV Diagnostics	\$0
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$0
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	-\$171
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	-\$4,092
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI112423	High throughput screening for inhibitors of HIV virological synapses	\$0
2016	New York Blood Center, Inc.	NY	R56AI118936	Functional interplay between Brugia and its Wolbachia symbiont	\$0
2016	UNIVERSITY OF ROCHESTER	NY	F32AI126634	Allelic heterozygosity in Candida albicans Zn(2)Cys6 transcription factor function	-\$7,574
2016	UNIVERSITY OF ROCHESTER	NY	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	-\$24,347
2016	SUNY, BUFFALO	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	-\$81,151
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	-\$77
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	-\$1,520
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI115544	The essential role of RasGRP1 in B1 cell autoreactivity and autoimmunity	-\$36,685
2016	INNOVIMMUNE BIOTHERAPEUTICS HOLDING, LLC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$0
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI113514	An Adjuvant-Independent Dual-Targeted (Multi-Function) Mucosal Vaccine Platform	\$0

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2016	SUNY, STONY BROOK	NY	R21AI115069	Mechanism of TolC in the virulence of Francisella tularensis	-\$98
2016	SUNY, BUFFALO	NY	F32AI112254	Secretory cargo selection by p24 transmembrane proteins in African Trypanosomes	-\$12,070
2016	CUNY, RESEARCH FOUNDATION	NY	R03AI117671	Conversion of DNA nuclease activation during both damage and infection	\$0
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	-\$628,775
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$0
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI119415	The Role of US28 During HCMV Latency	\$0
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	-\$1,047
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$0
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI119236	The role of TET1 in childhood asthma	\$0
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$149,148
2016	OHIO STATE UNIVERSITY	OH	R21AI126082	IL-10 as a host modifier of PZA activity	-\$33,421
2016	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	-\$6,205
2016	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	-\$3,717
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	-\$55
2016	UNIVERSITY OF CINCINNATI	OH	R56AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	-\$302,893
2016	OHIO STATE UNIVERSITY	OH	R21AI117122	Histoplasma mannoprotein discovery and virulence role of O-linked mannosylation	\$0
2016	OHIO STATE UNIVERSITY	OH	R21AI113477	Human susceptibility to Legionella infection	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI121196	Role of Protein Ubiquitination in Sepsis	-\$112,180
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$0
2016	UNIVERSITY OF CINCINNATI	OH	R21AI115358	Antigen metabolomics for mucosal-associated invariant T cells in tuberculosis	-\$1,314
2016	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$0
2016	GUILD ASSOCIATES INC	OH	R01AI111535	Detection of Biodefense Pathogens Using Phage Diagnostics	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI119287	A Novel Folate Antagonistic Strategy to Treat Drug Resistant Pseudomonas aeruginosa and Enterobacteriaceae	\$0
2016	OHIO STATE UNIVERSITY	OH	R56AI127667	Mechanisms of HIV-1 RNA Methylation in Regulating Viral Replication	-\$570

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2016	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	-\$11,157
2016	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	-\$35
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$0
2016	OHIO STATE UNIVERSITY	OH	R21AI111125	Role of PRMT5 in HTLV-1 transformation and disease	\$0
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$0
2016	UNIVERSITY OF CINCINNATI	OH	R21AI116389	Revealing networks targeted by HSV-1 ncRNAs with in vivo gain-of-function studies	\$0
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI107176	Localizing functional variants in SLE susceptibility genes	\$0
2016	OKLAHOMA STATE UNIVERSITY	OK	R21AI121591	MicroRNA-193b regulation of influenza virus replication	\$0
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	-\$37,753
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	-\$16,819
2016	IMMUNO-MYCOLOGICS INC	OK	R44AI096945	Lateral Flow Assay for Diagnosis of Histoplasmosis	\$0
2016	UNIVERSITY OF OKLAHOMA	OK	R01AI101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$0
2016	DESIGNMEDIX INC	OR	R42AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112328	Nucleoside-Nucleobase Transporters in the Biology and Pathogenesis of T. cruzi	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI113074	The MmpL11 interactome	\$0
2016	OREGON STATE UNIVERSITY	OR	R21AI111201	High-density linkage map to find snail genes that block schistosome transmission	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	-\$1,038
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI119439	Evaluating corralling and the effect of dung beetles on transmission and control of cysticercosis	-\$5
2016	DESIGNMEDIX INC	OR	R41AI118089	High-potency nitro antimicrobials for topical treatment of trichomoniasis	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114822	The Role of the Kharon Complex in Leishmania Virulence	\$0
2016	REED COLLEGE	OR	R21AI115193	Pch Super Family Regulators of Gram-Negative Pathogens	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI117156	Developing low-background inducible expression technology for Leishmania donovani	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114842	Development of Drugs that Target the Malaria Hexose Transporter	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI116107	T cell response to fibroblast-trophic CMV vaccine in humans	\$0
2016	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117282	Separation of GVHD and GVT effects by a TCR signaling mutation	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$28
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI111115	Characterization of microRNA binding sites in the eastern equine encephalitis virus 3'NTR	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$0
2016	PHELIX THERAPEUTICS LLC	PA	R01AI097273	A host protein network necessary for parasite cytolysis	-\$3,552
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI117429	Generation and characterization of human B1 B cells induced by Lin28b reprogramming of adult hematopoietic progenitors	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117100	Novel approaches to propagate molluscum contagiosum virus in cell culture	\$0
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI119433	Mechanisms for cccDNA Formation and Persistence	\$0
2016	DREXEL UNIVERSITY	PA	R56AI118415	Design, optimization and mechanism of action of novel HIV-1 entry inhibitors	\$0
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	-\$8,771
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI111037	Evolution of KPC-K pneumoniae that persist in patients on prolonged antibiotics	-\$701
2016	UNIVERSITY OF PENNSYLVANIA	PA	F31AI114227	Understanding the role of IL-22 in cutaneous leishmaniasis	-\$6,849
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI113050	Alveolar macrophage protein interactions in response to SP-A and infection	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	K22AI108719	Regulation of commensal-specific T cells during gastrointestinal inflammation	-\$20
2016	HSIRI THERAPEUTICS LLC	PA	R43AI124764	Structural Modification of Daptomycin to Allow Anti-Pseudomonas Activity	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R56AI121270	Regulation of bacterial polysaccharide-specific B cell responses	\$0
2016	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	-\$1,399
2016	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$0

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2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI110848	Class II Processing and Presentation During Secondary Responses to Influenza	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114080	The Role of Myeloid Lineage Cells in Leishmaniasis	-\$13,290
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI113220	The REL gene and human autoimmune diseases	\$0
2016	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI115759	Development of Small Molecule Therapeutics Against Smallpox and Other Poxviruses	\$0
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI118589	Enhancing the Properties of HIV-1 Integrase and Determination of its Structure in Complex with DNA Substrates	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	-\$38,650
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular mechanisms of eastern equine encephalitis virus pathogenesis	-\$1,132
2016	DREXEL UNIVERSITY	PA	R56AI028398	Mitochondrial Functions in Malaria Parasites	-\$7,546
2016	UNIVERSITY OF PITTSBURGH	PA	R34AI123033	Dendritic Cell (DCreg) Therapy in Live Donor Renal Transplant Recipients	-\$422
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115710	Control of plasma cell longevity by the IRE1 pathway	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$90
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	-\$110
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI115230	Poxviruses and Pro-Resolving Lipids	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI116746	Contribution of TFH and of TREG cells to DSA generation in sensitized KTx recipients	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R21AI113819	Exploiting an artificial APC to induce different T cell subsets	\$0
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI120812	Estimation and Projection of HIV/AIDS Epidemics	-\$220
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	-\$12,048
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$500
2016	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI118431	Viral and Immune Dynamics of Rebound Viremia after VRC01 Administration	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI119042	Enhancing Neutrophil Responses to Counter MDR Gram Negative Bacterial Pneumonia	\$0
2016	VENATORX PHARMACEUTICALS INC	PA	R43AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	-\$1
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI120777	Using Biomarkers to Understand the HIV Epidemic in a Community Sample of Black MSM	-\$69,968
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$0
2016	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$0

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2016	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R03AI115412	Toll-like receptor signaling in B1b memory	-\$32
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R33AI102104	Host-Oriented Therapeutics Targeting Filovirus Budding.	\$0
2016	HEPATITIS B FOUNDATION	PA	R13AI124562	2016 Internatinal Meeting o the Molecular Biology of Hepatitis B Viruses	-\$7,000
2016	VIRONIKA LLC	PA	R43AI127117	Development of a Small Molecule Inhibitor for EBV Lytic Reactivation	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	-\$45,953
2016	RHODE ISLAND HOSPITAL	RI	R56AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$0
2016	RHODE ISLAND HOSPITAL	RI	R01AI101274	Schistosome Vaccines	\$0
2016	RHODE ISLAND HOSPITAL	RI	R21AI113394	Hepatitis B virus transcriptional interference and liver cancer-related mutations	\$0
2016	BROWN UNIVERSITY	RI	R56AI124461	NK Cell STAT3 and Virus-induced IL-6 Disease	\$0
2016	BROWN UNIVERSITY	RI	R56AI120830	Pathways contributing to racial disparities in HIV virologic response	\$0
2016	BROWN UNIVERSITY	RI	R21AI115089	The role of structural inheritance in the positioning of the T. brucei flagellum	\$0
2016	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	-\$22,834
2016	BROWN UNIVERSITY	RI	R21AI116309	Acceptability of PrEP for HIV Prevention among HIV-positive and HIV-negative Adolescents	\$0
2016	RHODE ISLAND HOSPITAL	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	-\$39,244
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI021758	Vaccinia DNA Replication	\$0
2016	NUBAD LLC	SC	R43AI118110	Development of Aminoglycoside-Nucleic Acid Conjugates for Inactivation of an Antibiotic Resistance-Confering Aminoglycoside Sensing Riboswitch	\$0
2016	CLEMSON UNIVERSITY	SC	R21AI108287	Translational Control of Encystation in the Entamoebae	\$0
2016	UNIVERSITY OF SOUTH DAKOTA	SD	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	-\$7,579
2016	UNIVERSITY OF TENNESSEE	TN	R01AI103053	Evolutonary Mechanisms of RNA Virus Host Switching	-\$84,172
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI116808	Group A Streptococcal Vaccine Containing Immunogenic Peptides of Streptolysin S	-\$1
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	-\$35,012

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2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	-\$176
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	-\$121,414
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	-\$150,299
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	-\$184,188
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI125324	Quantifying and Validating Immune Response Dynamics for Influenza and Viral-Bacterial Pneumonias	-\$325,291
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI104352	Tuberculosis Risk and Highly Active Antiretroviral Therapy Initiation	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI115419	Characterization of CD8a cells as a novel immune population of the intestines	-\$3,041
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	-\$34,795
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R56AI118361	Fluoroquinolones and Efflux-Mediated Cross Resistance in HIV-related TB	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	K25AI100946	Bacterial Virulence Factors	\$34,795
2016	MEHARRY MEDICAL COLLEGE	TN	R56AI122960	Role of the Viral Capsid in HIV-1 Integration.	\$0
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI115419	Characterization of CD8a cells as a novel immune population of the intestines	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114339	A Competition Binding Assay for Identifying Novel HIV-1 Capsid Ligands	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R56AI125324	Quantifying and Validating Immune Response Dynamics for Influenza and Viral-Bacterial Pneumonias	\$325,291
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$0
2016	TEXAS TECH UNIVERSITY	TX	R21AI119782	Discovery of New Anti-amoeba Therapeutics	-\$82,190
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI098724	Novel gene-silencing therapeutics for multidrug-resistant gram-negative pathogens	\$0
2016	OMM SCIENTIFIC INC	TX	R41AI115897	Development of a Broad Spectrum Antiviral for Ebola and Marburg viral Infections	\$0
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119710	Developing Therapeutics against Giardia and Other Anaerobic Protozoa by Targeting Parasite Fatty Acyl-CoA Synthetase (ACS)	-\$297
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115138	Identification and disruption of mosquito heme transporters	\$0

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2016	PARATUS DIAGNOSTICS	TX	R41AI126965	A sample-to-answer diagnostic cartridge that identifies influenza using a glucometer	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$265,988
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	-\$61,286
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI113508	The Twort-like bacteriophages of Staphylococcus aureus: paradigm phages for novel therapeutics	\$0
2016	LUMINOSTICS, INC.	TX	R43AI118180	A smartphone-based point-of-care test for detection of Chlamydia trachomatis	\$0
2016	ATRAPOS THERAPEUTICS, LLC	TX	R41AI125007	STAT Inhibitors for Asthma Therapy	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	-\$48,809
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	-\$1,611
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI114927	Genetics of bacteria-mediated viral co-infection	-\$582
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117368	Dysregulated type-1 and Vascular Responses in Scrub typhus Pathogenesis	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$29,719
2016	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI115451	Synthetic neoglycopeptides as Chagas disease vaccine	-\$4
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114877	Prevalence of Chagas in Patients with Dilated Cardiomyopathy	-\$565
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117615	Immunization with a Novel Single Cycle Flavivirus Particle Vector and Antigenic Peptide Nanofibers as a Prime-boost Vaccine Strategy against HSV-2	-\$2,910
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI119572	CRASP-mediated Serum Resistance by Borrelia burgdorferi	\$0
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	-\$180,186
2016	BAYLOR COLLEGE OF MEDICINE	TX	R03AI126100	Seroprevalence and Transmission Sources of Trypanosoma cruzi among South Texas residents.	-\$936
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	-\$183,321
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI109465	Targeting Heme Transporters for Improved Vaccines against Anthrax	\$0

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115231	Riboregulation in Pathogenic Rickettsiae	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113407	Next Generation sequencing of yellow fever 17D vaccine virus	\$0
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI120027	Role of Grail in maintaining humoral immune tolerance	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117299	Evolution of the Morphology-Virulence Relationship in Candida Species	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$0
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115175	The genetics of behavioral resistance in Anopheles gambiae (M)	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI118051	Mycoplasma pneumoniae CARDS toxin mediated ADP-ribosylation of NLRP3 inflammasome	-\$740
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI102267	Bioavailable proteasome inhibitors as broad-spectrum antivirals	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI111000	Defining the role of lymphotoxin signaling in viral-induced lung immunopathology	-\$770
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI119775	Development of a safe and valid surrogate to study Lassa virus	-\$6,607
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI117442	Lactobacillus reuteri treatment for Treg-deficiency Autoimmune Disease	-\$43,486
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI120900	Functional impact of long non-coding RNA expression on HIV control	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114335	Mechanisms of Action of Novel HIV Rev Co-factors	-\$309
2016	LYNNTECH, INC	TX	R43AI126957	A Non Toxic solution to develop next generation of insecticidal bed nets	\$0
2016	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	-\$67,582
2016	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	-\$793
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI118228	Targeted-delivery of small interference RNA against anthrax (1 R21 AI118228-01A1)	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in Borrelia burgdorferi	-\$77,206
2016	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI107415	Design of Point of Care Device for the Rapid Diagnosis of Pertussis	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115449	Ehrlichia modulation of polycomb group-dependent epigenetic regulation	\$0

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	-\$884
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117341	Pan-Fungal Essential Gene Discovery for Antifungal Targeting	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI117220	Clostridium difficile Immunity: Role of IGA and GALT	-\$532
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$33,421
2016	UTAH STATE UNIVERSITY	UT	R33AI101483	Targeting induction of calcium buffer proteins for treatment of viral encephaliti	-\$27,237
2016	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$0
2016	GLYCOMIRA LLC	UT	R43AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$0
2016	UNIVERSITY OF UTAH	UT	R21AI114462	Role of Zfp318 in the functional development of B cells	-\$111
2016	NAVIGEN INC	UT	R43AI120414	Highly specific anti-toxin therapies for severe bacterial gut infections	\$0
2016	UNIVERSITY OF UTAH	UT	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$0
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	-\$14,910
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115986	Novel Innate Receptor for the Fungal PAMP chitin	\$0
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	-\$194,185
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	-\$30,654
2016	GATACA LLC	VA	R43AI122785	Development of a tool for the whole genome de novo assembly of hepatitis B virus (HBV) populations	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	-\$29,713
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	-\$149
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI111189	Dissecting the role of fimbrial repertoire in Enteroaggregative Escherichia coli	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	-\$54,151
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	-\$8,133
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$0
2016	GEORGE MASON UNIVERSITY	VA	R21AI117425	Microparticles for Directing Immune Cell Trafficking	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$111,893
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI099097	Bacillus anthracis Targets Involved in Chemokine-Mediated Antimicrobial Activity	-\$225
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI117397	Neutrophils and adaptive immunity against invasive aspergillosis	\$0
2016	HAMPTON UNIVERSITY	VA	R33AI102223	Host Vascular Mechanism for Therapeutic Protection against Select Pathogens	\$0
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI117654	E. coli ST131-H30 colonization: defining community and population level antagonism in the gastrointestinal microbiome	-\$1
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI115152	Structure of cytomegalovirus nuclease, UL98	\$0
2016	PARABON NANOLABS INC	VA	R41AI118522	Optimizing Vaccines by Targeting Dendritic Cells with IFN α and IFN β Inducing Adjuvants	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI114734	Role of IL-23 in the Immunopathogenesis of C. difficile colitis	-\$1
2016	UNIVERSITY OF VERMONT	VT	R21AI119974	A host genetic locus that regulates susceptibility to influenza infection.	\$0
2016	UNIVERSITY OF VERMONT	VT	R56AI116255	IL-6 as a regulator of mitochondria function in T cells	-\$1
2016	UNIVERSITY OF VERMONT	VT	R21AI115458	Erythroid cell modulation of T cell function	-\$2
2016	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$2,870,156
2016	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	-\$146,919
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	-\$5,714
2016	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	-\$20
2016	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114923	Elucidating the function of a novel antibacterial amidase in Ixodes scapularis	\$0
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI115474	Pre-transplant vaccination against pulmonary viral infection	-\$71,899
2016	KINETA INC	WA	R41AI122566	Therapeutic Potential of the Potassium Channel Inhibitor SHK-186 for Pediatric Lupus	\$0
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R00AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	\$7

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2016	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	-\$3,055
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	-\$254
2016	THE GENEVA FOUNDATION	WA	R33AI101387	Targeting Cellular Processes to Counter the Effects of BoNT Intoxication	-\$12,470
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI107252	Anti-HBV therapeutics based on rare-cutting targeted endonucleases	\$0
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$9,834
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$0
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI113803	CD8 T Cell Intrinsic Role of MicroRNA-17~92 in TCR Signaling	\$0
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	-\$25,348
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$26,687
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$0
2016	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$10,254
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	-\$50,921
2016	INBIOS INTERNATIONAL, INC	WA	R42AI102482	Antigen Detection assay for the Diagnosis of Melioidosis	\$0
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	-\$9,397
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI113635	Regulation of CD8 T cell memory by autocrine IL-2	\$0
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115157	Inactivating Inhibitors of Mycobacterium tuberculosis beta-lactamase BlaC	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119715	Drug Design Targeting ProRS in Anaerobic Parasites	\$0
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115244	Regulation of Chlamydia trachomatis development via the stringent response	\$0
2016	VIRVIO INC	WA	R41AI122431	Optimization of a computationally designed antiviral for influenza	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114827	Sessile Kupffer Cells in Liver Tolerance	\$0
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI107626	Phenoxyalkylimidazoles for use against persistent and replicating M. tuberculosis	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119258	Mucosally-delivered HA stem binding antiviral for influenza	-\$35,593
2016	UNIVERSITY OF WASHINGTON	WA	R21AI115706	Asyrcytes, sleep and neuroinflammation	\$0

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2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	-\$329
2016	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	-\$3,035
2016	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	-\$52
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$8,751
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	-\$12,239
2016	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$0
2016	WASHINGTON STATE UNIVERSITY	WA	R03AI113619	BLOCKING HSV INFECTION WITH BORTEZOMIB	\$0
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	-\$45,848
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	-\$81,616
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	-\$110,759
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI114277	Mechanisms of RNA regulation in the persistence of the AIDS pathogen Toxoplasma	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI116007	Understanding the impact of human NKT cells on hematopoiesis	\$0
2016	LUCIGEN CORP	WI	R43AI124889	Rapid and Simple Device for Point-of-Care Molecular Detection of Arboviruses	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	-\$554,524
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	\$0
2016	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI126810	Mucosal Immunology Course & Symposium (MICS)	-\$4,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	-\$165,111
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	-\$5,113
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$0
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI111025	Type II-NDHs in M. tuberculosis respiration and persistence	\$0

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2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$1
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	-\$1,211
2016	LUCIGEN CORP	WI	R33AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$0
2016	TASSO INC	WI	R43AI122474	Integrated sample collection-to-preparation platform for multianalyte POC detection	-\$3
2015	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	-\$55,106
2015	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPER	\$0
2015	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	-\$13,653
2015	UNIVERSITY OF MONTREAL HOSPITAL		R21AI113096	TILDA: A new sensitive and precise assay to measure the size of the latent HIV reservoir	\$0
2015	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$0
2015	WITS HEALTH CONSORTIUM		R21AI116015	Combining Xpert and GIS to identify areas of high tuberculosis transmission	-\$6,463
2015	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI020384	Genetic Analysis of Rickettsia prowazekii	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI102187	Host Factors Required for Dengue and Yellow Fever Virus Amplification	-\$73
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI107748	Role of TGFBR3 in T-cell development and immune response	-\$22
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	-\$120,062
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104499	HTS for Synergistic Activators of Latent HIV-1 Infection	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	-\$19,882
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI113026	Tet1 activity and function in helper T cells	-\$34,852
2015	UNIVERSITY OF ARIZONA	AZ	R21AI113526	TLR3, TICAM1 and human rhinovirus infection	-\$139
2015	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	-\$393
2015	UNIVERSITY OF ARIZONA	AZ	R01AI091843	On the Edge: Dengue and Climate	-\$10,005
2015	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	-\$41,088
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	-\$5,572
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	-\$15
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	-\$25
2015	NEWOMICS INC	CA	R43AI106100	Senescence-Chips for Radiation Biodosimetry	\$0

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2015	PANORAMA RESEARCH, INC	CA	R43AI120433	Monoclonal antibody for autoimmune disease	-\$5,648
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R56AI021362	Viral Gastroenteritis: Basis of Virulence and Protection	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	-\$1,910
2015	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$0
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109545	Metronidazole resistance in Bacteroides fragilis: an integrated approach	-\$227
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI114397	Involvement of the C-terminus of HIV-1 Vpu in Enhancement of Virion Release	-\$7,054
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$0
2015	La Jolla Institute For Immunology	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$0
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	-\$218,443
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096852	Metabolic Regulation of T cell Immunity	\$0
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R56AI116342	Tissue Reservoirs of HIV in Victims of Sudden Death	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	-\$30,787
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$0
2015	PROSCI INC	CA	R43AI112484	Genetic Scaffolds Targeting the HIV Glycan Shield for an HIV Vaccine.	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI117675	Exploiting sites of vulnerability on influenza viruses	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$180,653
2015	VLP BIOTECH INC	CA	R41AI106153	A molecularly targeted pre- and post-exposure vaccine for anthrax	-\$161
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI108953	Longitudinal and functional dynamics of autoimmune gut microbiomes	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114433	Gene engineering using CRISPR/Cas9 mutagenesis to eliminate latent HIV-1	-\$157
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$0
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI104513	Transmission pathways of the food-borne carcinogen Opisthorchis viverrini	-\$4,142
2015	UNIVERSITY OF CALIFORNIA	CA	R56AI120739	Impact of chronic viral infections and altered microbiota on HIV vaccine efficacy	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI065902	New approaches to study Pseudomonas-host interactions	-\$3

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2015	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$0
2015	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	-\$2,645
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI102715	The impact of antibody and pH on female-to-male SIV infection	\$0
2015	OSEL, INC	CA	R44AI100753	Delivery of passive immunity against HIV using commensal vaginal Lactobacillus bioengineered to secrete broadly neutralizing domain antibodies	-\$123,291
2015	SILVER LAKE RESEARCH CORPORATION	CA	R41AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$0
2015	MONOGRAM BIOSCIENCES INC	CA	R21AI114399	Assessing Potential Latent Virus HIV-1 Viability using Next Generation Sequencing	-\$758
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101784	Targeting iron acquisition in Salmonella with siderophore-based immunization	-\$20
2015	PLANET BIOTECHNOLOGY INC	CA	R44AI114023	A MERS-CoV Receptor Decoy	\$163
2015	STANFORD UNIVERSITY	CA	R01AI093282	Novel disposable microchips for HIV-1 viral load	-\$949
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI076278	Innate immune response to bacterial flagellins	-\$48
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	-\$4
2015	THE UNIVERSITY CORPORATION	CA	SC2AI109500	Engineering isobutylamine N-hydroxylase for applications in antibiotic biosynthes	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095587	Host-Pathogen interactions between Salmonella and Toll-like receptors	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$178,318
2015	PRIMITY INC	CA	R44AI091284	Cell-Based Screening for Multi-Functional Chemokine Receptor Modulators	-\$251
2015	MAPP BIOPHARMACEUTICAL INC	CA	R43AI114069	A human monoclonal for RSV prophylaxis	-\$48,440
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI109499	Engineering Mesenchymal Stem Cell Microenvironments to Promote Immunomodulation	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112375	T follicular regulatory cells, a potential HIV reservoir.	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI099029	Mapping the Critical Epitopes of Ara h 2 and Ara h 6	-\$94
2015	COLORADO STATE UNIVERSITY	CO	R21AI105585	siRNA-nanoparticles host targeted immunotherapy for tuberculosis	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	-\$11,779
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	-\$60,344

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2015	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$74
2015	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	-\$99
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	-\$20,403
2015	YALE UNIVERSITY	CT	R56AI110449	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	-\$437
2015	YALE UNIVERSITY	CT	R56AI114859	Borrelia Miyamotoi Infection in Mice and Humans	-\$6,194
2015	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$0
2015	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	-\$211,134
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$0
2015	YALE UNIVERSITY	CT	R21AI109263	Expanding the toolbox for tsetse reproductive biology	-\$118
2015	L2DIAGNOSTICS, LLC	CT	R41AI114064	RNA Detection as an Improved Diagnostic Assay for Human Leptospirosis	\$0
2015	L2DIAGNOSTICS, LLC	CT	R41AI112133	A Multivalent Lyme Disease Vaccine Targeting Tick-Host-Pathogen Interactions	\$0
2015	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R44AI091089	Synthetic microparticle malaria vaccine	\$0
2015	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI102725	Potent Phage T4 Derived V2 Immunogens as HIV Vaccines	-\$155
2015	GEORGETOWN UNIVERSITY	DC	R21AI109185	Development of West Nile Virus/Broad Spectrum Flavivirus Protease Inhibitors	-\$7,954
2015	UNIVERSITY OF DELAWARE	DE	R21AI109555	Bacteriophage-host dynamics as a factor in the etiology of bacterial vaginosis	\$0
2015	UNIVERSITY OF DELAWARE	DE	R21AI110288	HIV 2-LTR Dynamics and Cryptic Viremia	\$0
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI107455	Defining epitopes of Plasmodium vivax RBP that are potential vaccine targets	-\$3,870
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI102560	A novel zebrafish embryo model to define virulence factors of Bartonella henselae	-\$285
2015	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	-\$899
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	-\$2
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109530	Extreme Resistance to Mitochondrial Inhibitors in Plasmodium falciparum	-\$17
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI105099	Novel non-natural oligomers that mimic the structure and function of bioactive peptides	\$0
2015	EMORY UNIVERSITY	GA	R21AI116200	Targeting SIV reservoirs with type I Interferons	\$0
2015	MICROBIAL MEDICAL INC	GA	R43AI114174	Diagnosis of Bacterial Infections with Maltodextrins	-\$42,580
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	-\$9,269

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2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$45
2015	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	-\$30,786
2015	EMORY UNIVERSITY	GA	R21AI111388	Intestinal M Cells and Secretory IgA Response to Defined Gut Microbiota	-\$77
2015	EMORY UNIVERSITY	GA	R21AI103651	Mechanism of Phosphorylcholation of EF-Tu on Pseudomonas aeruginosa	-\$416
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI107943	Flagellin-Induced Antiviral Activity	\$0
2015	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI088023	Spatiotemporal control of reactive oxygen species in T cells	-\$1,060
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	-\$2
2015	EMORY UNIVERSITY	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	-\$45
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI108265	Making benznidazole a better drug for Chagas disease	\$0
2015	EMORY UNIVERSITY	GA	R56AI117851	Targeting beta-catenin to disrupt the T memory stem cell reservoir	\$0
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI113018	The role of ATF3 in thymus involution	-\$130
2015	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$0
2015	EMORY UNIVERSITY	GA	R01AI106715	A Molecular-Social Network Investigation of HIV-HCV Co-infection in Chinese MSM	\$0
2015	EMORY UNIVERSITY	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	-\$2,807
2015	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$0
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI114283	In vivo reporters of gene expression	\$0
2015	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	-\$144,897
2015	UNIVERSITY OF IDAHO	ID	R21AI113617	Nucleoid structure and energy metabolism in chlamydial gene expression	-\$4,109
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI106590	Immune function and mechanism of Tim3 expression and Tim3+ T cells in TB & HIV+TB	-\$10
2015	NOVALEX THERAPEUTICS, INC.	IL	R41AI110090	Development of Novel S. aureus Antibiotics with Reduced Resistance Susceptibility	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R34AI118493	Effectiveness, Safety and Value of Integrating Molecular Diagnostics into the Post-Transplant Management of Kidney Transplant Recipients - The Next Frontier of Biomarker Research	-\$1,325
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI105573	Novel Peptides Against Modified Heparan Sulfate	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	-\$27,950
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI114501	Online media and structural influences on new HIV/STI Cases in the US (2006-2020)	-\$628
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$0
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI095488	Peptide-Based Quorum Sensing Controlling Virulence in Bacillus anthracis	\$0
2015	NOVALEX THERAPEUTICS, INC.	IL	R41AI112114	Development of broad spectrum Hepatitis C Virus NS3/4A protease inhibitors	-\$2,368
2015	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	-\$2,330
2015	NORTHWESTERN UNIVERSITY	IL	R21AI113916	Proteomic Predictors of Chronic Kidney Disease in Liver Transplant Recipients	-\$9,561
2015	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	-\$43,314
2015	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	-\$21,553
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI103872	Transcript networks and crowdsourcing to predict drug combinations in malaria par	\$0
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	-\$78
2015	PURDUE UNIVERSITY	IN	R56AI114861	Repurposing auranofin as antimicrobial to treat staphylococcal infections	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	-\$1
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI113547	Functional Domains of Borrelia burgdorferi Virulence Factor OspC	-\$207
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI094797	Characterization of PTMs on Env to support HIV vaccine development	\$0
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI101231	An enterotoxigenic E. coli protein that antagonizes the NF-kappaB pathway	\$0
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$0
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI117876	The role of Perforin-2 in Chlamydia pathogenesis	-\$5,908
2015	MOSQUITOMATE INC	KY	R44AI098179	Biological vector control reducing arboviruses, including Dengue and Chikungunya	\$0
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI113253	Regulation of hyaluronic acid capsule biosynthesis in Streptococcus pyogenes	-\$2,628
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	-\$4,043
2015	FASCURE THERAPEUTICS LLC	KY	R41AI120353	Improving the therapeutic efficacy of a lead vaccine against plague using a novel adjuvant system	\$0
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113386	Effect of the gut microbiota on malaria	-\$11,187

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2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI116198	Targeting Macrophage Reservoirs in the Macaque Model of Pediatric AIDS	-\$5,754
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	-\$789
2015	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	-\$118
2015	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	-\$40,873
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	-\$245
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	-\$474
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110264	Test and Treat TB: A Proof of Concept Trial in South Africa	-\$5,183
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI114223	Function of DepTOR in T Cell Activation and Alloimmunity	\$0
2015	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	-\$10,926
2015	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$0
2015	SYMBIOTIX BIOTHERAPIES INC	MA	R42AI110170	Novel commensal polysaccharide treats multiple sclerosis through Treg modulation	\$0
2015	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R21AI109896	Maltoheptaose based nanotherapeutics for multidrug resistant bacterial infection	-\$5,186
2015	WOODS HOLE OCEANOGRAPHIC INSTITUTE	MA	R21AI119311	Discovery and development of RND pump inhibitors from marine microbial sources	-\$67
2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$18,337
2015	BROAD INSTITUTE INC	MA	R21AI112704	Development of a small molecule probe targeting non-replicating M. tuberculosis	-\$774
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI101545	Bacterial cell envelope in polar positioning of autotransporter proteins	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	-\$451
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099473	Human copy number polymorphism and severe malaria	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	-\$8,969
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	-\$10,729
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	-\$5,503
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	-\$951

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2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$0
2015	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$2,535
2015	IMMUNETICS, INC	MA	R21AI111297	Characterization of Innate Binding Specificities of Peptidoglycan Binding Protein	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113484	Shigella repression of innate immunity early during infection	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	-\$2,996
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$0
2015	Trustees Of Boston University	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	-\$194,044
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	-\$2
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113458	Laser-facilitated powder-allergen delivery for epicutaneous immunotherapy	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R56AI114525	Using pluripotent stem cells to study gene dosage-dependent immunodeficiency	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type I diabetes	\$0
2015	BOSTON MEDICAL CENTER	MA	R56AI118682	Identification of Signals Required for the Establishment of HIV Infection and Latency	-\$1,389
2015	BOSTON MEDICAL CENTER	MA	R21AI108447	Novel compounds that target HIV latency	-\$3,738
2015	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	-\$742
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI106178	Mechanistic Studies of the Function of Desmosterol Homeostasis in HCV Replication	\$0
2015	MICROBIOTIX, INC	MA	R43AI113993	Small Molecule Inhibitors of trans-Translation with Broad Spectrum Antibacterial	\$0
2015	BOSTON COLLEGE	MA	R56AI110690	Dissecting the mechanism and regulation of Toxoplasma cytokinesis	-\$3,016
2015	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	-\$22,076
2015	Emmes Company, LLC, The	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	-\$2
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$0
2015	UNIVERSITY OF MARYLAND	MD	R01AI106998	A semi field trial test on efficacy of transgenic antimalarial biocontrol fungi	-\$24
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI109657	Prospective Cohort Study of Cryptococcosis	-\$12,399
2015	SANARIA INC	MD	U01AI109700	PfSPZ Challenge with Chemoprophylaxis: Phase 1 Trial to Assess Liver Stage Drug	\$0

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammation	-\$536
2015	JOHNS HOPKINS UNIVERSITY	MD	R33AI094519	Mucus Penetrating Particles for Rectal Microbicides	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI110229	Genetic Polymorphisms in Rhesus Macaque FcRn and Association with IgG Levels	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI108535	Toxin-antitoxins & RpsA in TB drug resistance & persistence with HIV	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI116233	Purging the latent HIV reservoir at ART initiation: A new eradication strategy	-\$1,415
2015	AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH	MD	R56AI119168	Defining the Immunomodulatory Niche of Schistosoma haematobium IPSE	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	-\$3,242
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	-\$16,345
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106586	HBV Response to Tenofovir or Lamivudine-Based ART in HIV-HBV Co-Infected Chinese	\$0
2015	PLANTVAX INC	MD	R43AI118485	Augmentation of HIV Env vaccine efficacy by DC targeting	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	-\$2,160
2015	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	-\$9,823
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	-\$3,644
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102966	Advancement of a Defined, Protective, Live Attenuated Tularemia Vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106613	The Role of Cell Wall Lipids in Pathogenesis of Rifampin-Resistant TB	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R03AI109297	Manganese-iron interactions in the Lyme disease pathogen Borrelia burgdorferi	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$230
2015	JOHNS HOPKINS UNIVERSITY	MD	R56AI118445	Kupffer Cells and HIV-1 Persistence	-\$313
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	-\$18,521
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109062	Lineage Commitment of Mesenchymal Stem Cell in Allergen-induced Airway Remodeling	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109388	Herpesvirus Deubiquitylase: Virion Substrates and Autocatalytic Activity	\$0

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2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102680	FcRn-targeted mucosal HIV vaccine	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109187	B Cell immunodeficiency in BENTA disease	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI114288	Long-Term Inhibition of HIV transcription by targeting cellular CDK9 in vivo.	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109405	Transcriptional Control of Helicobacter pylori Virulence	\$0
2015	JACKSON LABORATORY (THE)	ME	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$0
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	-\$99,153
2015	WAYNE STATE UNIVERSITY	MI	R21AI109266	Impact of daptomycin dose exposure on biofilm embedded Enterococci resistance	-\$3,307
2015	Regents of the University of Michigan	MI	R21AI111182	Homocitrate Synthase Inhibitors as Novel Antifungal Agents for Aspergillus	\$0
2015	Regents of the University of Michigan	MI	R56AI120954	Molecular Mechanisms of HIV Innate Immune Evasion	\$0
2015	Regents of the University of Michigan	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$0
2015	Regents of the University of Michigan	MI	R56AI049294	Organization and function of a type II secretion complex	\$0
2015	Regents of the University of Michigan	MI	R21AI107184	Genome-wide identification of virulence genes in Acinetobacter baumannii in vivo	-\$2,281
2015	NOTA LABORATORIES LLC	MI	R41AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions For Treatment/Prevention of Rhinosinusitis	-\$5,178
2015	Regents of the University of Michigan	MI	R01AI094563	Sexual Modulation of HIV-Revelant Vaginal Immunity	-\$6,104
2015	SYNTIRON LLC	MN	R43AI109845	A Novel Vaccine to Prevent Urinary Tract Infections	\$0
2015	MAYO CLINIC	MN	R01AI091594	Novel Electrochemical Bandage for Treatment of Wound Infections	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$0
2015	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	-\$149,311
2015	UNIVERSITY OF MINNESOTA	MN	R21AI116211	Therapeutic vaccination targeting SIV viral reservoirs	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI114013	Preclinical Evaluation of a Novel rLCMV Single-Cycle Vectored CMV Vaccine	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI091974	Preclinical Assessment of Novel Combination Therapy to Restore and Prolong Regula	\$0
2015	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$0
2015	HENNEPIN LIFE SCIENCES	MN	R43AI120329	Novel Agents to Prevent Urinary Tract Infections	-\$12,477
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	-\$13,874
2015	WASHINGTON UNIVERSITY	MO	R56AI114593	REGULATION OF LYMPHOCYTE METABOLISM AND HOMEOSTATIS BY THE C-MYC/AP4 AXIS	-\$173

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2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	-\$2
2015	WASHINGTON UNIVERSITY	MO	R21AI109623	GLYCAN PRECURSOR TRANSPORT IN CRYPTOCOCCUS NEOFORMANS	-\$702
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112782	Transgenic Resistance of Aedes aegypti to the Four Serotypes of Dengue Virus	-\$76
2015	WASHINGTON UNIVERSITY	MO	R01AI094098	DESIGNING SELECTIVE INHIBITORS OF CALCIUM-DEPENDENT KINASES IN PARASITES	\$0
2015	UNIVERSITY OF MONTANA	MT	R15AI119798	Role of GroEL in pathological angiogenesis during bartonellosis	\$0
2015	MONTANA STATE UNIVERSITY	MT	K22AI106948	Understanding the bottleneck on axon-to-cell spread of alphaherpesviruses	-\$1
2015	Duke University	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$0
2015	Duke University	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	-\$112,298
2015	Duke University	NC	R01AI102747	Mucosal vaccination to protect against HIV-1 infection at mucosal sites	-\$48,256
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	-\$358,249
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	-\$13,738
2015	AGILE SCIENCES INC	NC	R42AI098192	Anti-biofilm agents for the treatment of pulmonary infection in cystic fibrosis p	\$0
2015	Duke University	NC	R01AI093257	Evolution of Cryptococcus neoformans Strains from Patients with HIV/AIDS	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100067	Molecular Mechanisms Associated with Immune Maturation in Infants	-\$3,194
2015	EAST CAROLINA UNIVERSITY	NC	R21AI112745	Manganese transport and virulence in Brucella	-\$4,804
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113124	New and Simple Assay to Measure Latent HIV Reservoir Using Deep Sequencing Method	-\$252
2015	CLINICAL SENSORS, INC.	NC	R41AI112064	Nitric Oxide Microfluidic Sensor	\$0
2015	UNIVERSITY OF NORTH DAKOTA	ND	R21AI107457	Identification of protective proteins of Francisella using a novel comparative im	-\$6,003
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	-\$1,074
2015	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	-\$1
2015	CREIGHTON UNIVERSITY	NE	R15AI118550	Integrase inhibitor combination nanomicrobicide for prevention of HIV infection	\$0
2015	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	-\$9,531
2015	DARTMOUTH COLLEGE	NH	R01AI102691	Applying High-Performance Protein Engineering Tools to HIV Immunogen Design	-\$1

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2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$0
2015	PRINCETON UNIVERSITY	NJ	R01AI097382	Mechanisms and consequences of metabolic manipulation by human cytomegalovirus	-\$74
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI113368	Mechanism of GPCR Signaling-mediated Fungal Cell Gigantism	\$0
2015	BIOINCEPT, LLC	NJ	R41AI120546	Treatment of Acute Radiation Syndrome using PIF, a Natural Immune Modulator	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111453	mRNA-binding proteome in Trypanosoma brucei	\$0
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI102718	Optimizing protective vaccine targets in the V1/V2 domain of HIV-1 gp120	\$0
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI097154	Three-Dimensional Molecular Tracking of IgE-Fc {epsilon}RI in Live Cells	-\$92,327
2015	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R01AI098853	Microfluidic Platform for Multiplexed Diagnostics	-\$1,901
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	-\$15
2015	DXDISCOVERY INC	NV	R41AI114049	Identification of Borrelia burgdorferi diagnostic biomarkers in humans and nonhum	\$0
2015	DXDISCOVERY INC	NV	R43AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$46,837
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	-\$333,258
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	-\$336
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R01AI102730	Yeast Genetic Approach to Enhance the Immunogenicity of HIV Envelope Glycoprotein	-\$1,982
2015	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	-\$40,517
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	-\$212
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$0
2015	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	-\$5,196

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2015	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	-\$9,344
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI109410	A NEW HUMANIZED MOUSE MODEL OF CHRONIC HEPATITIS B	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$0
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	-\$70
2015	UNIVERSITY OF ROCHESTER	NY	R01AI103507	Development of AK-based assays for antimicrobial screening	\$0
2015	ROCKEFELLER UNIVERSITY	NY	R56AI119062	Antigen presentation in the intestine: initiating events in oral tolerance	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R56AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$0
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI050234	Role of pfcr1 in chloroquine resistance in P. falciparum	-\$325,593
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI111020	R21 Orphan nuclear receptors	\$0
2015	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$0
2015	CODAGENIX INC	NY	R43AI109924	Ultra-low dose Influenza vaccines	\$0
2015	CORNELL UNIVERSITY	NY	R21AI111085	Spike protein cleavage-activation and emergence of coronaviruses with extended tr	-\$842
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI120724	Microbial Discovery and Immunity in ME/CFS	\$0
2015	SUNY, BUFFALO	NY	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$0
2015	CODAGENIX INC	NY	R41AI109911	Live-attenuated ETEC Anti-Diarrhea Vaccine Construction via Synthetic Biology	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R21AI112717	Enhanced Live Attenuated Influenza Virus With Improved Safety and Immunogenicity	\$0
2015	CORNELL UNIVERSITY	NY	R21AI108958	Selective Aryl Hydrocarbon Receptor Modulators and T cell Effector Function	\$0
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI116863	Quantitative modeling of the collective tuning of T cell activation.	\$0
2015	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$428,191
2015	CERAMIDE THERAPEUTICS LLC	NY	R43AI106283	Single-chain antibody countermeasures for the Radiation GI Syndrome	-\$73,763
2015	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R21AI113565	Maturation of adenovirus via a new type of biochemistry	-\$30,797
2015	New York University	NY	R56AI118453	The contribution of unintegrated HIV-1 to latency and to models of latency	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$0
2015	UNIVERSITY OF ROCHESTER	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	-\$79
2015	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI105751	Chronic Fatigue Syndrome, Immune Dysregulation, and Non-Hodgkin's Lymphoma	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R21AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	-\$4,280
2015	New York University	NY	R56AI122000	Application of a syndemic framework to HPV and HSV infection in emergent adult men	-\$8,095
2015	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R56AI051340	IRES-mediated translation initiation on viral mRNAs	-\$3,606
2015	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$0
2015	OHIO STATE UNIVERSITY	OH	R21AI113462	Conserved complement binding to bacterial porins	-\$17,777
2015	WRIGHT STATE UNIVERSITY	OH	R15AI090625	Isoform-specific Regulation of the Coxsackie and Adenovirus Receptor in Polarized Epithelia	\$0
2015	OHIO STATE UNIVERSITY	OH	R01AI093570	Function of human lung mucosal hydrolases during M. tuberculosis infection	-\$5,242
2015	UNIVERSITY OF CINCINNATI	OH	R21AI107244	Proteasome subunit beta5t and thymus-specific peptides in T cell selection	-\$6,550
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI113930	Modulating Nrf2-Reguated GSH Production to Prevent Hospital-Acquired Infections	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$0
2015	OHIO STATE UNIVERSITY	OH	R21AI109437	Target identification and structure optimization of novel thiazole antifungals	\$0
2015	OHIO STATE UNIVERSITY	OH	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	\$0
2015	OHIO STATE UNIVERSITY	OH	R21AI105588	Mechanistic study of human placental infection by Listeria monocytogenes	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI098511	B cell immunity in HIV exposed uninfected infants in Kenya	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI109512	Characterization of a Sox2 pathway in postembryonic schistosome parasites	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107147	Schistosome Transfection Using A Cationic Polymer	\$0
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI112662	Prophenoloxidasases of Anopheles gambiae	\$0
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI113539	Structure-function studies on a key signaling module from interleukin 17 receptor	\$0
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	-\$106
2015	VITI INC	OR	R44AI091267	A CD8+ T cell diagnostic to identify children with pulmonary tuberculosis	\$0

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2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI114664	Mtb regulators of essential and virulence-associated MmpLs	-\$213
2015	OREGON STATE UNIVERSITY	OR	R21AI109435	NhaP-type cation-proton antiporters in Vibrio cholerae and Yersinia pestis	\$0
2015	OREGON STATE UNIVERSITY	OR	U01AI109695	Anti-IL-12p40 Treatment of CVID Enteropathy: Gene Expression/Microbiota Analysis	\$243,503
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$6,455
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI106270	A Novel Therapeutic for Invasive Candidiasis	\$0
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI109561	Detection of M. paratuberculosis in Crohn's Disease	-\$1,735
2015	VENATORX PHARMACEUTICALS INC	PA	R44AI096679	Preserving beta-lactam utility vs pathogens producing any class of beta-lactamase	-\$297
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111175	ReMOT Control of mosquito transgenesis	-\$330
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI109239	Directed differentiation of HBV-specific CTL from iPSC for cell-based therapies	-\$6,208
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111419	Radical strategies for inhibiting the antibiotic resistance protein, Cfr	-\$678
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	-\$500
2015	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	-\$28
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103785	Innate Immune Regulation of Intracellular Pathways Involved in Filovirus Budding	-\$744
2015	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI113000	A Biomaterial Approach to Attenuate Rejection of Skin Allografts	-\$4,157
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI104121	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM INFLUENZA A VIRUS	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI079047	Cellular and molecular mechanisms of HSC dysfunction in chronic inflammation	-\$532
2015	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	-\$29,119
2015	DREXEL UNIVERSITY	PA	R01AI106633	Antiviral Synergism of Inhibitors Targeting HIV-1 Env and Host Cell Co-Receptors	-\$1,374
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116216	An ex vivo model to predict outcomes and probe mechanism of anti-reservoir agents	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	-\$28,677
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$0
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI114972	Vitamin A mediated protection from gastrointestinal infection	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI109217	Role of BAFFR in antigen-specific B1b cell persistence	-\$3,247
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	-\$90
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	-\$6,492

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2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	-\$10,330
2015	VENATORX PHARMACEUTICALS INC	PA	R44AI096613	Phase II SBIR: Responding to NDM-1 - Advancement of a new MBL inhibitor to IND	-\$1
2015	VIRONIKA LLC	PA	R44AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$0
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI113952	DEVELOPMENT OF SMALL MOLECULE THERAPEUTICS AGAINST RNA VIRUSES	\$0
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI111208	Functional Analysis of Candidate Genes in Primary T Cell Immunodeficiencies	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI111091	Regulation of membrane fusion in macrophage phagocytosis	\$0
2015	LENIMA FIELD DIAGNOSTICS LLC	PA	R41AI120445	A Low-Cost Portable Multiplex Serum Molecular Test for HBV and HCV Detection	\$0
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R56AI119026	Immune sensing of ischemic injury and complement-dependent modulation of alloimmunity in cardiac transplantation	-\$162
2015	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	-\$3,891
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	-\$3,804
2015	NUBAD LLC	SC	R41AI114114	Development of Peptide Antibiotic Nucleic Acids	\$0
2015	TISSUE TESTING TECHNOLOGIES LLC	SC	R43AI114486	Immunogenicity of wild-type pig tissues after ice-free cryopreservation in genetically engineered recipients	\$0
2015	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI107379	Study of Novel Influenza C Virus	\$0
2015	UNIVERSITY OF TENNESSEE	TN	R01AI105690	Screen for phosphatidylserine synthase inhibitors: antifungals & lipid probes	-\$50
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$11,011
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	-\$35,156
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI100643	Mechanical basis of T cell receptor triggering	\$0
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	-\$27,445
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI109690	Novel biochemical and functional targets of PARP	-\$216
2015	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	-\$80,083
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	-\$145
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107135	The use of the pregnant sheep model in vaccine safety studies against brucellosis	-\$15,274
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI106731	FlhE as a probe for the flagellar Type III secretion pore	-\$272

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2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI103668	Bacterial-type hexokinase (HK) in the opportunistic parasite Cryptosporidium parv	-\$8,056
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F32AI109834	The role of host RNA-binding proteins in regulating dengue virus replication	-\$511
2015	LYNNTECH, INC	TX	R43AI113950	Antimicrobial Microbead Containing Topical Gel for Burn Wound Disinfection	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116173	Role of P-TEFB in HIV latency	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	-\$350,472
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI103036	Targeting Entry Pathways in Leishmaniasis	-\$63
2015	BAYLOR COLLEGE OF MEDICINE	TX	K22AI104761	Parameters T-Cell Receptor avidity during thymic selection in autoimmune diabetes	\$0
2015	KJ BIOSCIENCES LLC	TX	R43AI108072	A novel broad-spectrum influenza vaccine	\$0
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI095293	Bacillus Anthracis and Complement	-\$2,644
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI106958	The role of indolamine2,3-dioxygenase in the host response/pathogenesis of Venezu	\$0
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113724	SK channel antagonists as novel bronchodilators for asthma	\$0
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$0
2015	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	-\$24,255
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	-\$33,421
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI110214	Susceptibility of antigen-specific CD4 T cells to HIV: implications for HIV vacci	-\$469
2015	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI113585	Microvesicle Isolation from Mycobacterium tuberculosis infected macrophage using	-\$185
2015	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI116864	Mycobacterium tuberculosis proliferation and its regulation	-\$1,745
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in P. Chabaudi Malaria	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106574	Inhibition of HIV by GPI-anchored Antibody Derivatives	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109127	A novel anti-inflammatory role for the neutrophil NADPH oxidase	\$0
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	-\$14,784

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2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$0
2015	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI109630	Inhibition of neutrophil responses by ecSOD	-\$2,719
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109090	Prediction and Classification of Allergenicity in a Protein Family	-\$320
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	-\$29,719
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107419	Malnutrition-related Lymph Node Dysfunction and Risk of Visceral Leishmaniasis	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101413	Mechanisms of Cytosolic Clearance of Rickettsiae	-\$2,676
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI111042	Role of Reactive Oxygen Species in Nipah Virus Pathogenesis	-\$1,847
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI103652	Study Sox4 regulated genes in B cell development in a novel in vitro system	\$0
2015	GEORGE MASON UNIVERSITY	VA	R21AI114490	Effect of novel cdk9 inhibitor on HIV transcription	-\$1
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$0
2015	ALEXANDER BIODISCOVERIES LLC	VA	R44AI084244	Novel anti-viral agents to treat influenza	-\$9
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109391	Characterization of a Type II secretion system in a Gram-positive pathogen	-\$8,220
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	-\$1
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI113806	Characterization of Regulated Intron Retention in T Cell Activation	-\$138
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI110889	Gonococcal Nuclease Mediated Escape from Neutrophil Extracellular Traps	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI100799	An Evaluation of Treatment with Omalizumab to Improve the Asthmatic Response to a	-\$2
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109111	Stabilization and regulation of a Bacillus anthracis spore lytic enzyme	-\$21,204
2015	GEORGE WASHINGTON UNIVERSITY	VA	R33AI093179	A novel APOBEC-based vaccine approach for HIV	\$0
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R00AI104828	Impact of herpesvirus protein kinases on host protein modification	\$0
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI108978	Molecular mechanism of TIRAP membrane targeting	-\$2,475
2015	KINETA INC	WA	R01AI093387	Antiviral Drugs for Arenaviruses	\$0
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	-\$68,451
2015	WASHINGTON STATE UNIVERSITY	WA	R00AI106963	Conserved Immune Response to Sensing Cytosolic DNA	\$0

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2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	-\$600
2015	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	-\$15,566
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	-\$8,751
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	-\$3,228
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	-\$23,687
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	-\$9,834
2015	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	-\$350,085
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	-\$924
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI095652	High throughput assays to detect inhibition of a key M. tuberculosis protease	-\$19,138
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	-\$11
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI109118	Nanoformulation of Synergistic TLR Ligands to Enhance Amebiasis Vaccine Efficacy	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	-\$6,811
2015	UNIVERSITY OF WASHINGTON	WA	R01AI101084	Silencing and Counter-Silencing of Salmonella Virulence Genes	\$0
2015	UNIVERSITY OF WASHINGTON	WA	R56AI034501	Structural Biology of Type II Protein Secretion by Bacterial Cells	\$0
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$146,716
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	-\$2,750
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$0
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109649	Adhesion of Leptospira interrogans to the Renal Proximal Tubule	-\$32
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	-\$64
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	-\$1
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$3,862

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2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	-\$4,083
2015	WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE	WV	R03AI116423	Cellular expression and regulation of interleukin-27 in the neonatal immune system	-\$40,052
2015	UNIVERSITY OF WYOMING	WY	R56AI118483	Impact of Fc glycosylation profile on HIV-specific bNAb functions	\$0
2014	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	-\$93,937
2014	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$0
2014	SOUTHAMPTON UNIVERSITY		R21AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	-\$8,330
2014	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI102187	Host Factors Required for Dengue and Yellow Fever Virus Amplification	-\$8,163
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	-\$7,961
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$0
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	-\$716
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$0
2014	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	-\$45,213
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	-\$830,461
2014	UNIVERSITY OF SAN FRANCISCO	CA	R15AI111232	Modification of Host Chemokine Responses by Human Cytomegalovirus	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095038	Multifunctional Human Anti-HIV Antibodies	\$0
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI052065	HIV AND HCV DISEASE PROGRESSION IN WOMEN ON HAART	-\$37,573
2014	SAN FRANCISCO STATE UNIV	CA	R15AI106466	Geospatial Research on HIV Treatment in San Francisco	\$0
2014	STANFORD UNIVERSITY	CA	R56AI111460	Advancing a Novel Pangenotypic Inhibitor of Human Influenza Virus to an IND	-\$1,920
2014	OP-T-MUNE INC	CO	R41AI113977	Developing a new treatment for MS: Controlling CD40 in EAE	\$0
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI101193	Do the B2 and Alu ncRNAs Repress Host Cell mRNA Transcription During HSV-1 Infection	-\$35
2014	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	-\$407
2014	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$0

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2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI097210	Mechanisms of Impaired Mycobacteria Sensing by TLR2 and TLR4 Polymorphic Variants	\$0
2014	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$0
2014	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$11,587
2014	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	-\$41,638
2014	YALE UNIVERSITY	CT	R56AI042310	MIF and Host Response to Infection	-\$9,607
2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R15AI099897	OBSTRUCTING TOXIN'S PATHWAYS: UNIVERSAL INHIBITORS OF BINARY BACTERIAL TOXINS	\$0
2014	GEORGETOWN UNIVERSITY	DC	R15AI109591	The Role of Lectins in Immune Recognition of Giardia.	\$0
2014	UNIVERSITY OF MIAMI	FL	R21AI106373	Immune Activation in Virologically Suppressed Indian HIV-infected Patients	-\$2
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R03AI103750	OVERCOMING THE DEGRADING EFFECTS OF NICOTINE ON VACCINE USING TLR AGONISTS	-\$1,034
2014	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	-\$3,363
2014	EMORY UNIVERSITY	GA	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$0
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R56AI104168	Examining SecA as a Potential Target for Treating Gram-positive Bacteria	-\$38,276
2014	EMORY UNIVERSITY	GA	R56AI110516	Regulation of T cell immunity by the cytosolic RIG-I like receptors	\$0
2014	UNIVERSITY OF HAWAII	HI	R01AI095464	Vaccine Potential of Nipah virus-like Particles	-\$3
2014	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R15AI109566	Unraveling the role of protein phosphorylation in the regulation of development in Chlamydia trachomatis	-\$40,404
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI099953	Integration of infant male circumcision with community health services in Kenya	-\$203,233
2014	MIDWESTERN UNIVERSITY	IL	R15AI105742	Elucidation of an informed drug dosing scheme to minimize kidney injury	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	-\$4
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI103717	Targeting functional assembly of the bacterial multidrug efflux transporter	-\$1,852
2014	DANA-FARBER CANCER INSTITUTE	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$0
2014	Trustees Of Boston University	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	-\$17,609
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$135,180
2014	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$0
2014	Trustees Of Boston University	MA	U01AI100015	Rapid Initiation of Antiretroviral Therapy to Promote Early HIV/AIDS Treatment in South Africa	-\$1
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	-\$7,056

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI104730	Molecular mechanisms of HLA-DM mediated peptide exchange	-\$74
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI069472	Partners Healthcare Systems/Harvard Medical School/Boston Medical Center AIDS CTU	\$48,683
2014	IMMUNETICS, INC	MA	R43AI100471	Immunoassay for diagnosis of Babesia infection	-\$1,301
2014	WESTERN NEW ENGLAND UNIVERSITY	MA	R15AI107668	Inhibitory effects of curcumin on Th2 sensitization and mast cell function in a m	\$0
2014	TUFTS MEDICAL CENTER	MA	R21AI097855	Analysis of Tgsl, a novel regulator of macrophage survival	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107530	How does the KSHV small capsid protein function to promote self-assembly?	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107537	Bridging KSHV capsids to the nuclear egress complex	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	-\$807
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	-\$18,093
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI099734	Role of a schistosome cysteine protease in Th response polarization	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI106508	Cell Surface Marker Combinations to Identify Latently Infected CD4+ Cells In Vivo	\$0
2014	BOWDOIN COLLEGE	ME	R15AI090633	Role of genome plasticity in Candida albicans host-pathogen interactions	-\$1
2014	GRAND VALLEY STATE UNIVERSITY	MI	R15AI094489	Structure-based discovery and design of novel class D beta-lactamase inhibitors	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI106477	Vpr	\$0
2014	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	-\$167
2014	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeuticcs for Chikungunya Virus	-\$265
2014	UNIVERSITY OF MONTANA	MT	R15AI105737	Mechanism of RVFV nucleocapsid targeting drugs	-\$490
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	-\$218
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI108515	Simple interventions to Improve Rotavirus Vaccine Effectiveness (SIRVE)	-\$5,325
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	-\$17,143
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	-\$435
2014	SOLIGENIX INC	NJ	R43AI108175	Innate Defense Regulator Peptide as a Therapeutic for Acute Pneumonic Melioidosis	-\$1,470
2014	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R56AI109156	HIV Toolbox, an interactive, visual, and customizable HIV Protein Ontology	\$0
2014	UNIVERSITY OF NEVADA-RENO	NV	R56AI106737	Elucidation of HCMV latent viral genome maintenance/replication factors	-\$537

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2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	-\$6,493
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	-\$423
2014	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI110803	Effects of human cytomegalovirus on monocyte survival and differentiation	-\$2,559
2014	INNOVIMMUNE BIOTHERAPEUTICS HOLDING, LLC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$1
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$0
2014	Research Institute at Nationwide's Children's Hospital	OH	R56AI108880	Uncovering Basic Signaling Mechanisms in NK Cells in Mice and Humans	-\$921
2014	OHIO UNIVERSITY	OH	R15AI105721	Analysis of the essential human cytomegalovirus protein, pUL34	\$0
2014	OREGON STATE UNIVERSITY	OR	R21AI109435	NhaP-type cation-proton antiporters in Vibrio cholerae and Yersinia pestis	\$0
2014	OREGON STATE UNIVERSITY	OR	U01AI109695	Anti-IL-12p40 Treatment of CVID Enteropathy: Gene Expression/Microbiota Analysis	-\$243,504
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI102684	Integration site selection by HIV-1 and HIV-1 based vectors	-\$76
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R56AI077414	Restoring anti-viral immunity during HTLV-associated neuroinflammatory disease	-\$1,426
2014	UNIVERSITY OF PENNSYLVANIA	PA	R33AI082701	Gp340 and syndecan inhibition based microbicide for HIV	\$0
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI107735	Paratransgenesis for malaria using Asaia sp. bacteria	\$0
2014	UNIVERSITY OF SOUTH DAKOTA	SD	R15AI107727	Chlamydial lipid acquisition and host response	\$27,165
2014	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105962	Therapeutic immunization to impact HSV-2 latency and associated pathogenesis	-\$11,060
2014	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	-\$21,509
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101772	Development of a Novel Rift Valley Fever Virus Vaccine	\$0
2014	RICE UNIVERSITY	TX	R21AI103777	Astrovirus structure and replication	\$0
2014	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$0
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI109398	Regulatory T cells to improve Sertoli cell protection of transplanted islets.	\$0
2014	SOUTHERN METHODIST UNIVERSITY	TX	R15AI109624	Bicyclic beta-Lactam Antibiotics as Poor Substrates for Metallo-beta-lactamases	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$0

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2014	TERAPIO CORPORATION	TX	R44AI081356	Development of RLIP76 protein as a Radiation Countermeasure	\$0
2014	UNIVERSITY OF TEXAS, EL PASO	TX	R15AI105823	Mechanisms in Viral RNA Replication Complex Assembly: Novel Targets for Antivira	-\$3,431
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	-\$462
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI103627	Characterization of C02 Sensing and Regulatory Response in Borrelia burgdorferi	\$0
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI108264	Innate priming in sepsis exacerbation	-\$21,502
2014	GEORGE WASHINGTON UNIVERSITY	VA	R15AI105738	Decision Making for Social Distancing	-\$6,043
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI111933	Impact of menopause and sexual trauma on HIV acquisition in women	-\$2,487
2014	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	-\$5,147
2014	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$129,216
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI113906	Role of S1P1 in the function of Regulatory T cells in Autoimmune Encephalomyeliti	-\$9,294
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	-\$121,194
2014	THE GENEVA FOUNDATION	WA	R33AI101387	Targeting Cellular Processes to Counter the Effects of BoNT Intoxication	\$12,470
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI106784	Multiplex Test for Primary Immunodeficiencies by Affinity Column coupled to MS/MS	-\$9,872
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	-\$230
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$0
2013	INSTITUTO DE MEDICINA MOLECULAR		F32AI104252	Engineered liver platforms to study regulation of host microRNA in Plasmodium liv	\$0
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI102187	Host Factors Required for Dengue and Yellow Fever Virus Amplification	\$0
2013	AUBURN UNIVERSITY	AL	R15AI107773	Impact of bacterial infection on myeloid dendritic cell development	\$0
2013	LAWRENCE LIVERMORE NATIONAL LABORATORY	CA	R01AI093500	Multiplexed Diagnostic and Cytokine Response Assays Utilizing the nCounter Platfo	-\$106,634
2013	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	Dealing with Antibiotic Resistance: Antisense Technology	-\$2,265
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	-\$1,457
2013	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	-\$44,417

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2013	CALIFORNIA STATE UNIVERSITY SAN MARCOS CORPORATION	CA	R15AI064175	MHC characterization in Chinese rhesus macaques	-\$4
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	-\$111,018
2013	STANFORD UNIVERSITY	CA	U19AI082719	Autoimmunity Center of Excellence (ACE) at Stanford	\$517
2013	UNIVERSITY OF NORTHERN COLORADO	CO	R15AI054461	Deer Mice as Tools for Infectious Disease Research	-\$498
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R15AI103880	Deoxyribozyme sensor-based diagnostics for Mycobacterium tuberculosis	-\$16,120
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	Amino Acid Repair Activity in Helicobacter pylori	-\$89
2013	NORTHEASTERN UNIVERSITY	MA	R01AI085585	Super-persistent cells and the paradox of untreatable infections	-\$3,175
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	-\$27
2013	GENVEC INC	MD	R43AI100467	Pre-erythrocytic Stage Antigen Discovery for Malaria Vaccine Development	-\$3,840
2013	MAINE INTERNATIONAL CENTER FOR DIGITAL LEARNING	ME	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	-\$35,653
2013	MISSISSIPPI STATE UNIVERSITY	MS	R15AI099928	Coinfection by Rickettsiae in Amblyomma maculatum: Impact on Disease Transmission	-\$5,945
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	-\$38,150
2013	ICAGEN INC	NC	R44AI079935	Selective Decorporation Agents for NIAID	-\$68,078
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	Mapping for Specialized Domains for FCeRI Signaling & Internalization	-\$13
2013	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI090573	Understanding transcriptional silencing & anti-silencing mechanisms in Shigella	\$0
2013	SUNY, BUFFALO	NY	R21AI097879	Membrane biophysics of enterotoxin mediated immunomodulation	-\$607
2013	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	-\$5,785
2013	SUNY, STONY BROOK	NY	R01AI056168	Sphingolipid-mediated fungal pathogenesis	-\$3,199
2013	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	Genetic and Immunological Impact of the HRES-1/Rab4 Locus in SLE	-\$19
2013	OHIO UNIVERSITY	OH	R15AI103887	Form and Function of Tandem Duplicate Small RNA Molecules in Shigella dysenteriae	\$0
2013	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	-\$1
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$0
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI101200	Zinc Transporter-8-Specific T Cell Responses in the Prediction of Type 1 Diabetes	-\$7,583
2013	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R01AI097038	Recombinase Polymerase Amplification for Point-of-Care Diagnosis of Infant HIV-1	\$0

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2013	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$0
2013	LUCIGEN CORP	WI	R21AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$13,977
Issue Date FY: 2017 (Subtotal = \$3,147,444,073)					
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$1
2017	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$1,397,306
2017	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,065,022
2017	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$129,631
2017	WITS HEALTH CONSORTIUM		R01AI115979	Analysis of National Lab Database to evaluate the HIV treatment rollout in South Africa	\$317,753
2017	MU-JHU CARE LTD		R01AI118332	Bone Mineral Density in a Cohort of Young Women using Depo-provera and Tenofovir	\$117,392
2017	QUEEN'S UNIVERSITY KINGSTON		R21AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$148,500
2017	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$169,220
2017	UNIVERSIDAD PERUANA CAYETANO		R01AI116470	Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)	\$135,000
2017	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI126110	Elucidating Toxoplasma ?Interactomes? Critical for Host Cell Invasion and Pathogenesis	\$147,524
2017	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R21AI125886	Investigation of the role of type 2 innate lymphoid cells in the pathogenesis of dengue infection	\$137,500
2017	UNIVERSITY OF CAPE TOWN		R21AI127121	Immunological significance of QuantiFERON TB Gold In-tube reversions in settings with high burden of tuberculosis	\$152,958
2017	MAHIDOL UNIVERSITY		R21AI120816	Bangkok Online Testing on MSM	\$158,445
2017	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		U19AI129916	Noguchi Institute Initiative for NTDs Elimination (NIINE)	\$345,218
2017	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		U01AI136032	Inflammation in the Pathogenesis of Disseminated Leishmaniasis	\$340,648
2017	Uganda Virus Research Institute		R01AI118368	IMMUNOLOGICAL AND VIRAL FACTORS ASSOCIATED WITH HIV-1 SUPERINFECTION	\$134,995
2017	Academisch Ziekenhuis Leiden		R21AI127133	In depth characterization of Mtb specific HLA-E restricted human CD8+ T-cells	\$129,605
2017	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		G11AI131250	Capacity Building for Enhanced Research Administration (CaBERA) at Noguchi Memorial Institute for Medical Research	\$105,732

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2017	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$232,650
2017	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$120,986
2017	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI110340	IL-17RA-signaling cytokines in the regulation of CD8 T cell immunity to T. cruzi	\$133,640
2017	STELLENBOSCH UNIVERSITY		R01AI116039	Altered immune-endocrine axis in type 2 diabetes and tuberculosis risk	\$347,839
2017	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$103,410
2017	UNIVERSITY OF ZIMBABWE COLLEGE OF HEALTH SCIENCES		R21AI124402	Implementing objective measures of adherence and low cost genotyping to assess a community based intervention to strengthen virologic outcomes among youth failing ART	\$108,028
2017	NANYANG TECHNOLOGICAL UNIVERSITY		R21AI126023	Mechanisms of Enterococcal Niche Modulation during Polymicrobial Infection	\$168,200
2017	INFECTIOUS DISEASE SOCIETY KOTA KINABALU SABAH		R01AI116472	Comparative incidence and clinical spectrum of Plasmodium knowlesi malaria, a longitudinal study in Sabah, Malaysia	\$136,728
2017	SOUTHAMPTON UNIVERSITY		R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$397,547
2017	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI129807	Novel components of Homologous Recombination Repair in the parasite Toxoplasma gondii	\$132,795
2017	INSTITUT PASTEUR DE MADAGASCAR		R01AI129822	Investigating seasonal drivers of viral zoonoses from Madagascar fruit bats	\$134,900
2017	UNIVERSITY OF COLOMBO		U01AI136033	Epidemiology and transmission of Leishmania donovani infections in Sri Lanka and Bhutan	\$398,873
2017	WITS HEALTH CONSORTIUM		U01AI136677	Immunoglobulin gene diversity in an African population and impact on antibody function in HIV infection	\$249,992
2017	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		U19AI129910	Optimizing Surveillance and Treatment for Control of Cutaneous Leishmaniasis	\$556,314
2017	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$749,211
2017	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	\$134,019
2017	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	\$134,357
2017	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI110386	Host-Pathogen Interactions in a Failing Global lineage of MTBC:M.africanum	\$151,526
2017	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$175,000
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	\$140,688
2017	MONASH UNIVERSITY		R01AI132154	Targeting the Urgent Need for New Antibiotics against Gram-negative ?Superbugs?	\$1,059,804

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2017	UNIVERSITY OF TORONTO		R01AI127375	Systematic Analysis of Morphogenesis, Commensalism, and Virulence in a Leading Human Fungal Pathogen	\$591,721
2017	UNIVERSITY OF ALBERTA		R01AI118842	Role of CD22 in the Germinal Center Reaction	\$270,000
2017	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	\$209,008
2017	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$1,084,670
2017	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$318,624
2017	FUDAN UNIVERSITY		R01AI129819	Influence of gut microbiota on vector competence of disease transmitting insects	\$153,225
2017	UNIVERSIDAD DEL NORTE		R01AI110385	Mechanism of Respiratory Syncytial Virus Entry in Normal Human Bronchial Epitheli	\$110,496
2017	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$270,000
2017	FUNDACAO MANHICA		R01AI123050	Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MiPMoz)	\$134,933
2017	INSTITUT PASTEUR		U19AI129392	Understanding, tracking and eliminating malaria transmission in the Asia - Pacific Region	\$690,181
2017	INDIAN INSTITUTE OF SCIENCE		R01AI118366	HIV-1 envelope structure, stability and dynamics probed by saturation mutagenesis	\$121,500
2017	UNIVERSITY OF PRETORIA		G11AI131253	Expansion and sustainability of University of Pretoria (UP), South Africa research administration services and resources for NIH/ NIAID grants	\$92,398
2017	HOSPITAL FOR SICK CHILDREN, TORONTO		R33AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$452,768
2017	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI116453	Brucella survival strategy requires endoplasmic reticulum restructuring and interferes with innate immunity	\$142,186
2017	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$134,579
2017	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$290,407
2017	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$317,788
2017	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$132,686
2017	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$1,051,232
2017	Centre for the AIDS Programme of Research in South Afri		R01AI111936	Inflammation and HIV risk: understanding partial Tenofovir efficacy in CAPRISA004	\$538,081
2017	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,287,739
2017	UNIVERSITY OF TORONTO		R01AI120958	Targeting Hsp90 in cryptococcal fungal pathogenesis	\$817,242

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116466	var gene regulation mechanisms in Malaria parasite Plasmodium falciparum	\$129,657
2017	UNIVERSIDADE FEDERAL DO ESPIRITO STO		R01AI116438	IGRA investigation in recently exposed contacts	\$146,200
2017	INSTITUT PASTEUR DE TUNIS		R21AI117107	Impact of zooprophylaxis on zoonotic cutaneous leishmaniasis transmission	\$112,335
2017	INTERNATIONAL CENTER FOR DIARRHOEAL DISEASE RESEARCH		R01AI116471	TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT UROPATHOGENIC E. coli IN BANGLADESH	\$126,852
2017	KINSHASA SCHOOL OF PUBLIC HEALTH		R01AI129812	A longitudinal epidemiological and epidemiological study of malaria and its vectors in the Kinshasa province	\$134,214
2017	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$123,120
2017	WITS HEALTH CONSORTIUM		R01AI129708	Active Case Finding Testing and Linkage to Treatment and Improved Survival (ACTTIS) Study	\$542,244
2017	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		U19AI129387	ICEMR-Mali : Multidisciplinary research for malaria control and prevention in West Africa	\$680,416
2017	BANARAS HINDU UNIVERSITY		U19AI074321	Visceral Leishmaniasis in Bihar State, India	\$551,058
2017	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$1,906,882
2017	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	\$131,837
2017	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$1,030,670
2017	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Epidemiology and Genomics of Multidrug resistant Salmonella Typhi infections in Kenya: The role of carriage in an endemic setting	\$134,026
2017	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$1,634,670
2017	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$134,200
2017	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$855,749
2017	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI099628	Host vulnerability and parasite genetics in the development of cerebral malaria	\$119,068
2017	WITS HEALTH CONSORTIUM		U01AI116086	CAPRISA HIV-1 neutralizing antibodies: Harnessing ontogeny for immunogen design	\$174,892
2017	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R21AI118593	Acoustic mating signals in the dengue vector, Aedes aegypti	\$181,291
2017	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI116811	Genome-based diagnostics for monitoring and evaluation of insecticide resistance in Anopheles gambiae	\$486,646
2017	UNIVERSITY OF CAPE TOWN		R01AI116155	Pharmacometric optimization of second line drugs for MDR tuberculosis treatment	\$349,914
2017	UNIVERSIDAD PERUANA CAYETANO HEREDIA		U19AI129909	Improving Diagnostic and Management Tools for Neurocysticercosis (Peru-JHU TMRC Program)	\$565,715

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2017	MAHIDOL UNIVERSITY		R21AI125042	Understanding secondary prevention along the HIV care continuum among HIV+ Thai YMSM	\$151,511
2017	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		F32AI120789	The Role of Follicular Dendritic Cells in Maintenance of Persistent HIV	\$10,050
2017	SIMON FRASER UNIVERSITY		R01AI134299	Synthetic bacterial analogs of mammalian oligomannose for eliciting neutralizing antibodies to the high-mannose patch on HIV Env	\$330,451
2017	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI128765	Validation of Biomarkers of Pediatric TB and further development for use in diagnosis of childhood TB	\$1,001,605
2017	UNIVERSITY OF GOTEBOG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$305,614
2017	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$134,340
2017	UNIVERSITY HEALTH NETWORK		R01AI085043	Mechanisms of Viral Persistence	\$270,000
2017	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$1,749,653
2017	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$1,691,063
2017	UNIVERSITY OF MANITOBA		R01AI111805	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	\$712,570
2017	DEPARTEMENT FORSCHUNG UNIVERSITATSSPITAL-BASEL		R01AI106923	The Role of microRNAs in autoimmune disease	\$257,495
2017	UNIVERSITY OF TORONTO		F32AI115947	Global analysis of Hsp90 client proteins in Candida albicans	\$8,850
2017	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	\$1,095,043
2017	ROSS UNIVERSITY SCHOOL OF VETERINARY MEDICINE		R21AI128407	The role of African Green Monkeys in the epidemiology of Dengue and Chikungunya on St Kitts, West Indies	\$165,894
2017	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R03AI125001	Quantifying Spatial Representativeness and Uncertainty in Antenatal Care Sentinel Surveillance for HIV in Sub-Saharan Africa.	\$53,375
2017	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI123070	HIGH-THROUGHPUT EPITOPE DISCOVERY: USE OF NEXT-GENERATION PEPTIDE CHIPS FOR FAST IDENTIFICATION AND FINE MAPPING OF DIAGNOSTIC AND PROGNOSTIC MARKERS FOR CHAGAS DISEASE	\$132,710
2017	FIOTEC		R01AI129835	The role of Tregs and lipid mediators in the progression of Mycobacterium leprae infection to active disease	\$146,143
2017	FUNDACAO FACULDADE DE MEDICINA		U19AI098461	Sao Paulo-Minas Gerais Tropical Medicine Research Center for Chagas Disease Biomarker Discovery	\$484,497
2017	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,026,858

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2017	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$3,025,969
2017	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2017	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$539,153
2017	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2017	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$135,000
2017	MAHIDOL UNIVERSITY		U01AI115520	Determinants of Outcome and Recurrent Infections in Melioidosis	\$408,352
2017	Universidade Eduardo Mondlane		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$148,431
2017	UNIVERSITY OF CAPE TOWN		R01AI115981	Timing of establishment of the HIV latent reservoir in subtype C infected women	\$350,000
2017	UNIVERSIDAD PERUANA CAYETANO		R01AI116456	Use of bisphosphonates to reduce the calcification process in animal models of cysticercosis	\$130,566
2017	UNIVERSITY OF GHANA		R01AI123074	Impact of insecticide resistance on the behavior and fitness of malaria vectors	\$133,310
2017	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICA E INMU		R01AI116432	Antibody-secreting cells in the regulation of T cell response to Trypanosoma cruzi	\$133,080
2017	RESEARCH INSTITUTE OF THE MCGILL UNIVERSITY HEALTH CTR		R01AI124349	Human genetics of TB resistance in HIV-infected persons	\$1,727,401
2017	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI133673	Maximising Cure Potential in Paediatric HIV Infection	\$296,268
2017	CENTRO INTERNACIONAL DE VACUNAS		R01AI121237	Plasmodium vivax 48/45 gametocyte protein: functional characterization and vaccine potential assessment in preclinical studies	\$424,745
2017	UNIVERSITY OF CAPE TOWN		U01AI115940	Inflammatory determinants of disease severity and treatment outcome in TB patients	\$309,954
2017	UNIVERSITY OF ALASKA FAIRBANKS	AK	R01AI118888	Role of Structural Flexibility in the Selection of Immunodominant MHCII Epitopes	\$328,671
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	\$0
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$2,571,328
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI112566	A Rational Approach for HIV Vaccine T Cell Epitope Selection	\$463,752
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110480	Regulation of T-cell dependent B cell responses to influenza	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI120619	HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment	\$770,664

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2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K24AI125685	Midcareer Mentoring Award for Patient-Oriented Research in Chlamydia trachomatis Infection	\$131,265
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI134648	Defining the biological relevance of HIV-1 adaptation to CD4 T cell responses	\$790,033
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$441,000
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI132977	Novel mechanism of cos phage size redirection by staphylococcal pathogenicity islands	\$222,750
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$405,141
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI123162	Intersection of polyomavirus infection and host cellular responses	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118867	Alphavirus nsP3 protein: roles of intrinsically disordered region in virus replication and pathogenesis	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$433,861
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F32AI120508	Establishment and metabolic control of influenza-specific lung-resident memory B cells	\$60,014
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121354	The necrosis-inducing toxin of Mycobacterium tuberculosis	\$534,163
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109680	Antiviral Drug Discovery and Development Center - Overall	\$7,293,471
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$364,297
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI133159	Mechanistic role of ns2 protein in evasion of innate immune response by alphaviruses	\$589,668
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$433,689
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI109001	Acquisition of HCMV from breast milk-correlates of protection	\$710,978
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$955,998
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111940	Heme oxygenase-1 and the bioenergetic threshold of latent TB and HIV co-infection	\$335,520
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI120500	Commensal-dependent maturation of the natural IgM repertoire	\$35,934
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116738	Transcription and replication in nonsegmented negative-strand RNA viruses	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118805	Vaccine potential of the proline-rich domain of pneumococcal surface protein A	\$367,500

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2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI121586	Development of Structurally Defined QS-17/18-Based Vaccine Adjuvants	\$183,750
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	\$662,624
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$152,359
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,573,468
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI108691	Emerging Antiviral Resistance in Congenital Cytomegalovirus Infection	\$178,312
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121364	HTS for copper-activated inhibitors against MRSA	\$683,442
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI130232	Regulation of T _h cell differentiation and humoral immunity	\$573,134
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$371,250
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI127182	Immunometabolism of M. tuberculosis/HIV co-infection	\$155,070
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI129705	Viral adaptation to CD4 T cell responses and the impact on HIV immunity	\$195,264
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$3,928,141
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106808	Complement Evasion by Group B Streptococcus	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110553	Roles of FCRL Molecules in Innate Immunity	\$367,500
2017	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI116985	MicroRNA regulation of airway remodeling and repair in asthma	\$227,250
2017	BIODTECH INC	AL	R44AI114445	Endotoxin Neutralization as a Biomonitor for HIV Disease Progression	\$501,326
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI108509	Randomized Controlled Trial of Treatment of Male Partners of Women with BV	\$567,220
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$2,139,194
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI106957	Pathogenesis of Bacterial Vaginosis in Women Who Have Sex with Women	\$184,405
2017	CNINE BIOSOLUTIONS	AL	R43AI132038	Inexpensive, sensitive and specific, point-of-care diagnostic for bacterial infections in the central nervous system	\$272,457
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R61AI133679	Identification of drugs that induce terminal transcriptional silencing of latent HIV-1 infection	\$654,010
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI123432	Trafficking Mechanism of Gram-Positive Bacterial Moonlighting Proteins	\$185,625
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI113007	STAT4 regulation of effector CD4 T cells and CNS inflammation	\$367,500

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2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$367,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,449,941
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$2,153,903
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of B cell differentiation by IFN γ induced transcription factors	\$214,452
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI119627	Single round infection chikungunya virus as a new vaccine candidate	\$220,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI126886	Identification of pre-fusion conformers of HCMV gB	\$154,500
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$2,429,398
2017	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$367,500
2017	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	UM1AI130781	Arkansas Center for Food Allergy Research (ArCOFAR)	\$235,000
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	U01AI133561	The Protein C Pathway in Mitigation of Radiation-Induced Endothelial and Vascular Dysfunction	\$624,856
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI113766	Virulence gene regulation in Staphylococcus aureus	\$372,500
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI133160	Leukocyte-platelet modulation of the systemic inflammatory response	\$223,500
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$364,007
2017	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Ninth Biennial Meeting of the Chlamydia Basic Research Society	\$6,000
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI116653	Regulation and function of B cells during malaria infection- Resubmission	\$511,315
2017	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI121345	Examining Mechanisms of Synergy between Asthma Exacerbations and RV Infection	\$193,320
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI127931	Characterization of the Human Lung Response to Coxiella burnetii	\$219,887
2017	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI119380	Impact of Staphylococcus aureus in osteomyelitis and bone physiology	\$369,022
2017	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$416,433
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on Customized Nanotrap	\$890,434
2017	VITALANT	AZ	R01AI119056	Protective B-cell responses in chikungunya virus infection	\$510,584
2017	UNIVERSITY OF ARIZONA	AZ	R13AI131594	Twenty Ninth Fungal Genetics Conference	\$5,000
2017	UNIVERSITY OF ARIZONA	AZ	U01AI122275	Immuno-Genetic Basis for Human Disseminated Coccidioidomycosis	\$573,884
2017	VITALANT	AZ	R01AI123376	Viral etiology of idiopathic chronic diarrhea in rhesus macaques	\$532,033

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2017	UNIVERSITY OF ARIZONA	AZ	R21AI133765	Interactions between Environmental Microbiome, Maternal Immunity, Neonatal Epigenome and Respiratory Microbiome Development as Determinants of Asthma In Childhood	\$243,663
2017	UNIVERSITY OF ARIZONA	AZ	R01AI132140	An Avirulent Arthroconidial Vaccine Candidate to Prevent Human Coccidioidomycosis	\$1,371,202
2017	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$188,030
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI125827	DNA Origami Nanostructures for Single-Cell Multi-gene Analysis without Single Cell Sorting	\$187,869
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI129895	New Tools for Glycoscience: Engineering Targeted Lectins by Computer-Guided Directed Evolution	\$172,624
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	\$491,714
2017	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$369,556
2017	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$637,354
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	\$484,542
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI121733	Development of customized aluminosilicates as complementary topical therapeutics for wound infections	\$179,513
2017	ARIZONA STATE UNIVERSITY	AZ	K22AI123159	Molecular and Cellular Mechanisms of Herpes Simplex Transport and Egress Pathway in Neurons	\$154,000
2017	UNIVERSITY OF ARIZONA	AZ	R01AI108751	Mechanisms of L2-Mediated Membrane Translocation of the Papillomaviral Genome	\$334,438
2017	UNIVERSITY OF ARIZONA	AZ	R21AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$184,516
2017	ST JOSEPH'S HOSPITAL & MEDICAL CENTER	AZ	R21AI123034	EXOSOMES: ROLE IN ALLOGRAFT REJECTION AND POTENTIAL AS A BIOMARKER	\$185,894
2017	UNIVERSITY OF ARIZONA	AZ	F31AI131622	The Immunological Consequences of Mouse Cytomegalovirus on Adipose Tissue	\$35,482
2017	VITALANT	AZ	R21AI129636	Role of Host Glycosylation in the Galectin-9-Mediated Reversal of HIV Latency	\$0
2017	UNIVERSITY OF ARIZONA	AZ	R01AI135108	CC16 in Childhood and Resilience to Persistent Asthma into Adult Life	\$727,579
2017	UNIVERSITY OF ARIZONA	AZ	U19AI125357	Dysfunction of Innate Immunity in Asthma	\$1,401,498
2017	UNIVERSITY OF ARIZONA	AZ	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$1,061,031
2017	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI121738	Antimicrobial susceptibility associations in Acinetobacter baumannii based on genomic and transcriptomic analyses	\$259,815

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2017	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$378,750
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$460,843
2017	UNIVERSITY OF ARIZONA	AZ	R21AI125823	Improving Anopheline fitness and resistance through fat body insulin signaling	\$225,416
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI126361	Multiplexed quantification of circulating peptidomic signatures for EBOLA early diagnosis	\$174,090
2017	UNIVERSITY OF ARIZONA	AZ	R33AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$397,672
2017	ARIZONA STATE UNIVERSITY	AZ	R21AI117150	Detailed mapping of drug binding and translocation sites in the AcrB pump protein	\$220,094
2017	UNIVERSITY OF ARIZONA	AZ	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	\$709,371
2017	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$118,057
2017	ARIZONA STATE UNIVERSITY	AZ	R01AI117011	Tracking Evolution and Spread of Viral Genomes by Geospatial Observation Error	\$461,012
2017	UNIVERSITY OF ARIZONA	AZ	R56AI124665	Mechanisms of Colonization and Persistence by Neisseria	\$377,605
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$602,687
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$4,122,513
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$556,923
2017	La Jolla Institute For Immunology	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$613,699
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$394,200
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$322,323
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$492,288
2017	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$160,914
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$300,195
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$366,913
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$364,000
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$556,005
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$454,343
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretory Pathway	\$442,960
2017	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	\$241,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$437,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$951,435
2017	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$485,000
2017	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$392,500
2017	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI112011	Silk-based Formulation for Microbicide Delivery	\$568,314
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI108713	Functional Plasticity in the Helicobacter pylori Type IV Secretion System	\$578,356
2017	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$443,853
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI112248	Defensive strategies against the toxic effects of self-produced phenazine metabol	\$553
2017	STANFORD UNIVERSITY	CA	F32AI115950	Mechanisms of IL-1B secretion during microbial infection	\$59,166
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113295	Identification of natural products targeting new pathways in bacteria	\$616,544
2017	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$363,600
2017	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	\$386,856
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$142,177
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI116493	Optimal Strategies for HIV Treatment and Prevention in Sub-Saharan Africa	\$598,511
2017	AVIDBIOTICS CORPORATION	CA	R21AI121692	Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs	\$119,517
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI119499	Hepatitis C virus polyprotein processing efficiency regulates infectious virus production	\$85,215
2017	STANFORD UNIVERSITY	CA	F30AI124589	Identifying Components of the Rhoptry Protein Injection Machinery in Toxoplasma gondii	\$36,950
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118422	Perturbing the HIV Reservoir with Immune Stimulation	\$766,465
2017	La Jolla Institute For Immunology	CA	R01AI116813	IRF-3/5/7-Independent Antiviral Immunity	\$442,500
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$178,750
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118862	IL-27 elicited antibodies: A novel means to control persistent Arenavirus infection	\$481,250
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI123630	Identification by High Throughput Screening of Inhibitors of Assembly and Secretion of the Francisella Type VI Secretion System	\$192,500
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI111661	Mitigating Resistance & Virulence in MRSA	\$394,079

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2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI125141	Host defense-stimulating macrocyclic peptides for treatment of MDR bacterial infections	\$1,042,376
2017	La Jolla Institute For Immunology	CA	U01AI125955	HVEM: A TNF family receptor that influences mucosal immunity and the microbiome	\$535,300
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126879	Defining the nuclear vs. cytoplasmic proteome during human rhinovirus infections	\$183,596
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI117256	Reducing excess broad-spectrum antibiotic use in gonorrhea	\$231,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	\$385,000
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI122122	Imprinting of nasal Th2 cell trafficking during allergic sensitization	\$243,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127274	HIV transcriptome analysis during viral latency	\$237,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129455	Identification of diagnostic and prognostic host biomarkers of Zika virus infection by transcriptome profiling	\$198,125
2017	PRIMITY INC	CA	R44AI129032	Primity Cloud: High-Performance Cytometry Analysis Engine	\$725,372
2017	STANFORD UNIVERSITY	CA	R01AI125286	Beta-lactamase fluorescent probes for bacterial detection	\$584,232
2017	STANFORD UNIVERSITY	CA	F31AI129359	Investigating a fluorogenic DMN-trehalose conjugate as a novel detection tool for Mycobacterium tuberculosis	\$44,044
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K25AI128000	Microfluidic High-Throughput Droplet-Scale Screening of DNA-Encoded Compound Libraries for Activators of the Bacterial Target ClpP	\$99,587
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$437,500
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI131068	Exploiting the Candida albicans Dicer Protein as a Therapeutic Target	\$97,500
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI131099	Role of Circular RNAs in Innate Immunity	\$292,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122747	Decoding the Chlamydia inclusion membrane protein-host protein interactome	\$613,137
2017	VIROGENICS INC	CA	R42AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$728,550
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI117211	Transferrin Combination Therapy to Address Antimicrobial Resistance	\$706,447
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131424	Development of Sustained-Release Anti-HIV Nucleoside Phosphonate Nanoparticles	\$749,444
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121928	The new chemokine CCL28 and its role during Salmonella infection	\$193,125
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI121144	Improving the molecular diagnosis of drug resistant tuberculosis	\$709,614
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129685	Characterization of a New Anti-HIV Immune Protein	\$237,750

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2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI118584	TRIPAI: An innovative way to improve the health of infants by including fathers during prenatal care	\$202,427
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128739	Exploiting multidrug resistance mechanisms to counter radiation toxicity	\$378,930
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI132016	The Bixby Center for Global Reproductive Health - Annual Research Day Conference	\$70,931
2017	La Jolla Institute For Immunology	CA	R01AI128589	Epigenetic control of Foxp3 expression in induced T regulatory cells	\$450,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$348,750
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI134657	Group 2 innate lymphoid cells in tissue regeneration	\$222,493
2017	NIMA LABS INC.	CA	R44AI124907	An Integrated, Accurate, and Rapid Peanut Allergen Detector for Consumers	\$999,998
2017	SCRIPPS RESEARCH INSTITUTE	CA	R56AI127371	Exploiting Vulnerability on Influenza Virus	\$730,213
2017	CHILDRENS HOSPITAL OF LOS ANGELES	CA	U01AI126612	Randomized study of low versus moderate dose busulfan in transplant for severe combined immunodeficiency	\$1,417,336
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI132458	Rapid development of neutralizing antiserum against Zika virus	\$196,250
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI129868	Optimizing eCD4-Ig for eradication and a functional cure	\$966,508
2017	STANFORD UNIVERSITY	CA	R01AI130058	Strategies for tuberculosis control in prisons	\$659,869
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI133548	Imaging and Trafficking of Neurotropic Virus in Maternal/Fetal Nonhuman Primates	\$193,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124179	Lineage tracing the embryonic origins of tissue-resident macrophages	\$193,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI133951	Decoding the interaction of the Chlamydia secreted effector CT192 with host dynactin	\$38,430
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120517	Dissecting the role of Janus Kinases in Common Cytokine Receptor γ -chain signaling in T-cells using chemical genetics	\$44,044
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127401	Structure and function of pathogenesis-associated bacterial structures by electron cryotomography	\$410,750
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI115133	Immune Regulation by Stem Cells: Role of Beta-Catenin in Liver Inflammatory Injury	\$193,855
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127505	Development of Gallinamide A-Inspired Agents for the Treatment of Chagas? Disease	\$192,910
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI131496	Dissecting the role of HVEM and BTLA in constraining the germinal center B cell response	\$35,548
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$551,250
2017	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI114929	Tolerance defenses in host-microbiota interactions	\$485,000
2017	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$609,900

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2017	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$656,439
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$383,032
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$505,225
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$399,144
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,543,394
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$1,142,366
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$516,182
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,250
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$2,043,887
2017	La Jolla Institute For Immunology	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$442,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$614,250
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$322,070
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	\$496,455
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$446,957
2017	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$6,084,280
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI110692	Phosphatidylserine Receptors in Flavivirus Infection	\$480,000
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$392,638
2017	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI111477	Integrated Cost-Effective Point of Care Nucleic Acid Testing for TB diagnosis	\$538,394
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	MicroRNA-mediated control of immune responses and tolerance	\$372,005
2017	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$481,250
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$383,212
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$621,566
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120527	Dissecting the contribution of SREBPs and lipid biosynthesis to inflammasome function	\$36,401
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$481,250
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122064	Proteomics Analysis of Host-Pathogen Interactions in Histoplasma	\$198,125

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2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117878	Using Allosteric Inhibition as a Means to Ablate Botulinum Neurotoxin Protease	\$240,625
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI127652	Phage resistance and mobile genetic elements in Vibrio cholerae	\$430,577
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123782	Role of miR-146a at the interface between T and B cell immunity	\$229,330
2017	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$294,458
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$2,100,311
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117463	Three-dimensional analysis and modeling of the Chlamydia developmental cycle	\$222,488
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$376,721
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124211	Atherosclerosis in SLE - OGG-1 as a novel target for therapeutic intervention	\$262,500
2017	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	CA	R21AI120925	Synthetic Generation of a Chlamydia Vaccine	\$219,158
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	\$437,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI119564	A Multidisciplinary Approach for the Treatment of Botulinum Intoxication	\$566,245
2017	MOLECULAR EXPRESS, INC	CA	R44AI094770	The VesiVax? System: Vaccine Development Made Easy	\$736,747
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI128931	Is Culex quinquefasciatus a vector of the Zika virus?	\$171,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128775	Integrated Exchange and Storage of Current- and Future -Generation Immunogenomic Data	\$435,900
2017	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI122153	Identification and function of mechanosensitive channels in Trypanosoma cruzi	\$404,813
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F30AI118342	Intercellular spread of Burkholderia and novel therapeutic strategies	\$49,044
2017	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	\$704,237
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$387,500
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI063426	M cell induction and function in mucosal tissues	\$371,695
2017	INNOSENSE LLC	CA	R43AI126931	Nanowire Sensor-based Assay for Detecting Dengue and Chikungunya Virus	\$223,251
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R33AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$456,235
2017	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI132128	Understanding HIV latency reversal and clearance of infected cells in vivo	\$383,250
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI134105	Regulated MAVS-mediated signaling in KSHV lytic replication	\$247,500
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI134618	CMV-vectored Vaccine Approaches to Induce Protective Antibodies to HIV-1 Env	\$232,677

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2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132835	Coordinated dynamic regulation and function of IRF transcription factors	\$387,292
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	\$653,501
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$396,684
2017	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI128560	Virulence Proteins of Pathogenic Leptospira Species	\$194,850
2017	QUERCUS MOLECULAR DESIGN, LLC	CA	R41AI134509	Developing Multi-targeting Antiviral Agents Against Herpes Simplex 1	\$258,940
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI123998	Late developmental regulation in Chlamydia	\$477,458
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI128912	Cytomegalovirus tropisms for oral cells:key to a vaccine to prevent maternal infection	\$510,074
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129863	Antiviral immunity in the Zika virus mosquito vector	\$237,750
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI131385	Revealing Reservoirs during Rebound (R3)	\$1,555,227
2017	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R21AI128216	Do inpatient antimicrobial stewardship programs help us in the battle against antimicrobial resistance?	\$234,592
2017	La Jolla Institute For Immunology	CA	R01AI123738	Cytokine regulation of T follicular helper (Tfh) cell biology	\$450,000
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI125615	Control of B cell development and effector functions by microRNA-142	\$425,000
2017	UNIVERSITY OF CALIFORNIA	CA	P01AI131568	Role of reservoir composition and T cell immunity in HIV rebound kinetics	\$1,484,236
2017	MAPP BIOPHARMACEUTICAL INC	CA	SB1AI082744	MR191_ An Immunoprotectant for Marburg Virus	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126857	Development of a vaccine for human chlamydia genital infection	\$231,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$2,135,528
2017	Lucira Health, Inc.	CA	R44AI129031	Low-Cost Instrument-free Point-of-Care Diagnostic for Neisseria gonorrhoeae	\$716,689
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R03AI131019	Screening for lincRNAs involved in NFkB signaling	\$77,000
2017	La Jolla Institute For Immunology	CA	R21AI128609	Design and evaluation of HLA-A, -B, and -C binding peptides that disrupt inhibitory KIR/MHC interaction and activate NK cells	\$270,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI125983	Towards the reconstitution and a structure of the Plasmodium vacuolar translocon	\$183,952
2017	STANFORD UNIVERSITY	CA	F30AI124553	Systems Pharmacological Analysis of Drug Efficacy in Inflammatory Bowel Disease	\$42,012
2017	MAPP BIOPHARMACEUTICAL INC	CA	R43AI129082	Direct sequencing of serum antibodies after infection	\$255,046
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128465	Role of meteorin-like in the immune system	\$222,761
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$457,116

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2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R33AI119115	Maltose Targeted Antibiotics	\$462,087
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI124316	Systems Biology Approach to Redefine Susceptibility Testing and Treatment of MDR Pathogens in the Context of Host Immunity	\$2,322,437
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI119082	Host iron and Yersinia pathogenesis	\$471,606
2017	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$434,419
2017	TRELLIS BIOSCIENCE LLC	CA	R44AI122360	Therapeutic Antibody for RSV IIB	\$1,499,589
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI112949	Mechanism of colonization resistance	\$455,766
2017	STANFORD UNIVERSITY	CA	R01AI127447	Defining the role of Host Hsp70 Subnetworks in Dengue Virus Replication	\$445,478
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular mechanisms of attachment by the ventral disc in Giardia	\$390,205
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI052201	Innate Immune Mechanisms in Non-infectious Lung Inflammation	\$525,054
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$996,065
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$2,116,986
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI124763	Novel method for evaluating HIV latency and persistence in vivo	\$231,000
2017	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	\$1,853,584
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$387,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$413,341
2017	J DAVID GLADSTONE INSTITUTES	CA	F32AI116410	Harnessing Genetic Interactions to Uncover HIV-1 Rev Host Factors	\$60,990
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$392,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$377,205
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,418,900
2017	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,266,848
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$459,142
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$616,751
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$1,317,799
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	\$33,499
2017	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$458,399
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$529,646
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$641,239

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$2,316,994
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$465,000
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$353,250
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$727,292
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$134,092
2017	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$6,032,754
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$336,990
2017	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$1,363,549
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI110271	Determinants of Functional Immune Defects in Treated HIV Infection and Aging	\$786,968
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI114261	Vibrio cholerae biofilms: structure, function, regulation and role in infection	\$441,421
2017	STANFORD UNIVERSITY	CA	R01AI116059	Mechanisms of persistent Salmonella infection	\$400,633
2017	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI106987	Mechanisms for ligand binding by serine-rich adhesins of Gram-positive pathogens	\$654,132
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI110513	Deconstructing the allo-specific memory B cell response	\$390,951
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI115714	Sofosbuvir and Ledipasvir in HIV/HCV Coinfected Pre and Post Liver Transplant	\$621,488
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI106874	The Microbiome Drives Masts Cell Recruitment in the Skin	\$387,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116880	T cell activation and the breakdown of maternal-fetal tolerance in preterm labor	\$396,250
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$499,010
2017	BUCK INSTITUTE FOR RESEARCH ON AGING	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$786,428
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI120691	Allostery and Hijacking of Host Membrane Traffic by HIV-1 Accessory Proteins	\$610,171
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114671	Next-generation 5-nitro heterocyclic antimicrobials against mucosal protists	\$623,681
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI118581	The role of antibody and the Fc neonatal receptor in transmitted/founder strain selection	\$531,993
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI128836	Designing and optimizing candidate HIV vaccines and boosting protocols	\$962,348
2017	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI119929	Neonatal Antibiotic Therapy, The Pulmonary Microbiome, and theCholinergic Anti-inflammatory Pathway	\$225,375
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI117712	Targeted discovery of antibiotics from cave bacteria	\$714,994

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2017	TOURO UNIVERSITY	CA	R21AI122847	Mechanism of indole compounds as HIV fusion inhibitors	\$178,750
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI120791	Cow ultralong CDR3 antibodies targeting HIV gp120	\$227,285
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI113704	Selective inhibition of fungal BET protein Bdf1	\$206,250
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI121840	A General Molecular Strategy for Attenuation of Human Pathogenic Arenaviruses	\$240,625
2017	STANFORD UNIVERSITY	CA	F32AI124558	Immunotherapy targeting the CD47-SIRP? axis to promote immune clearance of chronic infection	\$25,413
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI118688	Disruption of T cell tolerance in type 1 diabetes	\$1,629,068
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI119990	Reversal of T cell Exhaustion	\$97,500
2017	La Jolla Institute For Immunology	CA	R01AI124796	Relationships between Tfh cells, somatic hypermutation, and the development of broadly neutralizing antibodies	\$450,000
2017	ARIMA GENOMICS LLC	CA	R43AI124837	Maximal resolution and full-length phasing for next-generation MHC-typing	\$49,539
2017	STANFORD UNIVERSITY	CA	R01AI120683	Portable Nanostructured Photonic Crystal Device for HIV-1 Viral Load	\$376,824
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$403,568
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI125222	Filling a Void of Research (FAVOR) Training for Transplant Surgeons	\$313,354
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI124319	Systems Immunobiology of Antibiotic-Persistent MRSA Infection	\$1,941,212
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122939	CD4 T Cell Differentiation and Susceptibility to HIV-Specific CTL Killing	\$231,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI119017	Consequences of IFIT Gene Evolution on Species-Specific Antiviral Immunity	\$108,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R00AI120851	Viral sequence and dynamic determinants of antibody breadth	\$243,657
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI131296	Therapeutic vaccination and PD-1 blockade in treated HIV disease	\$1,491,834
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI123873	Interaction of Influenza A virus NS1 protein with PABP1 and eIF4G	\$70,783
2017	WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	R15AI126395	Preferential translation of host cell factors by hantavirus nucleocapsid protein	\$429,000
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI127954	Diabetes and Inflammation During Infection	\$206,250
2017	SCRIPPS RESEARCH INSTITUTE	CA	F32AI126628	Disrupting quorum sensing through small molecule inhibitors as an alternative to traditional antibiotic treatment	\$56,334
2017	TOURO UNIVERSITY	CA	R21AI121749	Virus-DNA-Virus hybrid vaccines for the prevention of Influenza	\$178,750

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2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI125249	Regulation of Rotavirus Replication, Virulence, and Host Range Restriction by the Innate Immune System	\$588,837
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI126460	A novel small molecule probe to study TOX-family transcriptional regulators	\$262,500
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124209	Characterization of a novel innate lymphoid cell (ILC2) with regulatory potential	\$218,750
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122212	Glyco-therapeutics for Treating Persistent S. aureus Infections of Skin and Soft Tissue	\$218,685
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI123202	Using single-cell RNA-seq to interrogate host immunity to pathogens	\$687,935
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI126368	Innate Immunity and Gender Differences in Melanoma	\$218,750
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI121779	Modeling granuloma formation using engineered microcapsules	\$188,311
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$416,250
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI127640	Exploiting interspecies/interkingdom communication for the discovery and development of novel natural products antifungal therapeutics	\$226,971
2017	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$835,245
2017	STANFORD UNIVERSITY	CA	R21AI130523	Diagnostic signatures of Zika virus pathogenesis	\$219,762
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI128007	Intrauterine sex steroids and human fetal T cell development	\$210,600
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$400,000
2017	PURACATH MEDICAL, INC	CA	R43AI134553	A device to reduce catheter related bloodstream infection rates in patients with peripherally inserted central catheters (PICCs)	\$223,377
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R56AI132515	Causes and implications of differential AXL use by ZIKV and WNV	\$527,056
2017	STANFORD UNIVERSITY	CA	R21AI117255	Role of novel adherens junction proteins in susceptibility to S. aureus alpha-toxin	\$241,087
2017	CEDARS-SINAI MEDICAL CENTER	CA	R03AI130643	Neutrophil extracellular traps (NETs) in ventilator induced lung injury	\$87,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI130495	Function of bronchus-associated macrophages	\$234,712
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI120944	Innate-Adaptive Immunoregulation in Liver Transplant Ischemia/Reperfusion Injury	\$1,685,815
2017	RIBOSCIENCE LLC	CA	R44AI129024	Advancing a novel potent Zika virus specific nucleoside analog to the clinic	\$993,605
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI128803	Sexual trauma and HIV susceptibility among women: the role of stress and genital immunity	\$555,221
2017	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI132362	Forecasting influenza epidemics using a mechanistic epidemic model	\$286,255
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI122596	Protein-Catalyzed Capture Agents for Improved Malaria Diagnostics	\$57,066

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2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI130073	Structural and mechanistic insights into antibody neutralization of human astrovirus	\$303,237
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI129846	Zika Virus Pathogenesis and Selective Autophagy Induction to Inhibit Virus Production	\$232,500
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128519	Mechanochemical regulation of macrophages by the extracellular matrix during wound healing	\$221,938
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127132	Role of Myeloid Derived Suppressor Cells in Mycobacterium tuberculosis(Mtb)Reactivation in HIV-Mtb co-infected Individuals	\$179,773
2017	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI124068	IMMUNOGENIC SUGAR MOIETIES OF HCMV	\$277,226
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI134017	Epidemiological impacts of broadly protective childhood HA imprinting on seasonal and pandemic influenza	\$37,837
2017	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery without need for reconstitution - Phase II	\$454,871
2017	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI136680	Structural basis for activity of and resistance to HIV integrase inhibitors	\$762,611
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,864
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120694	Discovery of novel, ubiquitin-regulated mechanisms of TB control by macrophages	\$725,970
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$443,988
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$356,625
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$310,000
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$382,762
2017	La Jolla Institute For Immunology	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$442,500
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$641,748
2017	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$556,762
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$328,442
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$396,250
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$433,988
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$358,955
2017	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$741,428
2017	La Jolla Institute For Immunology	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$442,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$385,000

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2017	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	\$307,471
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$123,468
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$396,250
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$2,074,220
2017	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$11,276,777
2017	IGE THERAPEUTICS INC	CA	R44AI122358	CTL for supertype natural IgE cytotoxic peptide (nECP) to guard against allergic asthma	\$856,276
2017	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$647,941
2017	La Jolla Institute For Immunology	CA	R01AI103021	Control of Airway Tolerance	\$442,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI105007	Cyclophilins and the IFN Response	\$401,255
2017	MAPP BIOPHARMACEUTICAL INC	CA	R01AI111391	An Immunoprotectant for Argentine Hemorrhagic Fever	\$1,029,383
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI113893	Re-engineering gp120 to include glycan-dependent epitopes	\$712,069
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$2,370,047
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	\$596,636
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Innate immune sensing of ER stress during bacterial infection	\$383,092
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$38,871
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI129479	Development of a nonhuman primate model of fetal Zika virus infection and disease	\$1,786,954
2017	STANFORD UNIVERSITY	CA	R01AI120766	Genome Editing by Homologous Recombination to Create HIV Resistant Immune System	\$400,618
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$237,750
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI112816	Role of mechanosensation in P. aeruginosa virulence and colonization	\$106,079
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI103422	CD4 T cell responses to Chlamydia infection	\$384,722
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121918	Dissecting the interactions of gp120 with chemokine receptor CXCR4	\$193,750
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI125704	Molecular mechanisms of botulinum neurotoxin neutralization	\$597,917
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125445	Fine-tuning the Neutrophilic Response to Pneumonia	\$450,348
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI126105	The role of lipid droplets in immunity to M. tuberculosis infection	\$235,500
2017	La Jolla Institute For Immunology	CA	R01AI071922	Differentiation of subsets of NKT cells	\$539,188

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2017	STANFORD UNIVERSITY	CA	R21AI125764	Extracellular vesicles, small RNAs, and intercellular communication in Entamoeba histolytica	\$237,000
2017	GIGAGEN INC	CA	R44AI124901	Recombinant Hyperimmune Gammaglobulin for Primary Immunodeficiency	\$749,659
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI122702	Origin and Potentiation of Type 2 Innate Lymphoid Cells in the Lung	\$35,959
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI122643	Human Neutrophil Response to Trichomonas vaginalis	\$60,990
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R37AI091476	Therapeutic Use of an Enhanced Form of CD4-Ig	\$951,702
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI117064	Consortium for drug-resistant Gram-negative pathogen detection	\$1,185,876
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI125885	A Sexual Transmission-Blocking Vaccine Against Chlamydia infections	\$193,125
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123729	Bacterial Mast cell conditioning modulates skin allergic reactions	\$232,500
2017	AURITEC PHARMACEUTICALS INC	CA	U44AI069674	Clinical Safety and Pharmacokinetics of Sustained Release Depot Tacrolimus	\$766,264
2017	STANFORD UNIVERSITY	CA	R01AI125197	Giant MagnetoResistive (GMR) Sensors for Measuring Influenza Vaccine	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI114575	The cell and molecular mechanisms underlying CD28 costimulation	\$396,250
2017	La Jolla Institute For Immunology	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$450,000
2017	STANFORD UNIVERSITY	CA	R01AI115469	Accelerated dissociation of IgE receptor complexes	\$390,943
2017	SCRIPPS RESEARCH INSTITUTE	CA	K99AI123498	Structural Studies of the Coronavirus Life Cycle	\$103,478
2017	STANFORD UNIVERSITY	CA	R37AI020459	Varicella-Zoster Virus: T Cell/Skin Tropisms & Immunity	\$395,441
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122155	PACAP Mediated Neural Regulation of Hepatic Inflammation in Orthotopic Liver Transplantation	\$231,000
2017	STANFORD UNIVERSITY	CA	R01AI127250	Big Data Analysis of HIV Risk and Epidemiology in Sub-Saharan Africa	\$691,929
2017	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI130066	Antimicrobial resistant E. coli before and after California Senate bill 27 (ARES): a natural experiment	\$849,858
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI133243	Generation and characterization of IRF7 conditional knockout animals	\$71,527
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI128723	Effects of Chlamydia Infection on Motile Cilia	\$221,938
2017	ISCA TECHNOLOGIES INC	CA	R44AI134144	Long Lasting Organic Semiochemical Formulation to Effectively Manage Blood Sucking Diptera	\$500,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI123360	Functional Analysis of Novel Components of the Toxoplasma Inner Membrane Complex	\$378,930
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134326	Mentoring in Patient Oriented Research on Food Insecurity, HIV and Aging	\$188,088

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2017	STANFORD UNIVERSITY	CA	R21AI133370	Biofilms and Bacteriophages in Chronic Wound Infections	\$319,444
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI129784	Targeting the HIV reservoir using optimized anti-HIV antibodies	\$410,750
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI133507	Regulation of Treg activity by controlling FOXP3 expression	\$262,500
2017	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	SB1AI097120	Commercial Readiness for SAMBA HIV-1 Whole Blood Semi-Quantitative Test for Resource Limited Settings	\$907,877
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI129540	Hepatitis B virus e antigen in viral persistence	\$412,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI132413	Infection-homing nanosystems as antibacterial therapeutics-delivery platforms	\$836,708
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI129547	Adapting to a changing environment: How surface contact induces virulence factor production in Pseudomonas aeruginosa	\$396,250
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127300	Sputum Transcriptomic Expression Profiling in Study 31: Express 31	\$1,143,898
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI127886	The Immunologic Impact of In Utero Malaria Exposure and Prenatal Chemoprevention	\$198,219
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI133393	Exploring the proteasome as a new drug target to treat schistosomiasis	\$232,500
2017	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI124566	Endothelial invasion by yeast-phase Candida	\$641,823
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117908	Ubiquitin and Psoriasis	\$396,250
2017	STANFORD UNIVERSITY	CA	R01AI125567	FUNCTIONAL ANALYSIS OF PATHOGENIC AND PROTECTIVE PEANUT ALLERGEN-SPECIFIC HUMAN ANTIBODIES	\$444,233
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI134413	Mentoring Multidisciplinary Patient-Oriented Research in Engagement in HIV Care	\$188,088
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI126296	Defining the death transcriptome of Schistosoma mansoni to construct a molecular drug screen	\$232,500
2017	STANFORD UNIVERSITY	CA	R01AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$398,138
2017	STANFORD UNIVERSITY	CA	UM1AI130839	Evaluating the role of allergen dose and duration in the safety and efficacy of multi-allergen oral immunotherapy with Omalizumab	\$235,000
2017	La Jolla Institute For Immunology	CA	U19AI118626	Human immune signatures of Dengue virus and Mycobacterium Tuberculosis exposure in infection, disease and vaccination	\$3,238,555
2017	IO THERAPEUTICS, INC.	CA	R44AI112512	Development of the RXR agonist IRX4204 to treat Multiple Sclerosis and other Immune related Diseases	\$1,000,000
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI130060	MAB Passive Vaccination against Acinetobacter baumannii	\$731,173
2017	MEISSA VACCINES INC	CA	R43AI131750	Development of polyvalent inactivated rhinovirus vaccine	\$216,388

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2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127219	Elucidating the mechanism of progesterone-induced permissivity in the upper female reproductive tract	\$396,250
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121914	Point-of-Care Electrochemical Immunosignaturing	\$198,983
2017	STANFORD UNIVERSITY	CA	R01AI132191	Advancing a broad-spectrum anti-influenza A virus RNA packaging inhibitor to an IND	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$383,645
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$382,796
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI125902	Engineering high fidelity mutations to increase safety of live-attenuated alphavirus vaccines	\$541,923
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$765,277
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$411,840
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$397,293
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,407,486
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5' noncoding region functions	\$473,389
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$392,500
2017	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$375,246
2017	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$216,443
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$326,631
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	Role of nuclear factor TOX in lymphocyte development	\$437,500
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$477,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structures of the Immunoglobulin Heavy Chain Locus	\$348,750
2017	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$914,216
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$416,250
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$2,986
2017	La Jolla Institute For Immunology	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$442,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	Role of Hematopoietic System and Proteomics in HIV-Associated Cardiovascular Disease	\$181,528
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$461,402
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI113143	Interaction between innate and Th2 lymphocytes in helminth immunity	\$197,839
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI110181	Public Health Implications of HIV Transmission Networks	\$133,527
2017	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$584,371

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2017	La Jolla Institute For Immunology	CA	R01AI106298	DIFFERENTIATION AND ANTI-VIRAL PROTECTIVE AND PATHOGENIC ROLES OF CD4 CTL	\$442,500
2017	La Jolla Institute For Immunology	CA	U19AI109976	Genetic screens for key transcriptional regulators of antiviral T cell immunity	\$2,090,598
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI029329	Enhancing the Intracellular Functioning of anti-HV RNAS	\$654,174
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$987,163
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI109208	Development of Real-Time Cellular Screening Systems for BoNT Intoxication	\$458,641
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI109452	The Role of Thymic Homing Dendritic Cells in Oral Tolerance	\$350,000
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$95,635
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114401	Eliciting antibodies to probe native trimeric gp41 for HIV vaccine design	\$574,022
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI112445	Exacerbation of colitis by Enterobacteriaceae	\$392,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116368	Timing of ART and homeostasis of the persistent HIV reservoir in the adult	\$725,934
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$391,598
2017	STANFORD UNIVERSITY	CA	R21AI123594	High throughput screening to identify compounds against Entamoeba cysts	\$197,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120867	Evolution of the Vif E3 Ubiquitin Ligase	\$59,166
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119831	Combination immunotherapy to preserve beta-cell function in the context of autoimmunity	\$231,000
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI124493	Dissecting novel mechanisms of dengue virus NS1-induced vascular leak	\$382,705
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121548	Synthesis and Studies of a New Family of Antibiotics	\$173,486
2017	La Jolla Institute For Immunology	CA	R21AI123134	Novel PTPRD interaction Controlling T cell Responsiveness	\$221,250
2017	ARISAN THERAPEUTICS INC	CA	R44AI112097	Pre-IND Development of an Arenavirus Antiviral	\$1,500,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI121360	Development of a cell-based assay to discover new bacterial anti-infective agents	\$376,662
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126516	Kupffer Cell Necroptosis and Homeostatic Function in Liver Immune Responses against Ischemia Reperfusion Injury	\$192,500
2017	La Jolla Institute For Immunology	CA	U01AI125957	Control of the Functional Fate of CD4 T Cells by LncRNA-Switch	\$535,500
2017	STANFORD UNIVERSITY	CA	R01AI121084	Small RNA regulation of gene expression in Entamoeba	\$623,315
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R33AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$514,330

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2017	STANFORD UNIVERSITY	CA	R21AI126582	Structure-based HCV vaccine design	\$193,150
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122821	Characterization of Exosomes From Semen of Uninfected and HIV-Infected Men	\$198,019
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122862	Single Cell Characterization of Latent HIV-1 Reservoirs	\$378,588
2017	La Jolla Institute For Immunology	CA	T32AI125179	Training in Immunological Mechanisms	\$334,746
2017	SILVER LAKE RESEARCH CORPORATION	CA	R42AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$989,678
2017	SCIOGEN LLC	CA	R44AI125168	Development of a novel quadrivalent seasonal influenza vaccine using E.coli production technology	\$722,269
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129871	Production of high affinity anti-glycan and anti-glycolipid antibodies	\$352,304
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI126860	Mechanisms of increased susceptibility to Salmonella colonization during malaria	\$187,395
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	\$503,705
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$437,500
2017	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI129077	A Rapid Paper Strip Nucleic Acid Test for the Point of Care Detection of Zika virus	\$299,574
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128646	Roles of RelB in tuning inflammatory and innate immune responses	\$231,000
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI123937	Developing reciprocal chromosomal translocations for wild population replacement in an important vector of human disease.	\$232,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125626	A Virus-Free Cell Platform To Discover Inhibitors Of Lassa Fever Virus	\$433,125
2017	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$402,513
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$164,994
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI122344	Antigen-specific B cell tolerance in the gut-associated lymphoid tissue (GALT)	\$487,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109059	The function of CRAC channels in airway inflammation	\$235,125
2017	STANFORD UNIVERSITY	CA	K22AI123478	Co-engaging CD23 and BCR for enhanced neutralizing antibody responses	\$160,946
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI127302	Innate Immune Surveillance of HIV-1 During Transmission and Systemic Infection	\$910,053
2017	PHASE DIAGNOSTICS INC	CA	R44AI127060	Developing a highly sensitive, rapid, handheld vaginal swab test for the detection of Chlamydia trachomatis	\$149,265
2017	LINNAEUS BIOSCIENCE, INC.	CA	R43AI131819	Identification of macrocyclic molecules with antibacterial activity	\$300,000
2017	STANFORD UNIVERSITY	CA	R01AI130398	Effects of aging on primary and secondary vaccine responses in a 15-year longitudinal cohort	\$758,055
2017	TRELLIS BIOSCIENCE LLC	CA	SB1AI102396	Therapeutic Antibody for CMV	\$999,000

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2017	EIPHANY BIOSCIENCES INC	CA	R44AI129461	Improved Diagnosis of Kaposi's Sarcoma-Associated Herpesvirus Infection	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119434	Novel Role of Enterovirus 71 VP4 in Modulation of Cell Death Pathways	\$198,504
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI125228	A model to visualize CD4 T cell responses to non-pathogenic E. coli	\$227,230
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120972	BRASL - A rapid Barcoded RNA Annealing, Selection, and Ligation assay to detect pathogens.	\$192,427
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI129299	New Genetic Tools for Accessing Anti-Infective Agents from Gram-Negative Bacteria	\$36,680
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI128913	Mapping Immune Responses to CMV in Renal Transplant Recipients	\$1,569,278
2017	AMPLYX PHARMACEUTICALS INC	CA	R44AI131864	Developing a novel antifungal targeting Gwt1 for the treatment of invasive aspergillosis and rare mold infections	\$750,293
2017	CLICK DIAGNOSTICS, INC	CA	R44AI134565	Commercialization of low cost, disposable, point-of-care molecular diagnostic device for sexually transmitted infections	\$980,734
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI134589	Point-of-care C-reactive protein-based tuberculosis screening among people living with HIV: planning a comparative effectiveness trial	\$235,938
2017	STANFORD UNIVERSITY	CA	R37AI051622	Chemical Mycobacteriology	\$468,201
2017	STANFORD UNIVERSITY	CA	R21AI133192	Structure and function of HCMV gHgL complexes	\$235,500
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI129496	Role of autophagy for Zika virus lifecycle	\$247,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI125860	Control of mucosal immunity by Gas- vs Gai-linked GPCR signaling in dendritic cells	\$461,125
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI132869	RNA-Binding Proteins in the control of B-Cell Development	\$192,500
2017	STANFORD UNIVERSITY	CA	R21AI128319	Development of a Multi-Virus, Whole Genome Sequencing Platform for Post-Transplantation Virus Characterization	\$235,500
2017	MEISSA VACCINES INC	CA	R44AI134267	Development of live attenuated respiratory syncytial virus vaccines with novel thermal stable fusion protein	\$224,093
2017	MOLECULAR EXPRESS, INC	CA	R44AI115828	Development of a Vaccine for the Prevention of Pulmonary Aspergillosis	\$934,456
2017	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R21AI121789	Specificity Determinants of Contact Dependent Inhibition	\$173,138
2017	HHV-6 FOUNDATION	CA	R13AI131614	Support for International Conference on HHV-6 and 7	\$4,000
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI129698	Rational design and B cell responses of HIV epitope vaccines	\$661,769
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U19AI129326	Environmental Modifications in sub-Saharan Africa: Changing Epidemiology, Transmission and Pathogenesis of Plasmodium falciparum and P. vivax Malaria	\$1,423,330

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2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,263,688
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI130684	Exploring the biology of O-acetyl-sialic acids using stable synthetic mimics	\$547,410
2017	STANFORD UNIVERSITY	CA	R56AI127455	Development of non-antibiotic therapeutics for Clostridium difficile infection (CDI)	\$392,500
2017	SERIMMUNE INC.	CA	R43AI129113	Digital serology for parallel parasitic disease detection	\$224,950
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$392,603
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI127406	Generating protective immunity to Staphylococcus aureus	\$570,400
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$455,346
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$425,000
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$287,254
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$383,848
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$381,319
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$509,654
2017	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$353,250
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$118,793
2017	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$305,389
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI121513	Coopting epigenetic regulators by Aire to maintain immune tolerance	\$220,495
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$460,751
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114585	RBM3 regulation of type 2 innate lymphoid cells in allergic inflammation	\$461,600
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$412,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q21, allergic inflammation, and remodeling	\$387,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$593,584
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$420,000
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113248	Fine-Scale Recombination Rate Variation in Anopheles gambiae	\$335,437
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI110782	Role of host cell protein TDP2 as VPg unlinkase during picornavirus replication	\$366,715
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$631,747
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI114363	Evaluation of novel tuberculosis screening strategies for people living with HIV	\$197,640

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2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI111435	An Integrated Tabletop Platform for Rapid Detection of XDR-TB in Clinical Samples	\$984,516
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI113867	Glycan dependent epitopes of HIV broadly neutralizing antibodies	\$962,498
2017	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$639,480
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123365	Structure and function of Hepacivirus envelope glycoprotein	\$625,625
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113270	Metabolic regulation of macrophage function during M. tuberculosis infection	\$378,443
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$4,617,038
2017	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	\$3,256,105
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI117061	Integrated Comprehensive Droplet Digital Detection (IC 3D) system for rapid detection of bacteria and antimicrobial resistance	\$955,672
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI110435	Phase IIa Clinical Trial of the Reprofiled Drug Auranofin for GI Protozoa	\$611,157
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI106695	Protective immunity following dengue virus natural infections and vaccination	\$2,857,784
2017	STANFORD UNIVERSITY	CA	R01AI118884	Role of Dendritic Cells in Mixed Chimerism and Tolerance	\$399,135
2017	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$1,490,310
2017	STANFORD UNIVERSITY	CA	R21AI121570	Antigenic targets and commensal dependence of natural Tgammadelta17 cells	\$197,935
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123024	Novel methods of pharmacologic monitoring for multidrug resistant tuberculosis treatment in the setting of HIV infection	\$751,593
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI122329	The role of a fungal metalloprotease in breaching the blood-brain barrier	\$196,250
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125000	Simplified Isoniazid Preventive Therapy (SPIRIT) Strategy to Reduce TB Burden	\$724,208
2017	VLP BIOTECH INC	CA	R41AI122594	An epitope-focused nanoparticle vaccine for MRSA and biodefense	\$272,381
2017	STANFORD UNIVERSITY	CA	U19AI123862	Profiling the protective B cell response to HCV	\$752,246
2017	STANFORD UNIVERSITY	CA	R21AI119686	Plasmacytoid Dendritic Cell microRNAs in Transplantation	\$200,375
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI126011	Role of Pld4 in nucleic acid sensing and interferon production	\$240,625
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI122980	An AAV Approach to Treating HIV	\$59,640
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K22AI122824	Regulation of HIV-1 and related lentiviruses by the DNA damage response	\$106,573

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2017	GENEFLUIDICS INC	CA	SB1AI088756	Near patient molecular diagnostics test for infections	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI129894	Glycan array for phenotype-driven capture and genotyping of viruses in primary isolates	\$300,700
2017	MASIMO CORPORATION	CA	R01AI123115	MalariSense: Transdermal Bloodless and Reagent-Free Malaria Diagnostics	\$478,290
2017	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$512,462
2017	La Jolla Institute For Immunology	CA	R21AI113349	Necroptosis and adaptive immunity to virus infection	\$215,537
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI122389	Use of Protein Biomarkers to Identify Latent/Persistent HIV Infected Cell Reservoirs Without Induced Reactivation	\$138,442
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127489	Treatment and Prevention of Systemic Candidiasis	\$198,125
2017	OSSIUM HEALTH, INC.	CA	R43AI129444	Deceased Donor Bone Marrow Salvage and Processing	\$272,587
2017	INHIBRX LP	CA	R44AI129161	Development of multispecific antibodies for the treatment of Pseudomonas aeruginosa infection	\$1,223,854
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI113272	Regulation of Innate Immune Signaling by Lyn Kinase	\$396,250
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	U01AI115715	Mucosal and Systemic Immune Responses to Influenza Virus	\$427,852
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$481,250
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI126191	The IRF-type I interferon system during gestation	\$193,750
2017	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	SC2AI133653	Using Psidin to Study the Regulation of Phagocytosis vs Autophagy Pathways	\$139,100
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127639	Novel Therapeutics for Treatment of River Blindness and Lymphatic Filariasis	\$263,752
2017	SCRIPPS RESEARCH INSTITUTE	CA	U01AI130842	PTPN22 R619W in NOD mice	\$762,655
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI129706	Enhancement of Infectivity by HIV-1 Nef via Antagonism of SERINC Proteins	\$600,097
2017	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R43AI134104	Production of stabilized trimeric HIV Env protein in maize	\$149,928
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI126726	Peptide-based signaling and virulence in Cryptococcus neoformans	\$376,607
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113923	Positive Immune-regulators During Chronic Viral Infections	\$459,066
2017	VIVREON BIOSCIENCES, LLC	CA	R43AI134205	Predevelopment of VV2003, a Novel CRAC Channel Inhibitor, for the Treatment of Ulcerative Colitis	\$219,975
2017	J DAVID GLADSTONE INSTITUTES	CA	P01AI131374	Exploiting the Host-HIV Interface To Identify Biomarkers Predicting Time to Viral Rebound after Treatment Interruption	\$1,769,583
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI124146	Regulation of B cell differentiation by eIF4E	\$183,705
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI133902	Remodeling of the Host Ubiquitin Landscape by Chlamydia trachomatis	\$56,694
2017	TRELLIS BIOSCIENCE LLC	CA	SB1AI120425	Therapeutic Antibodies for Biofilm Infections	\$999,953

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2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI129206	SINGLE-CELL TRANSCRIPTOMIC ANALYSIS OF HIV-INFECTED CD4 T CELLS IN BLOOD AND LYMPHOID TISSUE USING PCR-ACTIVATED CELL SORTING	\$481,092
2017	UNIVERSITY OF CALIFORNIA	CA	U01AI125956	Paneth Cell Secreted Effectors in Mucosal Innate Immunity	\$461,564
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$673,558
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI129534	Viral kinetics, immunity and transmission of ZIKV: an exploratory analysis in preparation for vaccine development	\$201,907
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI129302	Engineering the innate immune response to Staph aureus infection	\$380,657
2017	STANFORD UNIVERSITY	CA	R01AI132494	Role of nociceptive sensory neuron/mast cell interactions in cutaneous allergic inflammation	\$481,734
2017	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$437,573
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI126611	Delaney AIDS Research Enterprise to Cure HIV	\$5,493,761
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI128556	Modulation of Lassa Virus vRNP Activity By Host Cell Factors	\$312,516
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI130471	Progenitor Cells for High Endothelium in the Immune Response	\$426,837
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$2,370,023
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$396,250
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$542,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer's disease	\$412,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$555,257
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI132317	Germline targeting influenza immunogens	\$1,417,715
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000
2017	La Jolla Institute For Immunology	CA	R01AI125068	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	\$848,466
2017	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$397,844
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,616,765
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI122528	Regulation of Gammaherpesviral Late Gene Expression	\$370,256

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2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$348,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$515,207
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI114787	Manipulating collectivity and Niches for Developing CD8 Immunity	\$447,669
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$252,476
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$475,560
2017	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$996,606
2017	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$845,812
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$883,166
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$658,721
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$201,960
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	\$677,639
2017	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$857,077
2017	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$394,389
2017	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$417,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$385,000
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$408,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$183,061
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$3,312,665
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	\$569,192
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$199,519
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$941,479
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI110713	Analyzing a novel mechanism of action of bacterial cAMP producing toxins	\$537,892
2017	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$2,659,329

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2017	La Jolla Institute For Immunology	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$442,500
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$392,500
2017	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI107936	A new approach to quantitative, point-of-care serology	\$358,022
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI109599	E-proteins and EBF1 in B cell differentiation	\$387,500
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI097552	Role of Lipid Droplets in Hepatitis C Virus Infection	\$477,500
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI106895	Regulation of Chronic Viral Infections	\$487,500
2017	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$3,651,503
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117001	Pharmacodynamics of Antimalarial Chemoprevention	\$681,596
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI120009	High-throughput Deep Sequencing Assay to Reliably Measure the HIV Reservoir during Antiretroviral Therapy	\$758,646
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI116392	Cell Phone Video Directly Observed Therapy to Monitor Short Course LTBI Treatment	\$628,162
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI114625	Development of siderophore-based vaccines against non-typhoidal Salmonella infection	\$363,407
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI118432	Towards HIV eradication using a novel Tat inhibitor	\$450,960
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$701,321
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121393	Multidimensional Single Cell Analysis of the Germinal Center Reaction	\$602,275
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01HD087046	Optimization of ERRg-specific ligands as in vivo Chemical Probes	\$398,400
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI123105	Early HIV Effects on Gut Immunity and Inflammation for Seeding Viral Reservoirs	\$769,753
2017	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R03AI123877	Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage	\$75,146
2017	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI123390	Mechanism of action of novel Anopheles active toxins	\$387,500
2017	La Jolla Institute For Immunology	CA	R01AI123398	Regulation of innate lymphoid cells in inflammation	\$442,500
2017	STANFORD UNIVERSITY	CA	R21AI115313	Targeting B Cell MicroRNA in Post-Transplant EBV-Associated B Cell Lymphoma	\$197,731
2017	RAND CORPORATION	CA	R01AI118705	Modeling the Coupled Dynamics of Influenza Transmission and Vaccination Behavior	\$416,597
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI122211	Structure Determination of the Chemokine Receptor CCR2 with Novel Inhibitors	\$193,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122908	Comparison of Pharmacologic Markers of Exposure to HIV Pre-Exposure Prophylaxis	\$79,250
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI123920	Structural mechanism for recognition of host receptor by botulinum neurotoxin A	\$193,125
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$587,131

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2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI126344	Regulatory Role of Splicing In Inflammation	\$164,300
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$526,616
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122131	Interferon gamma-Producing Th17 Subsets: Major Contributors to "Th1" Diseases	\$79,250
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125104	TAT Transactivation	\$396,250
2017	STANFORD UNIVERSITY	CA	F32AI126674	Natural Killer Cell Diversity and Epigenetics in Vaccine Responses	\$57,066
2017	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109439	T cell driven antigen discovery for vaccine candidates for human Chagas disease	\$227,500
2017	STANFORD UNIVERSITY	CA	R21AI127128	Multidimensional Analysis of Immune Status of Latent M. Tuberculosis Infection	\$197,500
2017	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R33AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$457,171
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$102,896
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131081	Mutagenic chain reaction-facilitated immunotherapy	\$651,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI127864	NFkB Signaling in Macrophages	\$385,000
2017	STANFORD UNIVERSITY	CA	R21AI123896	Genome Editing to rescue FOXP3 Deficiency in IPEX syndrome	\$199,558
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI126943	Allograft rejection and salvage therapy with chimeric antigen receptor T-regulatory cells in murine hindlimb transplant	\$62,922
2017	IMMPORT THERAPEUTICS INC	CA	R43AI132078	Specific Detection of Antibodies to Emerging and Established Arboviruses Including Zika Virus	\$224,958
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129401	Expression of gamma delta TCR ligands in development	\$288,750
2017	BIOSYNESIS, INC.	CA	R43AI131710	Development of Novel Protease Activity-Based Diagnostics for the Rapid Identification of Candida Infections	\$299,988
2017	STANFORD UNIVERSITY	CA	R01AI116698	AAV capsid engineering for enhancing gene transfer	\$593,119
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI118592	Childhood Tuberculosis Infection Among School-Age Children in Rural Uganda	\$194,381
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI130653	Distinct functions of Orai1 and Orai2 in naive and effector helper T cells	\$192,500
2017	IGE THERAPEUTICS INC	CA	R44AI126680	Broadly neutralizing(BN) pan-IgE supersite vaccine for allergic asthma	\$813,544
2017	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI114701	The effect of binding of fH to meningococcal fHbp vaccine on antibody protection	\$627,269
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124199	DNA structure modification by the Schlafen protein family	\$181,068
2017	NIRMIDAS BIOTECH INC	CA	R21AI131689	A Nanoscale Plasmonic-Gold Platform for Specific Diagnosis of Zika and Differentiation from other Flavivirus Infections	\$190,525

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2017	UNIVERSITY OF CALIFORNIA	CA	R00AI119401	Dissecting the drivers of avian influenza virus reassortment in the wild bird reservoir	\$270,227
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI132084	Role of Microbiome Sodium Butyrate in regulation of ILC2 dependent airway hyperreactivity	\$247,500
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$385,509
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI133116	Neuro-immune mediated control of mucosal immunity	\$227,984
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P01AI131294	Defining Factors Controlling HIV Rebound	\$1,540,000
2017	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI132034	Development of two simple and robust point-of-care assays for detection and therapy monitoring of hepatitis B in resource-limited settings	\$968,003
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$3,038,108
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI127751	Specialization of regulatory T cell-mediated immune regulation during Toxoplasma infection	\$280,000
2017	CEDARS-SINAI MEDICAL CENTER	CA	R21AI133452	Role of protein citrullination in innate immunity	\$218,750
2017	INHIBRX LP	CA	R43AI129162	Development of Multispecific Antibodies for the treatment of Methicillin Resistant Staphylococcus ? aureus (MRSA) infection	\$224,402
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI134037	Single cell enzymatic discovery and antibiotic targeting	\$227,134
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI121174	Unconventional Sources of Peptides for Antigen Presentation	\$516,094
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI134295	Effect of Sex Hormones on HIV persistence	\$232,500
2017	STANFORD UNIVERSITY	CA	R01AI127877	Storage and recall of human B cell memory of influenza over tissues and time	\$407,050
2017	UNIVERSITY OF CALIFORNIA	CA	R21AI128886	Systemic infections with non-typhoidal Salmonella	\$235,500
2017	SCRIPPS RESEARCH INSTITUTE	CA	R21AI128598	Role of Siglec-10/G as a tumor suppressor in B-cells	\$336,875
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI133337	Single-cell sequencing of peripheral blood cells in SLE patients	\$198,125
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI125842	Spatio-temporal data integration methods for infectious disease surveillance	\$774,780
2017	STANFORD UNIVERSITY	CA	R01AI125320	Viral GPCR recognition of chemokines and engineered ligands	\$395,000
2017	La Jolla Institute For Immunology	CA	R01AI121426	Epigenome-wide association study of childhood asthma	\$812,769
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI130210	Immune Surveillance of Antigen Processing Pathway	\$535,188
2017	STANFORD UNIVERSITY	CA	R21AI127581	Parasite-specific proteasome inhibitors to combat multi-drug resistant malaria	\$231,625
2017	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$158,255
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,234,284
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,521,253
2017	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$481,343

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2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI116946	The function of chemotactic signal transduction during colonization and disease	\$534,498
2017	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$1,006,235
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120464	Epigenetic control of virulence in a fungal meningitis pathogen	\$385,657
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$697,049
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,308
2017	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$981,301
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$392,500
2017	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,250
2017	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$4,104,239
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$344,250
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,897,197
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$213,969
2017	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$382,052
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$3,210,348
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$392,500
2017	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$424,658
2017	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$632,042
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$686,758
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$396,250
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$1,641,447
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$3,311,878
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$386,862
2017	UNIVERSITY OF CALIFORNIA	CA	P01AI098670	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$1,842,482
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI112016	Topical Microbicides: Targeted Intracellular Delivery	\$558,194
2017	J DAVID GLADSTONE INSTITUTES	CA	R01AI109593	Stochastic Gene Expression in Retroviral Latency	\$440,195

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2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI103218	How do enteroviruses almost completely evade the attentions of CD8+ T cells?	\$421,232
2017	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	\$578,724
2017	La Jolla Institute For Immunology	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$732,684
2017	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNI	CA	R01AI111451	A Novel Live Non-replicating Universal Vaccine for Influenza	\$892,212
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$457,124
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI112394	HIV-1 Modulation of the Ubiquitinome and Its Effects on Cell-to-Cell Transmission	\$197,858
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI110621	Analyzing the effects of type I interferons in the enterovirus-infected heart	\$675,205
2017	La Jolla Institute For Immunology	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profiles of Human Immune Cells	\$899,177
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI113009	Explore FOXP3's role in the 3D organization of the genome	\$412,500
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$397,108
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114615	Coxsackieviral pancreatitis: autophagy, proteolysis, and inflammation	\$667,553
2017	RETROVIROX INC	CA	R44AI100778	An immune-based approach for HIV eradication	\$665,610
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI118451	Reservoir depletion and anti-retroviral therapy for infant functional cure	\$913,753
2017	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$417,600
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118985	The structural plasticity of chemokine and gp120 recognition by CCR5	\$535,286
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	\$419,973
2017	AMPLYX PHARMACEUTICALS INC	CA	R44AI125017	Developing a Novel, Fungicidal Therapeutic to Treat Coccidioidomycosis	\$732,374
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI124236	GSDMB and mucosal allergic response	\$984,276
2017	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI100376	Developing small molecule inhibitors of TLR8 for treatment of rheumatoid arthritis	\$406,490
2017	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R33AI110149	HIV-specific nucleases to reservoir cells	\$495,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI125106	Novel Dense Granule Protein Function in the Chronic Toxoplasma Infection	\$192,500
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI119019	Novel serologic assays of P. falciparum exposure for improved surveillance in control and elimination.	\$538,598
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125080	Bone quality and marrow adiposity in subjects with HIV	\$558,785
2017	La Jolla Institute For Immunology	CA	R21AI122258	Deubiquitination in Immune Regulation	\$221,250

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2017	SCRIPPS RESEARCH INSTITUTE	CA	U19AI123861	Cooperative Center for the study of HCV antibody responses and vaccine antigens	\$918,736
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114730	Influenza virus receptors on human airway epithelial cells	\$585,843
2017	STANFORD UNIVERSITY	CA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$195,156
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126037	A heterogeneous stock paradigm of dissecting complex traits in Peromyscus leucopus, a major natural host of Lyme disease and other emerging infections	\$154,500
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI124743	HIV latency reversal through novel, potent PKC modulators	\$628,963
2017	UNIVERSITY OF CALIFORNIA	CA	R01AI117890	Protective humoral immunity to influenza infection	\$485,276
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127297	Role of TLR3 pathway in HIV infection	\$247,532
2017	J DAVID GLADSTONE INSTITUTES	CA	F32AI127291	Reactivation of Innate Immune Response Pathways as Treatment for HIV Infection	\$59,166
2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$583,374
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI125103	Regulation of HIV-1 Replication by Cellular lncRNAs	\$193,750
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI129508	Fetal Zika virus infection: role of the human placenta	\$197,523
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI125365	Analyses of the Antiviral and Antifibrotic Mechanisms of Action of NS5A and Cyclophilin Inhibitors	\$481,250
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI128728	TET2 in Host Defense Against Infection	\$222,662
2017	SCRIPPS RESEARCH INSTITUTE	CA	F31AI131873	Broadening autologous Tier 2 anti-HIV neutralizing antibodies	\$31,044
2017	MOLECULAR EXPRESS, INC	CA	R43AI131788	VesiVax? Peanut Allergy Immunotherapy	\$300,000
2017	PLANET BIOTECHNOLOGY INC	CA	R43AI122551	A mucosally targeted MERS-CoV vaccine produced in plants	\$236,488
2017	UNIVERSITY OF CALIFORNIA, MERCED	CA	R21AI125801	Regulation of Sexual Biofilm Development in Candida albicans	\$211,250
2017	SYNTHETIC GENOMICS VACCINES, INC.	CA	R21AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$189,526
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123210	Novel Strategies for Controlling Persistent Viral Infection	\$481,250
2017	STANFORD UNIVERSITY	CA	U01AI131302	Impact of HIV exposure, feeding status, and microbiome on immune ontogeny and vaccine responses in infants	\$433,546
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$472,064
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI132030	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$717,574
2017	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI129191	Memory T cell development and survival in T cell responses of older individuals	\$360,701

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI121890	Analysis of Protein Synthesis in Bacterial Persisters	\$183,471
2017	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127850	Biological consequences of enzymatic inactivation of Pseudomonas pyocyanin	\$540,206
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI128214	Protein secretion in bacterial pathogens	\$396,250
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI130303	Visualizing epithelial network connectivity in thymus biology, aging, and regeneration	\$474,433
2017	GIGAGEN INC	CA	R44AI115892	Production Technology for Recombinant Intravenous Immunoglobulin	\$1,000,000
2017	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI125350	Mechanisms of HBV-Induced Innate Immunity	\$387,500
2017	ARADIGM CORPORATION	CA	R44AI134572	In vitro and in vivo efficacy of liposomal ciprofloxacin formulations against Mycobacterium avium and Mycobacterium abscessus	\$486,599
2017	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI127414	Determining the role for lincRNA-Cox2 in host defense against infection	\$269,500
2017	STANFORD UNIVERSITY	CA	F30AI120510	Disrupting IgE:FceR1a Interactions: Novel Therapies for Allergic Disease	\$37,544
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI118594	Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients	\$2,183,234
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI128796	Maturation, Infectibility, and Trauma(MIT) Contributes to HIV Susceptibility in Adolescents	\$632,229
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118974	Subversion of membrane transport pathways by Legionella pneumophila	\$396,250
2017	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123130	Biology of ?-linked glycosylceramides in the immune system	\$746,384
2017	La Jolla Institute For Immunology	CA	R21AI127988	Targeting Angiogenesis Pathways for Therapeutic Protection against Dengue	\$270,000
2017	Lucira Health, Inc.	CA	R44AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnostics	\$696,136
2017	GENTEGRA LLC	CA	R44AI132032	Stabilization of the RNA Complement of Enveloped Viruses: Beta Testing and Manufacturing Scale-up of a Novel Filter Paper Product for the Field Collection of Dried Blood Spots	\$909,182
2017	PLANET BIOTECHNOLOGY INC	CA	R41AI129106	A novel anti-gonorrhea immunotherapeutic	\$242,093
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$593,576
2017	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI116885	Regulation of TH17 Cell Development and Function by the REV-ERBs	\$480,000
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI122282	Understanding the influence of SREBP signaling on CD4 T helper cell biology	\$385,000
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$386,250
2017	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$608,049

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2017	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI124843	Development of SMAC mimetics as latency-reversing agents	\$663,969
2017	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$645,837
2017	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$33,894
2017	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$376,618
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F31AI115920	Mouse polyomavirus (MPyV) activation of intracellular signaling pathways upon binding to cell surface gangliosides and the alpha-4-integrin receptor	\$13,703
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI042189	Enterovirus RNA translation and replication.	\$382,645
2017	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	\$476,768
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$441,714
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$225,095
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$225,203
2017	NATIONAL JEWISH HEALTH	CO	R21AI125085	Molecular Mechanisms of MHCII Recognition by CD8 T Cells in HIV Non-Progressor Patients	\$277,375
2017	UNIVERSITY OF DENVER	CO	R21AI127192	Defining the three-dimensional organization and dynamics of HIV-1 Envelope using superresolution microscopy	\$181,498
2017	COLORADO STATE UNIVERSITY	CO	R21AI129464	Zika virus urogenital tropism, pathogenesis and sexual transmission	\$211,838
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126782	Cellular Stress Responses and Infectious Agents	\$8,000
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126781	TGF-beta in Immunity, Inflammation and Cancer	\$7,000
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131607	Integrating Metabolism and Immunity	\$8,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R13AI129271	11th Molecular and Cellular Biology of Helminth Parasites Meeting	\$5,000
2017	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI134063	Seventeenth Annual Meeting of the Rocky Mountain Virology Association	\$8,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI134084	Single cell analysis of virus and host gene expression in gammaherpesvirus infection	\$233,250
2017	COLORADO STATE UNIVERSITY	CO	R01AI123234	Modeling the molecular evolution of SIV to HIV using humanized mice	\$477,633
2017	COLORADO STATE UNIVERSITY	CO	R21AI128374	Assessing the genetic basis of arboviral salivary gland escape barriers in Aedes aegypti.	\$188,750
2017	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$420,348

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2017	NATIONAL JEWISH HEALTH	CO	R01AI107022	Innate Effectors and Type-2 Inflammation	\$396,250
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$674,895
2017	COLORADO STATE UNIVERSITY	CO	R01AI123136	Flavivirus non-coding RNAs and the Host mRNA Decay Machinery	\$372,709
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI125869	Genome analysis of Ascaris programmed DNA elimination	\$233,250
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI128965	B Cells and T Follicular Helper Cells ? Controlling Long-Lived Immunity	\$9,000
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI134089	Vectors, Pathogens and Diseases: Current Trends and Emerging Challenges	\$6,500
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI134087	Antimicrobials and Resistance: Opportunities and Challenges	\$5,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$350,161
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI128069	Implementation and Effectiveness of a Rapid Cerebrospinal Fluid Diagnostics Program for Children with Suspected Central Nervous System Infection	\$176,147
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI131662	NK cell IL-10 production during bacterial infections	\$480,003
2017	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$398,037
2017	INDEVV LLC	CO	R44AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$395,688
2017	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$396,250
2017	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$374,137
2017	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI116993	Ultrarapid culture-independent detection of high-priority carbapenem resistant Enterobacteriaceae directly from blood	\$914,354
2017	COLORADO STATE UNIVERSITY	CO	R01AI120670	Aerosol spectinomide-1599 therapy against tuberculosis	\$848,545
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124076	Regulation of Natural Killer T cell lineage diversification by the Src-like Adaptor protein 2	\$191,323
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129385	Microbiome in Health and Disease	\$5,000
2017	COLORADO STATE UNIVERSITY	CO	R21AI129488	Design and validation of a rapid assay for Zika virus in biofluids and insect vectors	\$222,546
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI134220	Role of Type I IFNs in Mucosal HIV-1 Immunity and Pathogenesis	\$549,857
2017	COLORADO STATE UNIVERSITY	CO	R03AI128657	Serologic and virologic surveillance of bat and non-human primate samples for Zika virus in East Africa	\$76,000
2017	COLORADO STATE UNIVERSITY	CO	R01AI125454	Improving combination chemotherapy of tuberculosis: a computational approach	\$714,308

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2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121209	Cooperation between lymphatic stroma and hematopoietic cells shapes protective immunity	\$385,420
2017	NATIONAL JEWISH HEALTH	CO	K01AI125726	Genetic Epidemiology of Nontuberculous Mycobacteria for Predicting Host Specificity and Lung Disease Outcomes	\$111,420
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$459,069
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$463,511
2017	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$249,653
2017	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$604,029
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	\$77,750
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$454,935
2017	COLORADO STATE UNIVERSITY	CO	R01AI112956	Detection and Characterization of Blood-borne Prions	\$454,741
2017	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$390,061
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129343	Viral Immunity: Mechanisms and Consequences	\$10,000
2017	NATIONAL JEWISH HEALTH	CO	R21AI121980	A Universal Strategy for Inducing Tolerance to Therapeutic Mab	\$198,125
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI129569	Understanding pathogenic noncoding RNA production in Zika Virus infection	\$229,125
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI120622	Restoration of immunity and function with DAA treatment in HCV infection	\$388,750
2017	COLORADO STATE UNIVERSITY	CO	R21AI130929	Mechanisms of Susceptibility and Resistance of Mycobacterium tuberculosis to Isoxyl and Thiacetazone	\$208,087
2017	COLORADO STATE UNIVERSITY	CO	R13AI131610	2nd International Infectious Diseases of Bats Symposium	\$6,000
2017	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$6,000,000
2017	COLORADO STATE UNIVERSITY	CO	R21AI125996	Predicting genetic determinants of Zika virus emergence	\$227,875
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI126453	Chemical Probes for Bacteria-Macrophage Interactions	\$231,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114555	Integrative Genomics in Asthmatics of African Descent	\$801,793
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$388,750
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108725	Mechanisms of immune suppression during arthritogenic alphavirus infections	\$382,312
2017	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$513,570

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2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F31AI118223	Regulation of Nucleotide Pools Mediates Recovery from Nitric Oxide-Induced Cytotoxicity in Salmonella	\$31,385
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124474	Studies of human B cell tolerance, from a humanized mouse model to human beings	\$413,675
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124859	Impact of ART Adherence on HIV Persistence and Inflammation	\$245,324
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI119391	Esophageal Haemophilus influenzae contribution to Eosinophilic Esophagitis	\$194,375
2017	COLORADO STATE UNIVERSITY	CO	R01AI120365	Assay Development for Identification of HIV-1 Protease Autoprocessing Specific Inhibitors	\$378,605
2017	NATIONAL JEWISH HEALTH	CO	R21AI128738	Role of T-bet+CD11c+ B Cells in Sarcoidosis	\$198,125
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129342	Malaria: From Innovation to Eradication	\$8,000
2017	COLORADO STATE UNIVERSITY	CO	R21AI129593	Role of cell tropism for Zika virus transmission and pathogenesis	\$227,250
2017	COLORADO STATE UNIVERSITY	CO	R21AI130497	Pathological Implications of Repression of Cellular RNA Decay by Zika Virus	\$222,436
2017	AEROPHASE CORPORATIION	CO	R43AI132067	Treatment of NTM Respiratory Infections with Inhaled Drug Delivery	\$300,000
2017	COLORADO STATE UNIVERSITY	CO	U01AI115619	Biology and Biosignatures of Anti-Tuberculosis Treatment Response	\$585,300
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI128296	Multiplex sequence to activity mapping at the pathway scale	\$231,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI121761	Inherent reactivity of T cell antigen receptors for MHC molecules	\$191,045
2017	NATIONAL JEWISH HEALTH	CO	R01AI125553	Regulation of T Cell Extravasation and Activation by Ena/Vasp Proteins	\$396,250
2017	COLORADO STATE UNIVERSITY	CO	R01AI127475	Vaccine induced memory immunity in tuberculosis	\$380,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$459,662
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$385,531
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI117918	Lymphatic endothelial cell capture and maintenance of antigen	\$382,645
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI129592	HIV Vaccines	\$29,500
2017	COLORADO STATE UNIVERSITY	CO	R01AI120021	An Ultrasensitive In Vivo Latent HIV Viral Outgrowth Assay Using Humanized Mice	\$683,227
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124487	Autoimmunity risk alleles compromising B cell anergy	\$457,386
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122092	Targeting ER Stress in Inflammatory Bowel Disease	\$194,375
2017	INDEVR LLC	CO	R44AI106054	Innovative Optical System for Hemagglutination Assays	\$994,754

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2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI128981	Type I Interferon: Friend and Foe Alike	\$9,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI131360	Tregs, Gut Microbiome and Immune Responses in HIV-Exposed and Unexposed Infants	\$418,888
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131602	Modeling Viral Infections and Immunity	\$12,500
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI129426	Connecting Epigenetic Regulator MLL1 to ERK and Survival Signaling in B cells	\$228,355
2017	OP-T-MUNE INC	CO	R41AI129571	Screening for the autoimmune component of multiple sclerosis	\$299,002
2017	COLORADO STATE UNIVERSITY	CO	R01AI121211	Insecticide Resistance Management to Preserve Pyrethroid Susceptibility in Aedes aegypti	\$334,031
2017	DENVER RESEARCH INSTITUTE	CO	R21AI121605	The role of T regulatory cells in cigarette smoke-induced susceptibility to tuberculosis	\$121,432
2017	NATIONAL JEWISH HEALTH	CO	UM1AI130780	National Jewish Health CoFAR Clinical Research Unit	\$234,998
2017	OP-T-MUNE INC	CO	R41AI131784	Developing a small peptide to control autoimmune inflammation in type 1 diabetes	\$297,387
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114054	Chromatin diminution in nematodes	\$574,913
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI116603	APOBEC3/Rfv3 and Immunoglobulin Somatic Hypermutation	\$493,499
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$108,109
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126942	Biologics as Drugs: Novel Strategies for Better Treatments of Human Disease	\$17,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$192,202
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114903	Centralized IIS-Based Reminder-Recall to Increase Influenza Vaccination Rates	\$680,992
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124488	Perturbation of B cell anergy in T1D	\$194,375
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121474	Macrophages, Granulomas, and Bacterial Persistence	\$231,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121253	Targeting chemosensory signaling in Aedes aegypti mosquitoes	\$484,885
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI122463	Mechanisms of adaptive immune suppression during pathogenic chikungunya virus infection	\$58,666
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI131639	Testing an alternative model of central B cell tolerance	\$194,375
2017	COLORADO STATE UNIVERSITY	CO	R01AI114675	A High-Throughput Screen for Antiviral Inhibitors of the Alphavirus RNA Capping Enzyme	\$371,750
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131600	Cell Death and Inflammation	\$9,000

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2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F31AI122517	Mechanisms of monocyte-mediated control of alphavirus infection	\$31,385
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122670	Developing a new model for EBV-mediated T cell diseases	\$233,250
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI134129	The role of innate immunity in the acquisition of sterile protection against TB infection	\$222,072
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI126899	Molecular and cellular basis of Combined Adjuvant-Elicited Cellular Immunity	\$500,482
2017	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$395,662
2017	COLORADO STATE UNIVERSITY	CO	F31AI134108	Temperature dependent impacts of RNA virus population evolution	\$33,821
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$388,750
2017	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$419,611
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	\$860,518
2017	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$38,244
2017	NATIONAL JEWISH HEALTH	CO	R01AI110408	Reversal of Inflammatory Processes in CGD	\$396,250
2017	NATIONAL JEWISH HEALTH	CO	R21AI122135	Control of IL-4 by gamma/delta T Cells	\$202,964
2017	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI131438	Mononuclear Phagocytes in Health, Immune Defense and Disease	\$10,500
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI122298	Novel approaches for quantitative assessment of adherence	\$631,308
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121300	Non-coding RNAs in Gammaherpesvirus Infection and Disease	\$385,420
2017	MBC PHARMA INC	CO	R43AI127359	Bone Targeted Antibiotics	\$300,000
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI133348	Mechanisms of viral RNA maturation by co-opting cellular exonucleases	\$382,258
2017	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI128443	Molecular Mechanisms of Cytokine Induced Insulin Resistance	\$203,768
2017	AURORA ONCOLOGY INC	CO	R43AI131870	Development of Antimicrobial Peptides to Target Gram-negative Pathogens	\$299,971
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$477,374
2017	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$416,250
2017	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$657,569
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI111957	Antimetabolites Effective against Resistant Gram-positive Bacteria	\$543,157
2017	YALE UNIVERSITY	CT	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$532,316

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2017	YALE UNIVERSITY	CT	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$562,005
2017	UNIVERSITY OF CONNECTICUT	CT	R21AI121885	Molecular mechanisms of dense granule trafficking in Toxoplasma gondii	\$241,568
2017	YALE UNIVERSITY	CT	R01AI127642	Targeting of somatic hypermutation in the genome	\$417,987
2017	YALE UNIVERSITY	CT	F32AI114097	Rare genetic variants associated with virus-induced asthma susceptibility	\$67,410
2017	YALE UNIVERSITY	CT	R21AI131015	Discovery of NR4A1/2 ligands controlling tissue-resident memory T (Trm) cells	\$251,250
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI123864	Cellular Mechanisms of Viral Control	\$401,242
2017	YALE UNIVERSITY	CT	R01AI032524	Mechanism and Targeting of V(D)J Recombination	\$439,551
2017	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$418,750
2017	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$416,250
2017	YALE UNIVERSITY	CT	R01AI123321	Development of endochin-like quinolones for babesiosis therapy	\$688,626
2017	YALE UNIVERSITY	CT	R21AI126604	Studying lupus Th17 cell characteristics and their modulations by IL-27	\$209,375
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI121069	Developing a screening campaign for immune enhancers	\$318,566
2017	YALE UNIVERSITY	CT	R01AI123204	Effectiveness of HPV Vaccine by Age at Immunization as Used in Clinical Practice	\$436,173
2017	L2DIAGNOSTICS, LLC	CT	R41AI134497	Validation of a Diagnostic Test for Borrelia miyamotoi	\$299,905
2017	YALE UNIVERSITY	CT	U01AI132895	Ex Vivo Nanoparticle Drug Delivery Targeted to Human Renal Allograft Endothelium	\$418,750
2017	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$3,013
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$530,238
2017	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$800,174
2017	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$2,654,197
2017	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$501,819
2017	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$234,138
2017	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$2,756,640
2017	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$487,260
2017	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$544,169
2017	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$611,999
2017	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$416,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$416,250
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$696,770
2017	YALE UNIVERSITY	CT	F32AI122864	Optimizing HIV reverse transcriptase inhibitors through structural, kinetic and cellular approaches	\$57,866
2017	YALE UNIVERSITY	CT	F32AI126660	RNA-Protein Interactions During Hepatitis C Virus Infection	\$58,666
2017	YALE UNIVERSITY	CT	R21AI124116	Modulation neuroinflammation through interference of cooperative microRNA-RNA-binding protein interactions	\$167,500
2017	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$407,503
2017	YALE UNIVERSITY	CT	F31AI118233	Population genomics of Borrelia burgdorferi, the tick-borne agent of Lyme disease	\$28,770
2017	L2DIAGNOSTICS, LLC	CT	R43AI129126	A Rapid, Low-Cost Point of Care Diagnostic for detection of Zika virus RNA	\$225,000
2017	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	\$476,084
2017	YALE UNIVERSITY	CT	R01AI126033	The role of tick gut microbiota in Borrelia burgdorferi transmission to mice	\$405,250
2017	YALE UNIVERSITY	CT	R13AI133971	The 24th International Symposium on Hepatitis C Virus and Related Viruses	\$5,000
2017	YALE UNIVERSITY	CT	U01AI115648	Control of Tsetse Fly Transmitted Diseases in Kenya	\$664,374
2017	YALE UNIVERSITY	CT	R01AI122220	Genomics of NF κ B-mediated gene regulation in multiple sclerosis	\$728,582
2017	YALE UNIVERSITY	CT	F30AI129265	Cell-intrinsic mechanisms of endogenous retroviral control	\$28,734
2017	YALE UNIVERSITY	CT	R21AI123984	Targeting intrinsic resistance to combat multi-drug resistant P. aeruginosa	\$250,575
2017	YALE UNIVERSITY	CT	R13AI132017	21st International Workshop on HIV and Hepatitis Observational Databases (IWHOD)	\$58,000
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI123131	Transplantation of ESC-derived thymic epithelial progenitors expressing autoantigen(s) ameliorating experimental autoimmune encephalomyelitis	\$395,000
2017	TANGEN BIOSCIENCES, INC.	CT	R43AI134273	Rapid Detection of multiple sepsis pathogens	\$169,001
2017	YALE UNIVERSITY	CT	R01AI121183	Mechanisms regulating fetal membrane and neutrophil responses to polymicrobial infection	\$566,647
2017	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$154,125
2017	UNIVERSITY OF CONNECTICUT	CT	R03AI128461	Creating a Chemical Probe to Identify the Target of a Novel Immune Suppressing Compound	\$79,750
2017	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$456,724

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	YALE UNIVERSITY	CT	R01AI116313	Recognition of Viral DNA by APOBEC3 Proteins and their Antagonization by HIV Vif	\$414,797
2017	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$501,540
2017	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$416,250
2017	YALE UNIVERSITY	CT	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$393,067
2017	YALE UNIVERSITY	CT	R21AI124055	The Role of a PARP1 Genetic Variant in Development of Lupus	\$207,098
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI118943	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$385,998
2017	UNIVERSITY OF CONNECTICUT	CT	R21AI128681	Rapid development and testing of Zika virus vaccine candidates	\$192,254
2017	UNIVERSITY OF CONNECTICUT	CT	R21AI128737	Rapid development of replication-controlled vaccinia virus vectors for vaccines and therapeutics with single or double safety features	\$219,298
2017	YALE UNIVERSITY	CT	K08AI119139	Cell Death and Cross-Protection in Rhinovirus Infection	\$195,588
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI128379	Identification of genes required by Leptospira interrogans for mammalian host adaptation and/or persistence in the rat model	\$199,375
2017	YALE UNIVERSITY	CT	R21AI132013	Discovery and characterization of modified signaling networks in latent HIV-infected T cells using CyTOF	\$237,213
2017	NEW ENGLAND DISCOVERY PARTNERS, LLC	CT	R41AI134531	Targeting STT3A and STT3B to Block Flavivirus Replication	\$298,652
2017	YALE UNIVERSITY	CT	R56AI127794	Thrombocyte Regulation of Anti-Parasite Immunity	\$418,750
2017	YALE UNIVERSITY	CT	R01AI127429	B cell based protection against recurrent herpes	\$418,750
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI126146	Essential role of Hk1/Rrp1 TCS for survival of Borrelia burgdorferi in ticks	\$199,375
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$641,362
2017	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$566,172
2017	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$805,360
2017	YALE UNIVERSITY	CT	R01AI123208	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	\$634,255
2017	YALE UNIVERSITY	CT	F30AI114090	The Coordination of CD8 T Cell Differentiation: A Role for STAT3 and FoxO1	\$49,044
2017	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$416,250
2017	YALE UNIVERSITY	CT	F31AI133855	Metabolic Regulation of follicular B helper T (Tfh) cell development	\$44,044
2017	YALE UNIVERSITY	CT	R01AI131613	Role of Hofbauer Cells in Fetal Infection/Inflammation	\$413,817

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	YALE UNIVERSITY	CT	R01AI131518	Hepatitis C virus genome structure: dynamic roles in replication and infectivity	\$592,104
2017	YALE UNIVERSITY	CT	UH2AI132341	Semantic Integration of ImmPort and the Linked Data Cloud for Systems Vaccinology	\$209,375
2017	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$456,661
2017	YALE UNIVERSITY	CT	R01AI120558	Expanding the SensingAbilities of Virulence Regulatory Systems	\$544,419
2017	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$676,739
2017	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$570,845
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	\$2,667,494
2017	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$265,211
2017	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammasome regulators during mammalian host defense	\$416,250
2017	YALE UNIVERSITY	CT	R01AI112970	Model-guided assessment of rotavirus vaccine impact in developing countries	\$372,239
2017	YALE UNIVERSITY	CT	R01AI105097	Thymic adipogenesis and age-related thymic demise	\$616,250
2017	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$505,354
2017	YALE UNIVERSITY	CT	R01AI114760	Biogenesis of the Coxiella-containing vacuole	\$417,024
2017	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$414,654
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI119015	Cytosolic Immune Surveillance During Bacterial Infections	\$395,242
2017	MEDISYNERGICS LLC	CT	R43AI122475	Novel Trypanocidal Compounds for the Treatment of Stage 1 and 2 HAT.	\$299,997
2017	YALE UNIVERSITY	CT	K22AI123477	Illuminating immunomodulatory gut microbes in human health and disease	\$108,000
2017	YALE UNIVERSITY	CT	R01AI120369	Mechanisms Regulating Innate Immune Responses	\$418,750
2017	YALE UNIVERSITY	CT	R21AI121993	Multifactor mRNA Mediated T Cell Reprogramming for Systemic Lupus Erythematosus	\$293,125
2017	YALE UNIVERSITY	CT	R21AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	\$243,607
2017	YALE UNIVERSITY	CT	R01AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$418,750
2017	YALE UNIVERSITY	CT	R01AI132452	Emerging benzimidazole resistance in human hookworms	\$418,750
2017	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$493,774
2017	YALE UNIVERSITY	CT	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$347,495
2017	YALE UNIVERSITY	CT	R01AI112443	In vivo genomic editing of hematopoietic cells for HIV resistance	\$607,873

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2017	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$416,250
2017	YALE UNIVERSITY	CT	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$319,346
2017	YALE UNIVERSITY	CT	K08AI128745	Regulation of Metabolic Programs for Host Tolerance to Inflammation	\$149,356
2017	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI130963	Long Non-Coding RNA, TLR Tolerance and Sepsis	\$199,375
2017	YALE UNIVERSITY	CT	R21AI131284	Innate antiviral defense against Vaginal transmission of ZIKA virus	\$251,250
2017	YALE UNIVERSITY	CT	R01AI121207	Naturally-Acquired and Vaccine-Mediated Immunity to Leptospirosis	\$2,519,964
2017	YALE UNIVERSITY	CT	K01AI119603	Improving the control of multidrug-resistant tuberculosis through targeted screening and use of novel anti-tuberculosis drugs	\$129,444
2017	YALE UNIVERSITY	CT	R21AI128182	Importance of Immunogenic salivary glycans in eliciting resistance to ticks	\$221,875
2017	ISOPLEXIS	CT	R43AI134499	Developing an integrated sorting and single cell analysis tool for the analysis of rare T Cells subsets in Autoimmunity	\$162,533
2017	YALE UNIVERSITY	CT	R21AI123858	Regulation of Pulmonary Inflammation in Asthma by Wnt Antagonist DKK1	\$251,250
2017	YALE UNIVERSITY	CT	R21AI126156	A novel regulator of clumping and dispersal mechanisms in <i>P. aeruginosa</i>	\$251,250
2017	UNIVERSITY OF CONNECTICUT	CT	R01AI125291	Mechanisms and significance of intestinal cell proliferation in <i>Vibrio parahaemolyticus</i> infection	\$236,653
2017	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$374,625
2017	YALE UNIVERSITY	CT	R01AI122448	B Cell Memory Regulation by Bone Morphogenetic Protein Receptor 1A	\$434,309
2017	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$418,768
2017	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$2,964,133
2017	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$332,200
2017	GEORGETOWN UNIVERSITY	DC	R15AI124160	Developmental regulation of filamentation by the homeodomain transcription factor Grf10 of <i>Candida albicans</i>	\$441,415
2017	GEORGETOWN UNIVERSITY	DC	R01AI132389	UPIT: Unleash the Potential of Intestinal Transplantation	\$493,821
2017	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$1,410,281
2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI134039	6th ASM Conference on Cell-Cell Communication in Bacteria	\$5,000

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2017	GEORGETOWN UNIVERSITY	DC	R21AI123718	Structure and Function of Hepatitis Delta Virus RNA-Protein Complexes	\$194,375
2017	GEORGETOWN UNIVERSITY	DC	R21AI123708	Role of amino acids and GTP in Staphylococcus aureus pathogenesis	\$233,250
2017	GEORGETOWN UNIVERSITY	DC	R01AI111962	Optimized Combination Antimalarial Drug Therapy	\$923,203
2017	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI130184	Psychosocial Adjustment and Adherence among Youth with Food Allergy	\$146,064
2017	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$318,280
2017	HOWARD UNIVERSITY	DC	R00AI114379	Effective Replicating Adenovirus-HIV Vaccines	\$249,000
2017	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI130502	Exosomal miR-155 regulates airway epithelial immune responses in infants with rhinovirus infection	\$234,283
2017	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$475,387
2017	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$776,353
2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI133866	ASM Conference on Vibrio2017: The Biology of Vibrios	\$7,500
2017	INTERNATIONAL AIDS SOCIETY	DC	R13AI131721	9th IAS Conference on HIV Science (IAS 2017), Paris, France, 23-26 July 2017	\$700,000
2017	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$413,757
2017	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI131592	ASM/ASV Conference on Intestinal Viruses, Bacteria and the Host	\$7,000
2017	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$206,069
2017	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$478,127
2017	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$0
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$647,388
2017	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,671,534
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	\$461,533
2017	UNIVERSITY OF FLORIDA	FL	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$180,900
2017	UNIVERSITY OF FLORIDA	FL	R01AI116892	Role of Intestinal Bacteria in Human Norovirus Infection	\$369,063
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	\$190,959
2017	UNIVERSITY OF FLORIDA	FL	R21AI120195	Modeling the Fetal Microbiome	\$225,000
2017	UNIVERSITY OF MIAMI	FL	F31AI124629	IL-2 Dependent Processes in Regulatory T cells	\$49,044
2017	UNIVERSITY OF MIAMI	FL	R21AI124058	Nanocarrier-targeted mesenchymal stem cells to treat inflammatory bowel disease	\$191,875
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI123876	Development of a method for visual detection of Mycobacterium tuberculosis complex	\$205,317
2017	ONEVAX LLC	FL	R21AI133067	Delivery of biomaterial-conjugated regulatory T Cells for the amelioration of Type 1 Diabetes	\$127,877

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2017	UNIVERSITY OF FLORIDA	FL	R13AI133969	South Asian Melioidosis Congress 2017	\$3,750
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122760	Studies of DNA Licensing in Apicomplexa Parasites	\$526,152
2017	UNIVERSITY OF FLORIDA	FL	R01AI121430	Rapid Identification of Optimal Combination Regimens for Pseudomonas aeruginosa	\$729,901
2017	UNIVERSITY OF MIAMI	FL	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$76,921
2017	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,166,422
2017	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$538,397
2017	UNIVERSITY OF FLORIDA	FL	R01AI128901	Targeting follicular helper CD4 T cells in SLE	\$305,000
2017	UNIVERSITY OF FLORIDA	FL	R01AI123244	Mucosal Vaccines for Brucellosis	\$402,057
2017	UNIVERSITY OF FLORIDA	FL	R21AI122338	Gut dysbiosis induces lupus	\$186,370
2017	UNIVERSITY OF FLORIDA	FL	R21AI125999	Impact of Human STING Variants on Pneumococcal Vaccine Effectiveness	\$187,500
2017	EMMUNE INC	FL	R44AI124832	WHICH ISOTYPE OF ECD4-IG MOST EFFECTIVELY SUPPRESSES VIRUS REPLICATION?	\$937,245
2017	ONEVAX LLC	FL	R43AI131850	Biomaterial-based delivery of Interleukin-2 to Regulatory T Cells for the amelioration of Type 1 Diabetes	\$235,720
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI125657	Fungal metabolites block malaria transmission	\$575,240
2017	UNIVERSITY OF MIAMI	FL	R01AI130009	Role of Yersinia pestis Ail-host ligand interactions in plague	\$451,425
2017	ONEVAX LLC	FL	R41AI134213	Therapeutic Administration of Suppressor of Cytokine Signaling Mimetics to Ameliorate Type 1 Diabetes	\$117,817
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$531,877
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$373,368
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI123245	Community-directed vector control to enhance mass drug administration for onchocerciasis elimination in Africa	\$550,938
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI117017	Chemogenomic Profiling of Plasmodium falciparum Drug Responses and Resistance	\$715,282
2017	UNIVERSITY OF FLORIDA	FL	R01AI112680	Heterologous polysaccharide synthesis in attenuated Salmonella	\$367,089
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117013	Molecular dissection of the Chlamydia trachomatis Tarp effector in vivo	\$178,001
2017	NOVA SOUTHEASTERN UNIVERSITY	FL	R21AI124187	Sex-specific genomic mechanisms of transcriptional regulation in ME/CFS/SEID	\$126,110
2017	UNIVERSITY OF FLORIDA	FL	P01AI123036	Optimizing Combination Therapy to Accelerate Clinical Cure of Tuberculosis	\$1,988,816
2017	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R21AI128188	Meeting Urgent Needs in Surveillance and Diagnostics. Zika	\$167,326

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2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124458	The Role and Regulation of Extracellular Proteases in Staphylococcus aureus	\$371,187
2017	EMMUNE INC	FL	R44AI134269	Development of AAV vectors for long-term expression of eCD4-Ig	\$299,239
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI132711	Multivalent vaccines against Clostridium difficile infection	\$402,081
2017	ONEVAX LLC	FL	R43AI129034	A novel biomaterial-based therapy utilizing auto-antigen and adjuvant for the amelioration of Type 1 Diabetes	\$238,328
2017	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$588,686
2017	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$530,253
2017	UNIVERSITY OF MIAMI	FL	R01AI108421	Can vaccine-induced CD8 T cells prevent chronic phase AIDS virus replication?	\$565,692
2017	UNIVERSITY OF FLORIDA	FL	R01AI114703	LINKING ANTIGENIC & GENETIC VARIATION OF DENGUE TO INDIVIDUAL AND POPULATION RISK	\$706,331
2017	UNIVERSITY OF FLORIDA	FL	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	\$386,772
2017	FLORIDA STATE UNIVERSITY	FL	R01AI119178	Membrane Protein Structures and Interactions in the M. tuberculosis Divisome	\$731,754
2017	UNIVERSITY OF MIAMI	FL	R21AI128164	Characterization Of A Novel ETEC Virulence Factor And Secretion System	\$230,250
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R56AI131398	Discovery of Antimalarials with Novel Mechanism of Action	\$363,470
2017	FLORIDA STATE UNIVERSITY	FL	R03AI122860	Function of the HIV Membrane in Viral Infection	\$75,526
2017	UNIVERSITY OF FLORIDA	FL	R21AI126172	Title: Manipulate cell surface by triple sugars for broad-spectrum Salmonella vaccine development	\$190,625
2017	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$719,626
2017	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$1,103,751
2017	UNIVERSITY OF FLORIDA	FL	R01AI108407	Role of MHV68 miRNAs in latency and pathogenesis	\$396,236
2017	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112271	Post-transcriptional regulation in the malaria parasite blood stage	\$60,990
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117457	Memory CD4 T Cell Regulation of Innate Lymphoid Cells	\$171,222
2017	UNIVERSITY OF FLORIDA	FL	R21AI126583	Structure and dynamics of the VP1u infectivity domain of the Parvoviridae	\$228,030
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI126068	Exploiting Fungal Natural Products to Discover Novel Scaffolds That Inhibit Dormant and Drug-Resistant TB	\$235,314
2017	SPECIFIC DIAGNOSTICS LLC	FL	R44AI131963	Rapid Low Cost Phenotypic Antibiotic Susceptibility Testing.	\$998,141
2017	UNIVERSITY OF FLORIDA	FL	R01AI133623	Tolerogenic dual microparticle system for treatment of multiple sclerosis	\$520,957

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2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI125973	Targeting transcription-coupled DNA supercoiling for discovering antibiotics against bacterial DNA gyrase	\$232,576
2017	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$2,297,375
2017	UNIVERSITY OF FLORIDA	FL	R03AI122182	Development of single-cell metabolomics to dissect cellular heterogeneity of immune cells	\$75,000
2017	UNIVERSITY OF FLORIDA	FL	R21AI131328	AAV2 and hepatocellular carcinoma	\$223,096
2017	UNIVERSITY OF FLORIDA	FL	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$306,671
2017	FLORIDA INTERNATIONAL UNIVERSITY	FL	R15AI128714	Longitudinal Study of Vaginal Microbiota and Persistent Human Papillomavirus Detection	\$439,500
2017	UNIVERSITY OF FLORIDA	FL	R01AI132391	Regulation of Gut Innate Lymphoid Cells by Ahr	\$534,256
2017	UNIVERSITY OF FLORIDA	FL	R33AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	\$513,000
2017	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$383,750
2017	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$1,753,661
2017	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112255	Physiologically-explicit epidemiology: linking size and energetics of snail hosts to human risk of schistosome infection	\$0
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$442,200
2017	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI105506	Mechanisms of placental dysfunction in pregnancy malaria	\$186,875
2017	UNIVERSITY OF FLORIDA	FL	R03AI124017	Semiparametric analysis of the household transmission of cholera	\$72,032
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117479	Augmenting innate immunity to combat nasal carriage of Staphylococcus aureus	\$219,000
2017	UNIVERSITY OF MIAMI	FL	R01AI123258	Serum miRNA Biomarkers of Islet Autoimmunity	\$751,867
2017	UNIVERSITY OF FLORIDA	FL	R01AI128074	Restoring Immune Tolerance in a Model of Multiple Sclerosis	\$381,250
2017	ISENSE LLC	FL	SB1AI094781	Rapid Identification of Pathogenic Bacteria in Blood causing Sepsis	\$996,657
2017	SPECIFIC DIAGNOSTICS LLC	FL	R44AI128777	Combining faster detection with ID: a new paradigm for mycobacterial culture	\$1,000,000
2017	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI124682	Developmental switches regulating tissue cyst formation	\$570,656
2017	UNIVERSITY OF FLORIDA	FL	R21AI131205	Transcriptional control of genes implicated in suppression function of Treg cells	\$190,625
2017	UNIVERSITY OF FLORIDA	FL	R01AI126357	Cholera transmission and evolution in Port-au-Prince, Haiti	\$1,093,883
2017	UNIVERSITY OF FLORIDA	FL	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$298,587
2017	UNIVERSITY OF FLORIDA	FL	R01AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	\$511,489

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	\$581,797
2017	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$142,138
2017	UNIVERSITY OF FLORIDA	FL	R21AI123933	Timely Risk Assessment of Airborne Virus with a Super-Efficient System for Viable Influenza Aerosol Capture	\$193,277
2017	UNIVERSITY OF FLORIDA	FL	K08AI116980	Heterologous immunity and host susceptibility to emerging alphaviral infections	\$180,900
2017	UNIVERSITY OF MIAMI	FL	R01AI127347	Immunity and HIV persistence in perinatal HIV infection	\$638,429
2017	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,192,397
2017	UNIVERSITY OF FLORIDA	FL	R21AI121745	Fimbriae Countermeasures for Type 1 Diabetes	\$181,847
2017	UNIVERSITY OF MIAMI	FL	R01AI110810	Killing of intracellular bacteria by Perforin-2	\$418,513
2017	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI133567	Nucleic Acid Innovations to Manage Pathogen Sequence Divergence	\$185,000
2017	UNIVERSITY OF MIAMI	FL	R01AI123048	Antibody Responses in Aging SIV Infected Monkeys	\$817,006
2017	UNIVERSITY OF FLORIDA	FL	R21AI128518	Membrane bound Burkholderia pseudomallei PenA beta-lactamase	\$228,750
2017	UNIVERSITY OF FLORIDA	FL	R01AI125516	Naso-oropharyngeal Brucella Infections and Mucosal Immune Protection	\$377,481
2017	UNIVERSITY OF MIAMI	FL	R56AI130330	Mechanisms of islet transplant immune tolerance	\$383,750
2017	UNIVERSITY OF FLORIDA	FL	R03AI128123	Swine as a translational model for human brucellosis	\$75,402
2017	UNIVERSITY OF FLORIDA	FL	R01AI123300	Peptidoglycan Assembly, Degradation, and Function in Pathogenic Chlamydia	\$381,250
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI132375	Role of Complement in Nipah Virus Pathogenesis	\$235,560
2017	UNIVERSITY OF FLORIDA	FL	R01AI118999	Regulation of Staphylococcus aureus physiology by bacterial nitric oxide	\$338,165
2017	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$337,500
2017	UNIVERSITY OF FLORIDA	FL	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$444,683
2017	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$49,044
2017	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI122326	Development of Novel Synthetic Alkaloids as Antimalarials	\$201,048
2017	UNIVERSITY OF MIAMI	FL	R21AI127091	HIV-a Persistence in Myeloid Cell Reservoirs	\$230,250
2017	UNIVERSITY OF FLORIDA	FL	R01AI128750	Cholera persistence, transmission, and clinical illness in Haiti	\$738,932
2017	UNIVERSITY OF FLORIDA	FL	R21AI130561	Identification of potent cross neutralizing Dengue antibodies using single-cell technology	\$223,096
2017	UNIVERSITY OF MIAMI	FL	U01AI125057	Low-dose IL-2 in Established T1D	\$1,529,390
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	\$376,167

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2017	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,627,401
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	\$424,242
2017	EMORY UNIVERSITY	GA	K01AI106961	A Practice-Provider-Parent-Adolescent intervention to increase HPV vaccination	\$114,370
2017	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$173,842
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$1,861,376
2017	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	\$189,437
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI122180	A pilot forward genetic screen for genes affecting thymus involution	\$187,500
2017	EMORY UNIVERSITY	GA	K23AI124913	Defining Antiretroviral Pharmacology Within HIV-1 Reservoirs of Males and Females	\$188,676
2017	CAMELLIX, LLC	GA	R41AI124738	Novel sanitizer against viral infections with long-lasting effect	\$192,601
2017	EMORY UNIVERSITY	GA	R21AI122192	Impact of Alginate Overproduction on P. aeruginosa LPS O Antigen Expression	\$192,459
2017	GENETAG TECHNOLOGY INC	GA	R43AI129078	Discriminating viral and bacterial meningitis infections with iDDS probes	\$242,611
2017	SPINCEUTICA INC	GA	R44AI129005	Reversing Isoniazid Resistance By Isotopic Substitution	\$586,360
2017	EMORY UNIVERSITY	GA	UH3AI122320	Development of Gleevec for TB and TB/HIV	\$1,627,749
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$212,838
2017	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$446,250
2017	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$402,672
2017	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	\$390,000
2017	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$188,676
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K01AI125830	Integrative Modeling of study design and transmission dynamics to infer epidemic drivers and inform decision-making: Applications to HIV and other emerging pathogens	\$248,364
2017	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	\$605,092
2017	EMORY UNIVERSITY	GA	R33AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$521,698
2017	EMORY UNIVERSITY	GA	R01AI110680	Skin Vaccination Against Influenza in the Young And Aged	\$674,916

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	EMORY UNIVERSITY	GA	R21AI117459	Novel DC targeted adenovirus vector for malaria vaccine development	\$214,025
2017	GEOVAX INC	GA	R44AI106422	Enhancing protective antibody responses for a DNA/MVA HIV vaccine	\$658,159
2017	EMORY UNIVERSITY	GA	R13AI134407	12th International Workshop on HIV Transmission - Principles of Intervention	\$25,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128924	Pathogenesis of Jeilongvirus	\$483,505
2017	EMORY UNIVERSITY	GA	R01AI128837	Using DNA/MVA/protein immunization of rhesus macaques to investigate how the background of the HIV -1 envelope and nature of the protein boost shape the genetic and functional antibody landscape.	\$1,231,309
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI127798	Sexual Development of Cryptosporidium	\$180,000
2017	EMORY UNIVERSITY	GA	P01AI125180	Plasma Cells in Health and Disease	\$2,027,642
2017	EMORY UNIVERSITY	GA	R01AI132833	HBV Capsid Effectors	\$563,003
2017	EMORY UNIVERSITY	GA	R01AI133706	Immune interventions in SIV-infected ART-suppressed infant macaques	\$857,514
2017	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$178,063
2017	GEORGIA TECH RESEARCH CORPORATION	GA	U01AI124270	Effect of presentation methods on the molecular mechanism of combinatorial adjuvants	\$731,175
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$334,125
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$726,333
2017	EMORY UNIVERSITY	GA	R01AI110720	QUANTIFYING THE BALANCE BETWEEN VACCINE-INDUCED T CELL PROTECTION AND PATHOLOGY	\$387,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$375,000
2017	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$844,556
2017	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$376,416
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI110098	Human Airway Colonization by Mycoplasma pneumoniae	\$389,125
2017	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$443,684
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108222	Calcium signaling in Trypanosoma brucei	\$375,000
2017	EMORY UNIVERSITY	GA	R01AI116933	Host-induced Initiation of Clostridium difficile Sporulation	\$387,549
2017	EMORY UNIVERSITY	GA	U01AI115651	Dengue Virus Infection in India	\$943,450
2017	EMORY UNIVERSITY	GA	R01AI118853	Innate activation and death signals in health and disease	\$390,000

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2017	EMORY UNIVERSITY	GA	R01AI125064	Antiviral role of CD8+ T cells in ART-treated SIV-infected macaques	\$875,289
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI124056	Diversity of intraepithelial CD8aa T cells that recognize antigens from commensal flora	\$189,375
2017	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI119625	Molecular basis of the differential expression of the VieSAB regulatory system n Vibrio cholerae biotypes	\$213,000
2017	EMORY UNIVERSITY	GA	R21AI126816	Biogenesis of IL-1a in inflammatory process	\$234,000
2017	EMORY UNIVERSITY	GA	R01AI125268	Impact of selective genome packaging on influenza A virus reassortment	\$387,205
2017	EMORY UNIVERSITY	GA	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$768,610
2017	EMORY UNIVERSITY	GA	R21AI122001	A Clinical Pharmacology Study of a Novel Drug Regimen for Pre XDR and XDR Tuberculosis	\$193,545
2017	EMORY UNIVERSITY	GA	R01AI129862	Imaging of Single HIV-1 Uncoating and Transport to the nucleus	\$596,529
2017	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$172,312
2017	EMORY UNIVERSITY	GA	F31AI133950	Regulation of 2'-5'-oligoadenylate synthetase 1 (OAS1) by dsRNA	\$44,044
2017	EMORY UNIVERSITY	GA	R01AI134244	Innate-adaptive crosstalk in protective and vaccine-induced immunity to TB	\$629,390
2017	EMORY UNIVERSITY	GA	F31AI131532	The role of LSD1 in the epigenetic regulation of B cell terminal differentiation	\$44,044
2017	EMORY UNIVERSITY	GA	R21AI129607	Repurposing drugs to prevent and inhibit Zika virus infections	\$234,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI117290	A Novel Vaccine for Burkholderia pseudomallei and Burkholderia mallei	\$651,497
2017	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R03AI123886	Role of a multigene chromosome insert in pathogenesis of rickettsiae	\$70,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI128356	The Toxoplasma apicoplast and calcium signaling	\$375,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$375,000
2017	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$366,600
2017	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$2,963,327
2017	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$392,206
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI112427	Genetic Analysis of Cryptosporidium	\$372,500
2017	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$440,196
2017	EMORY UNIVERSITY	GA	R01AI111851	Targeting neutralizing epitopes in the MPER of HIV Env	\$731,756

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2017	EMORY UNIVERSITY	GA	R01AI112723	Understanding disparities in effective HIV treatment and prevention: Involvement+	\$758,382
2017	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$453,639
2017	EMORY UNIVERSITY	GA	R01AI123126	Integrin-dependent modulation of macrophage function	\$390,000
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$449,410
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI129873	Development of high-throughput workflow for glycosphingolipid analysis and annotation	\$254,625
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI124189	The Role of Oxidative Epithelial Defenses in Influenza Infection	\$187,500
2017	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$785,660
2017	GEOVAX INC	GA	R43AI134200	Advanced Preclinical Testing of a Novel Recombinant Vaccine Against Zika Virus	\$300,000
2017	EMORY UNIVERSITY	GA	UM1AI124436	B and T Cell Biology of Protection from and Eradication of SIV/SHIV Infection	\$6,923,840
2017	EMORY UNIVERSITY	GA	R01AI126322	Optimizing Strategies to Overcome Kidney Xenograft Rejection	\$929,001
2017	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$2,584,553
2017	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,546,541
2017	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$135,159
2017	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103267	Coordinated stationary phase control of Campylobacter motility and biofilm	\$300,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI107663	Pathogenesis of Trypanosoma cruzi infection	\$375,000
2017	EMORY UNIVERSITY	GA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$188,676
2017	INHIBIKASE THERAPEUTICS LLC	GA	R44AI103982	Advanced PML antiviral	\$1,000,000
2017	EMORY UNIVERSITY	GA	R01AI121252	Understanding Survival of Human Bone Marrow Long-Lived Plasma Cells	\$390,000
2017	EMORY UNIVERSITY	GA	K08AI119448	Immune Correlates of Protection form Rift Valley Fever Virus	\$187,812
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI118733	Development of CRISPR/Cas system for study of trans-sialidase family genes in T. cruzi	\$225,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI125899	Trafficking of parasitic nematode ion channels	\$187,500
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$606,664
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125738	Multiplex treatment outcomes test for Chagas disease	\$1,000,819
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123383	Molecular Mechanisms for Carbohydrate Presentation to CD4+ T cells by MHCII Pathway	\$375,000

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2017	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$3,287,506
2017	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$395,649
2017	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic E.coli	\$131,009
2017	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$853,991
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$3,125,695
2017	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$1,587,645
2017	EMORY UNIVERSITY	GA	R21AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$214,127
2017	EMORY UNIVERSITY	GA	R01AI123733	Epigenetic Regulation of Plasma Cells Differentiation	\$387,009
2017	EMORY UNIVERSITY	GA	F31AI124611	The role of APC's in the establishment of lung tissue resident memory T Cells	\$44,044
2017	EMORY UNIVERSITY	GA	R01AI128799	Understanding Rectal HIV transmission among At-risk MSM: Age, Intercourse, and Mucosal Injur	\$630,427
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K22AI127849	Characterization of peptide hormone receptors in mosquito ovaries and their role in mosquito reproduction	\$160,018
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI128195	Role of Clp proteins in the biogenesis of the malaria parasite plastid	\$225,000
2017	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI129477	Zika Virus Vaccines based on Nanoscale Constructs Presenting the Envelope Protein	\$250,187
2017	EMORY UNIVERSITY	GA	F30AI124568	Relevance of Tracts of Framework Mutations in IgM Plasma Cells	\$49,044
2017	EMORY UNIVERSITY	GA	U01AI132904	Imaging Costimulation Blockade Resistant Rejection	\$483,714
2017	EMORY UNIVERSITY	GA	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$0
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$399,885
2017	EMORY UNIVERSITY	GA	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$387,900
2017	EMORY UNIVERSITY	GA	R21AI128313	Emergence of ST-11 Neisseria meningitidis as a sexually transmitted pathogen	\$234,000
2017	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$362,695
2017	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$2,403,962
2017	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,512,902
2017	EMORY UNIVERSITY	GA	R01AI111557	Adjuvants for Skin Immunization: Discovery and Mechanisms	\$850,629

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$818,412
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106839	Regulating neutrophil response during chronic inflammation through SIRPa alterati	\$423,031
2017	EMORY UNIVERSITY	GA	F31AI114250	The Role of 2B4 Coinhibition in Transplantation and Immunity	\$44,044
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI114654	High-throughput screen for inhibitors of Marburg virus VP24-Keap 1	\$391,953
2017	EMORY UNIVERSITY	GA	R21AI121860	Genomics-based prediction of antibiotic failure in S. aureus infections	\$195,000
2017	EMORY UNIVERSITY	GA	F31AI122926	The Impact of HIV-1 Transmitted/Founder Virus on the Viral Reservoir	\$44,044
2017	EMORY UNIVERSITY	GA	R01AI124680	T cell compartmentalization and antiviral response	\$692,917
2017	EMORY UNIVERSITY	GA	U01AI131566	Determining how macrophages regulate immunity to Zika virus infection at the maternal-fetal interface	\$463,520
2017	EMORY UNIVERSITY	GA	R56AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$390,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI130504	Anti-NET autoantibodies in cystic fibrosis	\$225,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI129940	Development of a novel vaccine platform: Surface Antigen/Adjuvant Vaccine Engineering (SAAVE)	\$505,484
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI126311	Curaxin-137, A New Lead for Anti-Trypanosome Drug Discovery - Resubmission - 1	\$697,985
2017	EMORY UNIVERSITY	GA	K08AI132747	Mechanisms of Selective CD28 Blockade on T Follicular Helper Cell-mediated Donor-specific Antibody Responses in Transplantation	\$188,676
2017	EMORY UNIVERSITY	GA	UH2AI132345	Multiscale, multifactorial immune networks as a web service	\$231,204
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI131093	Monocyte regulation of tissue resident memory CD8 T cells	\$225,000
2017	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI125453	Small Molecule Inhibitors of Ebola Virus Polymerase Function	\$918,430
2017	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI126897	IMMUNITY TO CHLAMYDIA ABORTUS	\$437,106
2017	EMORY UNIVERSITY	GA	R01AI073707	Determinants of T Cell Fate in Transplantation Tolerance	\$387,900
2017	EMORY UNIVERSITY	GA	R01AI020211	Cytomegalovirus DNA Replication and Inversion	\$387,205
2017	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$390,000
2017	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$915,755
2017	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$842,815
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$371,250
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$308,767

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2017	EMORY UNIVERSITY	GA	U19AI109633	CD40L adjuvanted clade C DNA and MVA HIV vaccines	\$1,917,505
2017	EMORY UNIVERSITY	GA	K23AI114407	Characterization and modulation of mucosal immunity for HIV prevention in women	\$188,346
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$407,176
2017	EMORY UNIVERSITY	GA	R01AI113021	Regulation of PD-1 gene expression	\$386,850
2017	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,898,702
2017	EMORY UNIVERSITY	GA	R01AI116379	Immune based interventions for HIV eradication	\$861,125
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI124228	Generation of reference genomes for Trypanosoma cruzi using PacBio sequencing	\$75,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI124692	Mechanisms of persistence in Trypanosoma cruzi infection	\$375,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125487	Role of African Trypanosome Extracellular Vesicles in Infection and Pathogenesis	\$375,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI121181	Inhibiting hydrogen-dependent pathogen growth via nickel chelation	\$225,000
2017	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$375,000
2017	EMORY UNIVERSITY	GA	R21AI130918	High-Resolution Plasma Metabolomic Profiling to Identify Biomarkers for Tuberculosis Disease and Response to Therapy	\$240,669
2017	EMORY UNIVERSITY	GA	R01AI127799	Host dependence of influenza A virus reassortment	\$627,494
2017	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,600,303
2017	UNIVERSITY OF HAWAII	HI	R01AI110769	Mature virus-like particles as a new strategy for dengue virus vaccines	\$308,000
2017	UNIVERSITY OF HAWAII	HI	R21AI122393	Reversal of Adaptive Immune Dysfunction in Shock and Kill HIV Cure Strategies	\$226,543
2017	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R43AI120388	Chikungunya Recombinant Subunit Vaccine	\$300,000
2017	UNIVERSITY OF HAWAII	HI	R01AI132323	Preclinical Development of a Thermostable Trivalent Filovirus Vaccine	\$1,437,310
2017	UNIVERSITY OF HAWAII	HI	R21AI109293	Role of the alternative ribosomes in Mycobacterium tuberculosis adaptation	\$176,875
2017	UNIVERSITY OF HAWAII	HI	R01AI119185	Defining a Protective Ebola Vaccine in Non-Human Primates	\$558,423
2017	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$385,667
2017	UNIVERSITY OF HAWAII	HI	R21AI129465	Under attack: Modulation of the blood-testes barrier by Zika virus	\$231,000
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$441,401

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$865,408
2017	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$378,940
2017	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$377,500
2017	UNIVERSITY OF IOWA	IA	R01AI127565	Nanovaccine-Mediated Immune Protection Against Influenza Virus	\$482,724
2017	UNIVERSITY OF IOWA	IA	R01AI116546	Consequences of interactions between human neutrophils and Staphylococcus aureus	\$381,250
2017	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$218,760
2017	UNIVERSITY OF IOWA	IA	R21AI119163	CD40 as a regulator of CD8 T cell activation in obesity and adipose tissue inflammation	\$228,750
2017	UNIVERSITY OF IOWA	IA	R03AI125824	Mechanisms of Tissue-Specific Autoimmunity in the Elderly	\$76,250
2017	UNIVERSITY OF IOWA	IA	R21AI121576	Regulation of toxin gene expression in Clostridium difficile	\$227,560
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123678	Characterization of parasitic nematode exosomal microRNAs and their role in the host-parasite interface	\$186,625
2017	UNIVERSITY OF IOWA	IA	R21AI133155	Regulation of budding during herpesvirus nuclear egress	\$228,750
2017	UNIVERSITY OF IOWA	IA	R56AI126493	The role of HCV RNA-targeted phosphatase PTPRE in T cell activation	\$538,304
2017	UNIVERSITY OF IOWA	IA	R01AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$475,904
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$366,445
2017	UNIVERSITY OF IOWA	IA	F30AI120567	The role of inflammasomes in bacterial co-infection during cutaneous leishmaniasis	\$29,445
2017	UNIVERSITY OF IOWA	IA	R01AI123107	Molecular regulation of T cell activation signals by TRAF3	\$381,250
2017	UNIVERSITY OF IOWA	IA	R21AI117379	Synthesis and Evaluation of Zwitterionic Carbohydrate Immunostimulants	\$228,750
2017	UNIVERSITY OF IOWA	IA	R21AI123616	Understanding Ebola virus replication and spread in skin	\$190,625
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI121831	Eating worms: an unusual nicotinic acetylcholine receptor from the nematode pharynx as a potential drug target	\$182,660
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114629	Structure and mechanism of the AbgT-family transporters	\$363,449
2017	UNIVERSITY OF IOWA	IA	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	\$381,250
2017	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,280,579
2017	UNIVERSITY OF IOWA	IA	R01AI055042	Regulation of Pseudomonas aeruginosa type III secretion	\$383,027

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF IOWA	IA	R01AI125446	Development and function of CD4+ memory T cells during malaria	\$381,250
2017	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$226,095
2017	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$449,875
2017	UNIVERSITY OF IOWA	IA	R01AI112579	Tcf/Lef-b-catenin in T cell identity and cancer	\$381,250
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114720	Identification of genetic determinants that condition flaviviral host specificity	\$379,985
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123266	Development of a vaccine strategy using antibody-complexed antigens	\$182,729
2017	UNIVERSITY OF IOWA	IA	R01AI121567	Immune Dysregulation During Multiple Sclerosis Relapse	\$732,451
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$370,069
2017	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$341,030
2017	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$95,582
2017	UNIVERSITY OF IOWA	IA	R01AI129269	Role of eicosanoids in pathogenic human CoV infections	\$545,235
2017	UNIVERSITY OF IOWA	IA	R01AI124093	Balancing protection versus immunopathology by RSV-specific memory CD8 T cells	\$376,900
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$655,631
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI127622	Targeting Plasmodium apicoplast DNA replication for the treatment and prevention of malaria	\$217,162
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI111466	Enhanced Shelf-life Nanovaccine Formulation for Immunity to Biodefense Pathogens	\$345,724
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI117204	Exploring the Structure and Function of Parasitic Nematode Exosomes	\$182,478
2017	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	F32AI124598	Function and Chemotherapeutic Vulnerability of Flatworm Biogenic Amine Receptors	\$59,091
2017	UNIVERSITY OF IOWA	IA	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$376,073
2017	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$381,250
2017	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,741,542
2017	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$386,250
2017	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$389,432
2017	UNIVERSITY OF CHICAGO	IL	F30AI124636	Modeling the Dynamics of Human Papillomavirus to Inform Vaccination Strategy	\$49,044
2017	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$375,899

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2017	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$167,737
2017	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$386,250
2017	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$658,576
2017	NORTHWESTERN UNIVERSITY	IL	R01AI112911	Mechanisms of MCMV reactivation in immunodeficient transplant recipients	\$442,961
2017	NORTHWESTERN UNIVERSITY	IL	P30AI117943	Third Coast Center for AIDS Research	\$2,177,081
2017	NORTHWESTERN UNIVERSITY	IL	F32AI116044	A surface-exposed region of the UL37 protein that is essential for alphaherpesvirus neuroinvasion	\$58,266
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI119602	Identification of cellular factors that mediate HCV cell-to-cell spread	\$75,500
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI115208	Deorphanization of Schistosome Cytochrome P450	\$193,750
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125401	Developmental regulation of HBV biosynthesis by FoxA and DNA methylation	\$399,750
2017	UNIVERSITY OF CHICAGO	IL	R21AI128785	BRWD1 in adaptive humoral immunity	\$241,875
2017	NORTHWESTERN UNIVERSITY	IL	R21AI133984	Regulation of HPV Replication by Sirtuin Deacetylases	\$197,188
2017	UNIVERSITY OF CHICAGO	IL	R37AI069227	Surface Proteins of Bacillus anthracis	\$404,375
2017	NORTHWESTERN UNIVERSITY	IL	R37AI094595	Identification of the Initial Targets of Transmission	\$833,492
2017	NORTHWESTERN UNIVERSITY	IL	R21AI129167	Biomarkers for Highly Virulent Pseudomonas aeruginosa Strains	\$231,805
2017	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$462,195
2017	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R15AI128627	Genomics of Virulence in Human-infecting Encephalitozoon	\$363,333
2017	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI133062	Characterization of "serosal bridges": routes for antigen and pathogen transport from the female reproductive tract to the intestines.	\$221,250
2017	UNIVERSITY OF CHICAGO	IL	R01AI126756	Biochemical and cellular analysis of regulatory T cells reactive to a natural self antigen	\$684,530
2017	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$386,250
2017	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$552,692
2017	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$345,711
2017	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$457,664
2017	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$386,250
2017	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$1,297,285
2017	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$893,454

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2017	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	\$190,679
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI110080	Identifying Patterns of Specificity and Promiscuity in the ComRS Intercellular Si	\$49,044
2017	UNIVERSITY OF CHICAGO	IL	R01AI108682	How beta-catenin expands Foxp3+RORgammat+ Pro-inflammatory T-regulatory cells	\$397,684
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI114688	Genomic Epidemiology of Methicillin-Resistant Staphylococcus aureus in Jail	\$492,729
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI122925	Photonic Crystal Based Point-of-Care Detection of HIV Viral Load Using a Smartphone Biosensor	\$44,044
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121286	Chromatin infrastructure of the Igh locus and its influence on VH gene usage	\$850,441
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI123640	Dual Roles for the Salmonella SPI-2 Regulator SsrB	\$199,750
2017	NORTHWESTERN UNIVERSITY	IL	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	\$270,375
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI116588	Defining novel mechanisms of influenza virus gene regulation	\$108,000
2017	UNIVERSITY OF CHICAGO	IL	R21AI128469	RNA methylation and regulatory T cells	\$241,688
2017	UNIVERSITY OF CHICAGO	IL	R01AI125644	IRF4+ respiratory dendritic cells in type 2 inflammatory responses	\$397,245
2017	UNIVERSITY OF CHICAGO	IL	R01AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$389,432
2017	NORTHWESTERN UNIVERSITY	IL	R01AI125366	REDD1 dissociates the therapeutic and adverse effects of glucocorticoids in skin	\$498,648
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI126308	Constructing Ensembles of 3D Structures of Igh Locus and Predicting Novel Chromosomal Interactions	\$230,403
2017	UNIVERSITY OF CHICAGO	IL	R21AI133361	Novel innate immune sensing mechanisms of intracellular RNA	\$202,343
2017	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$2,317,215
2017	NORTHWESTERN UNIVERSITY	IL	R01AI128292	Distinct mast cell responses in male and female SJL mice underlie sex dimorphic EAE susceptibility	\$504,341
2017	UNIVERSITY OF CHICAGO	IL	R37AI038339	Transcriptional Regulation of Innate-Like T Cells	\$525,030
2017	NORTHWESTERN UNIVERSITY	IL	F30AI129237	Phenotypic and functional plasticity of mast cells in homeostasis and allergy	\$38,158
2017	NORTHWESTERN UNIVERSITY	IL	R01AI118257	Accessory Virulence Factors of Pseudomonas aeruginosa	\$444,562
2017	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus aureus	\$395,000
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$684,410
2017	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$297,128
2017	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI123381	Characterizing the targets of phagocytic superoxide in Salmonella	\$375,170

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2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery	\$481,992
2017	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$163,080
2017	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	\$389,432
2017	UNIVERSITY OF CHICAGO	IL	F30AI124476	Specificity of Intestinal Immunoglobulin A	\$49,044
2017	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI123525	Optimizing the diagnosis of pediatric Clostridium difficile infection	\$190,080
2017	NORTHWESTERN UNIVERSITY	IL	R21AI121742	Roles of Early Life Colonization and Environmental Antigens on Childhood Asthma	\$303,860
2017	MIDWESTERN UNIVERSITY	IL	R21AI117437	Isolation of novel rodent chlamydiae	\$186,244
2017	UNIVERSITY OF CHICAGO	IL	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	\$494,175
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI121774	Establishing HSV specific memory CD8+ T cells in the female reproductive tract	\$193,750
2017	NORTHWESTERN UNIVERSITY	IL	K22AI118421	Development of Immune-Modulated HIV Vaccines	\$108,000
2017	UNIVERSITY OF CHICAGO	IL	R01AI123396	Mechanisms of E protein transcription factor-dependent iNKT cell expansion and differentiation	\$396,945
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI129719	Deep mutational scanning of the HIV-1 Env protein and HIV-targeted host chemokine receptors	\$377,748
2017	UNIVERSITY OF CHICAGO	IL	R01AI120715	Regulation of Ig-kappa recombination during B lymphopoiesis	\$461,851
2017	NORTHWESTERN UNIVERSITY	IL	U01AI131337	Lipid Regulation of the Development of Responsiveness to Allergen in Neonates and Infants	\$550,813
2017	UNIVERSITY OF CHICAGO	IL	F30AI126791	Niche Establishment by Bacteroides fragilis - Resubmission 01	\$49,044
2017	UNIVERSITY OF CHICAGO	IL	R01AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$389,432
2017	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI110783	Role of neutrophils and elastase in melioidosis	\$387,322
2017	NORTHWESTERN UNIVERSITY	IL	R01AI127695	Tocopherol regulation of the development of responsiveness to allergen early in life	\$559,039
2017	UNIVERSITY OF CHICAGO	IL	U01AI125250	Specificity of Intestinal Immunoglobulin A	\$489,427
2017	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$386,250
2017	UNIVERSITY OF CHICAGO	IL	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$389,432
2017	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$484,709
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$469,722
2017	UNIVERSITY OF CHICAGO	IL	F30AI110036	Assembly of the envelope of Bacillus anthracis vegetative forms	\$49,044

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2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	\$49,044
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI107516	G-BMDC-induced Treg mediated suppression of Type 1 Diabetes in NOD mice	\$399,750
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI116441	EVALUATION OF A LYMPHATIC FILARIASIS VACCINE IN NON-HUMAN PRIMATES	\$607,092
2017	NORTHWESTERN UNIVERSITY	IL	F30AI116106	A Development-Specific Mechanism of Pathogenesis in HSV Encephalitis	\$49,044
2017	UNIVERSITY OF CHICAGO	IL	R21AI121915	Genetic Basis for Sensitivity of Neonates to Retroviruses	\$197,500
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122019	Development of genetic systems for human-associated methanogens	\$228,837
2017	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,605,356
2017	UNIVERSITY OF CHICAGO	IL	R21AI130821	Immunomodulatory roles of lymphatic vessels in allergic airway inflammation	\$242,063
2017	NORTHWESTERN UNIVERSITY	IL	R56AI131239	Studies of human B cell responses and antibody production during chronic airway inflammation	\$404,516
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133304	Confined Genetic Transformation and Exchange of Antibiotic Resistance Genes in Femtoliter Microdroplets	\$223,779
2017	NORTHWESTERN UNIVERSITY	IL	F30AI131937	Role of mTOR in inflammatory monocytes in HIV infection	\$49,044
2017	UNIVERSITY OF CHICAGO	IL	F30AI138156	Silicon nanowires for probing effects of membrane voltage on the TCR-CD3 complex	\$49,044
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121275	Role of DNA sensors in host anti-retroviral defense	\$392,454
2017	NORTHWESTERN UNIVERSITY	IL	R21AI111018	Post-transcriptional regulation of Crp in Yersinia pestis	\$185,508
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI127635	Identification of preclinical drug candidates for the treatment of schistosomiasis	\$222,045
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI131168	Helicobacter pylori and Neuroinflammation	\$189,009
2017	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$288,315
2017	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$359,981
2017	NORTHWESTERN UNIVERSITY	IL	R01AI120625	Molecular Regulation of Systemic Inflammation	\$386,250
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$531,399
2017	UNIVERSITY OF CHICAGO	IL	R01AI107159	Molecular mechanism of general stress signaling in Brucella abortus	\$439,768
2017	NORTHWESTERN UNIVERSITY	IL	R01AI108634	The roles of Synoviolin in immune tolerance and autoimmunity	\$379,464
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120956	Defining the microtubule motors which drive the uncoating and trafficking of HIV	\$310,504
2017	NORTHWESTERN UNIVERSITY	IL	R01AI127783	Hormones in allergic disease	\$404,370
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122202	Bacillus anthracis egress from infected macrophages	\$237,900
2017	NORTHWESTERN UNIVERSITY	IL	R21AI119137	Probing the Functions of KLF2 Downregulation	\$193,125

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2017	UNIVERSITY OF CHICAGO	IL	R21AI126031	Human Lung T cell subsets in Disease	\$197,500
2017	UNIVERSITY OF CHICAGO	IL	F31AI118375	Rare-variant analysis to validate HIV-target genes affecting human HIV-response	\$29,261
2017	NORTHWESTERN UNIVERSITY	IL	R01AI130348	Food Allergy Outcomes Related to White and African American Racial Differences (FORWARD)	\$848,350
2017	NORTHWESTERN UNIVERSITY	IL	R21AI125968	Defining the Siderophore of Stenotrophomonas maltophilia, an Emerging, Multi-Drug Resistant Pathogen	\$228,356
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI133050	Analysis of Mbd4 function during the generation of Ig diversity	\$239,850
2017	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	UG3AI133676	Keeping it LITE: Exploring HIV Risk in Vulnerable Youth with Limited Interaction	\$676,918
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K99AI128029	Characterization of pneumococcal secretion chaperones required for virulence	\$125,442
2017	UNIVERSITY OF CHICAGO	IL	R01AI127774	Flavivirus NS3-mediated Innate Immune Escape	\$518,764
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$185,454
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$399,750
2017	UNIVERSITY OF CHICAGO	IL	R56AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$397,545
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$555,150
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$399,750
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F32AI129363	Development of a Novel Class of Antibiotics with Activity Against Gram-Negative and Gram-Positive Pathogens	\$56,694
2017	NORTHWESTERN UNIVERSITY	IL	R01AI127456	Poxvirus manipulation of the host cell protein synthesis machinery	\$391,875
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI119618	Attenuated HSV for Vaccine Development	\$199,875
2017	NORTHWESTERN UNIVERSITY	IL	R01AI105839	Regulation of food allergy and anaphylaxis by IL 33	\$386,250
2017	UNIVERSITY OF CHICAGO	IL	R01AI120700	Accelerating PrEP Diffusion through Network Change Agents	\$492,687
2017	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$622,872
2017	UNIVERSITY OF CHICAGO	IL	R21AI121891	Calcium dynamics and Legionella infection	\$197,500
2017	NORTHWESTERN UNIVERSITY	IL	R21AI121836	Discovery and validation of avermectin resistance loci in free-living and parasitic nematodes	\$185,869
2017	ILLINOIS STATE UNIVERSITY	IL	F31AI112288	Characteristics of the larval habitat and the spread of invasive disease vectors	\$43,528
2017	NORTHWESTERN UNIVERSITY	IL	R21AI123462	The non-canonical role of the CRISPR Cas2 nuclease in infection by Legionella pneumophila	\$227,370

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2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI110586	Commensal Exopolysaccharide Protection from Inflammation	\$408,745
2017	NORTHWESTERN UNIVERSITY	IL	R03AI125813	Diverse Functions of p38 γ MAPK in T Helper Differentiation	\$78,688
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI131267	Macrophage Redox State in Sterilizing and Injurious Inflammation	\$441,242
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI114467	Understanding ERAP molecular mechanism of MHC I antigen processing	\$399,750
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T35AI125220	Summer Research Experience for Medical Students in Inflammation and Infectious Diseases	\$60,575
2017	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI130763	Regulation of intestinal microbiota by B1 B cells during lung infection	\$234,000
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R13AI129358	Nido2017: International Nidovirus Symposium	\$5,000
2017	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	\$100,048
2017	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$507,585
2017	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$418,269
2017	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	\$36,720
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$398,750
2017	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$389,432
2017	UNIVERSITY OF CHICAGO	IL	R01AI115471	Gamma Delta T cell surveillance of metabolites as signals of cellular stress	\$389,432
2017	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$1,794,430
2017	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R21AI124037	Polyphosphate Loaded Nanoparticles for Suppression of Gut Pathogen Collagenase Activity and Promotion of Post-Surgical Intestinal Healing	\$217,909
2017	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI127031	4-Aminopiperidines as novel anti-influenza agents	\$153,183
2017	NORTHWESTERN UNIVERSITY	IL	R01AI125171	Harnessing MUC16-IgG Interactions to Enhance HIV Vaccine Function	\$583,563
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI128228	Mechanism and structure of a novel activator of an alternative Sigma factor regulating competence	\$75,953
2017	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	R01AI122308	Feasibility of an Ingestible Sensor System to Measure PrEP Adherence in YMSM	\$624,203
2017	NORTHWESTERN UNIVERSITY	IL	P01AI131346	Pathogenesis of Rebound SIV/HIV Viremia after Antiretroviral Therapy	\$1,602,839
2017	UNIVERSITY OF CHICAGO	IL	R01AI127518	Novel antiviral activity of interferon-gamma against viral replication complex	\$399,048
2017	UNIVERSITY OF CHICAGO	IL	R01AI127411	Host's and microbiota's contribution to sexual dimorphism of autoimmunity	\$551,958

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2017	NORTHWESTERN UNIVERSITY	IL	R03AI126090	Ethical and Sociocultural Implications of Genetic Testing in Transplantation	\$78,251
2017	NORTHWESTERN UNIVERSITY	IL	R21AI131035	Development of Lipid-based Nanoparticle Vaccines Against Mycobacterium tuberculosis	\$232,779
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120994	Staphylococcus aureus Survival During Nutrient Restriction and Suppression of Host Immunity	\$364,666
2017	UNIVERSITY OF CHICAGO	IL	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$364,432
2017	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$389,432
2017	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$378,940
2017	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,587,600
2017	UNIVERSITY OF CHICAGO	IL	R01AI108643	A common hematopoietic precursor to innate lymphoid cells	\$383,864
2017	NORTHWESTERN UNIVERSITY	IL	UM1AI120184	Sustained Long Acting Prevention Against HIV Program Operation	\$3,525,315
2017	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$271,442
2017	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI126971	4-(Aminomethyl) benzamides as novel anti-Ebola agents	\$363,598
2017	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$730,847
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI128171	Heparanase in Herpes Simplex Virus Pathogenesis and Disease	\$239,850
2017	UNIVERSITY OF CHICAGO	IL	R01AI117535	New retroviral restriction factor	\$634,167
2017	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125518	Context-specific action of antibiotics targeting the catalytic center of the bacterial ribosome	\$399,750
2017	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI118880	Overcoming nutritional immunity: Staphylococcal adaptation to host-imposed manganese and zinc starvation	\$373,843
2017	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$386,250
2017	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$385,429
2017	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$953,987
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$409,940
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI129543	Building better T cell receptors for targeted immunotherapy	\$772,935
2017	UNIVERSITY OF NOTRE DAME	IN	R13AI131541	10th Arthropod Genomics Symposium (AGS)	\$6,000
2017	PURDUE UNIVERSITY	IN	R01AI127465	Effector-mediated Ubiquitin Manipulation in Legionella Pneumophila Pathogenesis	\$405,709
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$463,320
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116496	The GCN5b acetylation complex in the AIDS pathogen Toxoplasma	\$385,800

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2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI125822	Elucidating new and old roles for autophagy-like proteins in <i>Toxoplasma gondii</i>	\$195,284
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI121985	Stress induction of a cellular immune response in <i>Drosophila</i>	\$193,125
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$729,927
2017	MIRAVISTA DIAGNOSTICS, LLC	IN	R43AI131868	Improved Method for the Rapid Diagnosis of Coccidioidomycosis	\$300,000
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$4,859,609
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$380,000
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI117835	Targeting latently infected Tfh cells to achieving a functional cure of HIV-1	\$386,080
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI122837	Vitamin D as Supplemental Therapy for Pneumocystis Pneumonia	\$196,250
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120962	Antibacterial activity of peptidoglycan recognition proteins	\$390,000
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$344,200
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI128116	Development of Yeast Interfering RNA Larvicides Targeting <i>Aedes aegypti</i>	\$248,761
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121849	Determining the mechanism of Wolbachia pathogen blocking	\$190,071
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI129241	Th9 cells in immediate hypersensitivity	\$391,875
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R33AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$386,436
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI123491	Elucidating the An. Funestus complex	\$194,965
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI124723	Translational control during stage conversion of <i>Toxoplasma</i> , an opportunistic infection of HIV/AIDS	\$389,080
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI118933	Multimode Observation of Virus Capsid Assembly	\$403,993
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	\$392,500
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$390,000
2017	UNIVERSITY OF NOTRE DAME	IN	R13AI133973	Midwest Microbial Pathogenesis Conference	\$8,500
2017	UNIVERSITY OF NOTRE DAME	IN	R21AI125765	Visual Inputs in Mosquito Behaviors	\$231,750
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI126643	Characterizing the Role of Specific Host Lipids during Reovirus Cell Entry	\$60,166
2017	PURDUE UNIVERSITY	IN	R01AI130186	Repurposing auranofin and ebselen for treatment of multidrug resistant pathogens	\$461,818
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i>	\$425,919
2017	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$481,534

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2017	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$638,825
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121450	Analyses of Host Proteins Regulating Alphavirus Genome Function	\$191,563
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121841	A New System to Modulate Phosphatidylserine to Investigate Filovirus Budding	\$195,938
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI122127	Eosinophil activation in pulmonary aspergillosis	\$65,520
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$390,000
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$288,285
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$188,930
2017	PURDUE UNIVERSITY	IN	R01AI111095	HBGA receptors in host cell entry and infection of norovirus	\$489,779
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$461,556
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121664	Development of anti-virulence drugs by targeting the SaeRS two component system of Staphylococcus aureus	\$165,974
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$430,230
2017	PURDUE UNIVERSITY	IN	R01AI123037	Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline	\$743,525
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121786	Reprogramming of host cell cholesterol homeostasis by Coxiella burnetii	\$192,492
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI125360	Empowering functional genomics of An. gambiae through inversion genotyping	\$515,479
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI130751	Decoupling Receptor Clusters and Signaling Crosstalk in Phagosome Membranes	\$72,729
2017	UNIVERSITY OF NOTRE DAME	IN	R37AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$466,899
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123271	Development of an HTS Assay for Discovery of HBV cccDNA Inhibitors	\$404,744
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	K22AI118863	Vibrio cholerae-chitin interactions and their role in cholera transmission and evolution	\$107,032
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI114435	The HIV Care Continuum Among Recent Offenders	\$477,099
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	\$337,690
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104944	The role of TLR3 signaling in Chlamydia caused urogenital pathology	\$385,091
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI114668	Resistance to Carbapenem Antibiotics in Acinetobacter baumannii	\$540,927
2017	PURDUE UNIVERSITY	IN	R01AI121302	Homing of Functionally Distinct ILC Subsets	\$378,953

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2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$702,147
2017	BALL STATE UNIVERSITY	IN	R15AI130950	Distinguishing features of <i>C. albicans</i> pseudouridylation and their roles in pathogenesis	\$441,234
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI125682	Defining clinical and sterile immunity to Plasmodium falciparum infection using systems biology approaches	\$185,224
2017	UNIVERSITY OF NOTRE DAME	IN	R01AI116548	The quinazolinone class of antibacterial agents	\$602,009
2017	PURDUE UNIVERSITY	IN	R21AI117205	The Response of Mitochondria to Legionella Infection of Macrophages	\$188,034
2017	UNIVERSITY OF NOTRE DAME	IN	P01AI127338	Harnessing the power of experimental genetic crosses and systems genetics to probe drug resistance in malaria	\$2,408,349
2017	PURDUE UNIVERSITY	IN	R01AI132681	Combating Deadly Gram-negative Lung Infections: An Inhalation and Systems Approach	\$650,259
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of <i>Toxoplasma gondii</i>	\$392,367
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI108888	Graph-centric approaches to metatranscriptomic and metaproteomic data analysis	\$338,783
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123457	Dissecting the calcium dependent phosphorylation network of <i>Toxoplasma gondii</i>	\$522,871
2017	PURDUE UNIVERSITY	IN	R21AI121994	New mode-of-action chemistries for mosquito control	\$234,562
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH2AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	\$97,541
2017	PURDUE UNIVERSITY	IN	R21AI128134	Novel Type IV Effectors from Helicobacter Pylori	\$221,214
2017	SUNNYLIFE PHARMA INC.	IN	R43AI122541	Structure-activity relationship of small molecule inhibitors of human papillomavirus E6 protein will be tested.	\$50,000
2017	PURDUE UNIVERSITY	IN	R01AI114814	Emerging virus-host cell protein interaction networks	\$734,925
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI132771	The control of allergic immune responses by follicular regulatory T cells	\$533,777
2017	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116706	The role of the urethral microbiome in idiopathic urethritis in men	\$731,160
2017	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$377,500
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of <i>E. Chaffeensis</i> Gene Expression	\$441,044
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI119544	Somatic Gene Therapy for Mosquitoes	\$187,500
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI125929	Transposon mutagenesis for Chlamydia trachomatis	\$184,466
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI109039	Norovirus 3CL Protease-Based Anti-norovirus Therapeutics	\$734,295
2017	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI122962	The role of APOBEC3 proteins in innate immune responses in developing thymocytes	\$191,250

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2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127895	Determining the role of Interleukin-17 in the Immune Response to Respiratory Syncytial Virus Infection	\$190,000
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI113307	Assessment of serotype-independent immunity elicited by Shigella T3SS proteins.	\$375,000
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	\$366,871
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121906	Evolution and biology of Influenza B viruses in pigs	\$230,905
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI133367	Classical Complement Pathway Evasion Mechanisms of Lyme Disease Spirochetes	\$238,450
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associated diarrhea	\$377,020
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$431,860
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125093	Generating Native Env Glycosylation in HIV Vaccine Candidates	\$671,763
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI117424	The role of peptide signaling in Enterococcus faecalis biofilm development	\$222,492
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121729	Efficacy of a novel nanoparticle vaccine and nutrition during RSV infection	\$225,000
2017	PITTSBURG STATE UNIVERSITY	KS	R03AI132832	"Magnetic Resonance Nanosensors for the Rapid Diagnosis of Influenza and Investigation of Viral Binding and Fusion Mechanisms"	\$69,114
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$365,153
2017	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI123351	Assembly/function of the sorting platform of the Shigella type III secretion apparatus	\$444,869
2017	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI121073	Mechanistic control of metabolism and virulence by fatty acid kinase in MRSA	\$382,500
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI128406	Selective translation conferred by the poly(A) leader of vaccinia virus mRNAs	\$187,500
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$375,000
2017	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI127973	Functions of Translocated Bacterial Glycosyltransferases	\$187,500
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$535,976
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI120244	Molecular and Cellular Pathogenesis of Legionella	\$375,000
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124081	Regulation of GC B Cells by Transcription Factor STAT3	\$115,500
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI126252	Functions of T. pallidum and L. interrogans PUR proteins	\$73,820

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2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI130437	Exploring neurotropism in a food borne model of listeriosis	\$188,125
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI127970	Mechanisms of successful vaccine adjuvants	\$385,000
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U01AI132817	Targeted delivery of immunomodulatory biologics for induction of immune privilege to allogeneic pancreatic islet grafts	\$401,654
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$456,225
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	U01AI123832	Role of TRPV1 in asthma exacerbation	\$301,000
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI129522	Pathogenesis of Borrelia mayonii infection	\$248,250
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI118814	Lead Optimization of ML336, a Potent VEEV Inhibitor	\$663,500
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI119022	Structure and mechanism of the ESX secretion system from pathogenic mycobacteria	\$376,250
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$512,093
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI128818	Regulation of dermal gammadelta T cells by microbial pathogens/commensals in health and psoriasis	\$200,000
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI128206	Intestinal epithelial cells-derived exosomal miRNAs regulate liver inflammation in obesity	\$231,000
2017	MOSQUITOMATE INC	KY	R44AI112048	Phase II: Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$597,201
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI124649	Mutagenesis in Chlamydia trachomatis via allelic exchange	\$188,125
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI128862	Biosynthesis and medicinal chemistry of the capuramycin antimycobacterial antibiotics	\$200,000
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$338,626
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI122078	Blocking RNA virus replication through the antiviral functions of cellular helicases	\$210,000
2017	THERAPYX INC	KY	R44AI115877	Experimental Gonococcal Vaccine	\$805,248
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI129959	Enhanced diagnostic assessment in lupus using differential scanning calorimetry	\$360,517
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI133056	Borrelia burgdorferi responses to antibiotic stresses	\$89,645
2017	THERAPYX INC	KY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI126883	Borrelia miyamotoi: mechanisms of tick colonization and transmission	\$176,957

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2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	K22AI118949	Contact-Dependent Interbacterial Signaling in Burkholderia	\$108,000
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI130756	Innate immune mechanisms regulating silicosis	\$192,500
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI134323	Effector molecules for IFN-gamma-mediated prevention of Toxoplasma proliferation in the brain	\$229,500
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$373,444
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI131427	RNAi methods for Zika virus vector control	\$210,000
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F30AI114194	Elucidating binding, fusion and entry of HMPV in cell culture and host tissue	\$49,044
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$2,255,692
2017	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI123486	Role of the gut microbiota in shaping severity of malaria	\$515,328
2017	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI129382	Autumn Immunology Conference	\$9,000
2017	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R03AI121446	Functional Domains of the Epstein-Barr Virus Fusion Protein Glycoprotein B	\$72,500
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI127544	Combination Vaccines to Interrupt Malaria Transmission	\$581,896
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI134240	Immune Correlates of Protection from TB	\$828,491
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI113720	Neutrophil Function in Bacterial Pneumonia	\$369,629
2017	Louisiana State University System	LA	R01AI118860	Consequences of vaginal microbiota on IFN γ -mediated clearance of Chlamydia trachomatis	\$608,095
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$366,375
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI106676	Epstein Barr virus antisense transcription	\$376,250
2017	TULANE UNIVERSITY OF LOUISIANA	LA	U19AI115589	International Collaboration in Infectious Disease Research on Lassa fever	\$675,365
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	\$843,809
2017	Louisiana State University System	LA	R21AI121731	Novel Pneumocystis Surface Proteins as Vaccines to Prevent Infection	\$213,788
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$498,841
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI128130	Role of IDO in tryptophan pathway during Mycobacterial Tuberculosis infection	\$202,566
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132223	Preclinical evaluation of a potent Lassa fever immunotherapeutic antibody cocktail	\$1,268,148

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2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI121894	Identification of Tick Chemoattractant(s) for B. burgdorferi	\$243,000
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123029	Effect of immunization route and prior immunity for a live attenuated varicella AIDS vaccine	\$807,124
2017	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$1,590,807
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI131433	Testing novel microbicide candidates in sustained release formulations	\$663,342
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI122199	Antigen Structure-Based Supervised Learning for CD4+ T-cell Epitope Prediction	\$188,125
2017	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI116851	Roles of the UL148 glycoprotein in human cytomegalovirus cell tropism	\$362,500
2017	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$546,615
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI122197	Mast cell control of endogenous, antigen-specific CD4 T cell immunity	\$188,125
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110158	Modified CMV-specific T cells to Target HIV	\$502,933
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123047	Impact of concurrent HIV and latent TB therapies on Mtb-specific immune function	\$873,043
2017	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$365,000
2017	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,500
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$370,000
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$1,148,492
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127222	Correlates of protection from TB and TB/AIDS comorbidity	\$188,248
2017	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI114697	Development of Novel Adjuvants LTA and LTA1	\$376,250
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI132244	Structure-based design of novel Lassa virus glycoproteins for vaccine development	\$1,562,780
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127160	Characterization of Protective Immunity to MTB in a Setting of HIV Coinfection	\$132,825
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	\$370,000
2017	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI118904	The Role of Epithelial-Stromal Communication in the Human Papillomavirus Type 16 Life Cycle	\$362,500
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	K22AI108721	MOLECULAR CHARACTERIZATION OF T. GONDII MEROZOITES TO DEVELOP A CULTURE SYSTEM	\$108,000

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2017	Louisiana State University System	LA	R21AI121451	Genome editing in Rhizopus delemar using using CRISPR-Cas systems	\$182,500
2017	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI130672	Large farm and small companion animal intestinal organoids as platforms for parasite enteric development	\$222,000
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	\$220,751
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI117569	The IL-22/IL-22 binding protein axis is critical for viral induced thymic atrophy and regeneration	\$188,125
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$352,347
2017	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI125542	The Role of Sta in ETEC Pathogenesis	\$376,250
2017	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$376,250
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$405,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI114179	Mechanisms by which DNA sequence directs AID-mediated mutagenesis of Ig loci	\$49,044
2017	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$165,455
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$435,000
2017	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,659,082
2017	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$661,068
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI116366	Identifying the ligand for the activating NK cell receptor KIR3DS1 and its protective role in HIV-1 disease progression	\$49,044
2017	NORTHEASTERN UNIVERSITY	MA	R01AI122286	Persister cells of Borrelia burgdorferi	\$572,380
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI110165	Killing the Reservoir with Antibodies	\$468,302
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$488,623
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$418,750
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$435,000
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,746,368
2017	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$562,169
2017	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$492,911
2017	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,637,545
2017	UNIVERSITY OF MASSACHUSETTS	MA	F32AI120556	Defining the Impact of Neutrophils on Bacterial Environment during Tuberculosis	\$57,066
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI107360	Restoring Immune Function Following Radiation Injuries by TLR9 Agonist Treatment	\$584,538

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2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$193,428
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$410,580
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$789,041
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	\$384,183
2017	DAKTARI DIAGNOSTICS, INC.	MA	R44AI129138	Highly-sensitive zika and dengue antigen/antibody combo test for the point of care	\$221,653
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI118692	Training Program in Immunological Tolerance and Autoimmunity	\$189,470
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U24AI118656	Monitoring peripheral blood leukocyte and immune responses in health and disease	\$383,060
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114710	Lipooligosaccharide mimitope vaccines against Neisseria gonorrhoeae	\$449,255
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$522,000
2017	GINER, INC	MA	R43AI132046	Point-of-Care Sensor for Host Gene Response to Pathogen Infection	\$224,999
2017	TUFTS UNIVERSITY	MA	R01AI110684	Mammalian cell collaboration with bacterial type III secretion	\$412,500
2017	Trustees Of Boston University	MA	R21AI113522	Elucidation of Ikaros function in peripheral T cell responses in vivo	\$205,625
2017	TUFTS UNIVERSITY	MA	R03AI123885	Novel Recombinant Chlamydia Antigens	\$84,097
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114495	Elucidation of the role of 2 novel cross presentation genes	\$418,750
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126189	Human islet-derived, islet-reactive T cells from subjects with Type 1 diabetes	\$209,375
2017	TUFTS MEDICAL CENTER	MA	R21AI127238	Role of GAG-Binding Proteins in Cryptosporidium Infection	\$262,500
2017	MICROBIOTIX, INC	MA	R43AI122465	Novel beta-lactams as inhibitors of ebola virus infections	\$297,415
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126596	Protection of organ transplant from ischemia reperfusion injuries	\$518,498
2017	TUFTS UNIVERSITY	MA	F31AI122615	Reversing age-related defects in innate and adaptive immune responses to Streptococcus pneumoniae by oral supplementation with vitamin E	\$39,784
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI125051	Gene therapy for SCID-X1 with low dose busulfan and a SIN-lentiviral vector	\$598,418
2017	Trustees Of Boston University	MA	R21AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	\$222,075
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI113294	Mechanisms of food allergy elicited by cutaneous sensitization	\$742,501
2017	TUFTS UNIVERSITY	MA	R01AI118898	C ALBICANS IN THE GI TRACT ENVIRONMENT	\$505,101
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124143	CD4+ T cell Tolerance to Enteric Commensal Bacteria	\$205,230

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	TUFTS UNIVERSITY	MA	R21AI128328	Identification of the Achilles? heel in Acinetobacter fluoroquinolone-resistant mutants	\$206,250
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI126592	The Chemistry and Biology of Galactofuranose-Containing Glycans	\$466,853
2017	BRANDEIS UNIVERSITY	MA	R56AI090745	Glycopeptide evolution targeting antibodies of the PGT128 lineage.	\$523,424
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI126687	The Role of PI3K in the Maintenance and Function of T Follicular Regulatory Cells	\$36,599
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131502	Functional characterization of HtrA, an essential mycobacterial protease	\$36,700
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI112272	Mechanisms of ARF6 function in Shigella entry	\$17,647
2017	Trustees Of Boston University	MA	R21AI130889	Genetic modification of cultured Cryptosporidium to test the autoinfection model	\$246,750
2017	DETECTOGEN INC	MA	R44AI113992	Novel non-invasive antigen detection assay for the diagnosis of active visceral leishmaniasis and to monitor the therapy efficacy of this disease	\$611,946
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI121285	Studies of IGHV Germline Gene Polymorphism, Utilization & Shifting for Seasonal Influenza Vaccine Induced Broadly Neutralizing Antibody Responses	\$834,149
2017	Trustees Of Boston University	MA	R01AI113927	Rapid molecular diagnostic for chlamydia and gonorrhea at the point-of-care	\$409,039
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI130669	Aspergillus fumigatus Volatile Secondary Metabolite Dynamics for the Identification of Azole-resistant Aspergillosis	\$256,251
2017	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$521,683
2017	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$552,296
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$418,750
2017	BOSTON COLLEGE	MA	R21AI128136	Mapping the protein landscape of the Toxoplasma basal complex	\$234,750
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI123516	CLEC-2/Pdpr Mediated Regulation of Airway Inflammation	\$186,644
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI123086	Mechanisms of Kidney-Induced Cardiac Allograft Tolerance	\$2,223,329
2017	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI134365	HIV-1 RNA structure effects on latency reversal	\$309,688
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI133524	Defining regulators of immunity to acute infection using CRISPR screens	\$2,462,939
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI125816	Distinct Function and Control of Regulatory T Cell Subsets During Influenza	\$199,840
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI134498	Enrichment-free Salmonella detection for food safety	\$764,355
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI131912	Unbiased identification of HIV-derived antigens during latency and reactivation	\$256,500

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2017	BOSTON MEDICAL CENTER	MA	F31AI129195	Effects of Differential T Cell Associated Signals on HIV Infection	\$28,044
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI127766	The role of CD1a-restricted T cells in inflammatory skin diseases	\$442,500
2017	CASTERBRIDGE PHARMACEUTICALS INC	MA	R41AI131739	Hit-to-Lead optimization of small-molecule inhibitors of herpes simplex viruses	\$225,000
2017	KEPHERA DIAGNOSTICS, LLC	MA	R43AI134502	Serologic assays for detection of Zika virus antibodies for clinical diagnosis and blood donor counseling	\$299,621
2017	Trustees Of Boston University	MA	R01AI134430	Predictors of Resistance Emergence Evaluation in MDR-TB Patients on Treatment (PREEMPT)	\$998,235
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI129168	Intragraft DepTOR and transplant rejection	\$221,250
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI123517	Atopy, Leptin and Potential Biomarkers of Comorbid Obesity and Asthma in Inner-City Schoolchildren	\$196,472
2017	Trustees Of Boston University	MA	R21AI128189	Cytosolic mRNA Uridylation in Trypanosoma brucei	\$205,625
2017	ALDATU BIOSCIENCES	MA	R44AI128974	PANDAA for rapid genotyping of HIV-1 infected patients failing protease inhibitor ART in resource-limited settings	\$998,024
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127507	Nasal microRNA during bronchiolitis and age 6y asthma phenotypes: MARC-35 cohort	\$1,786,162
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$775,766
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI112823	Structure and Function Studies of LL-37 Binding to CsrS of Group A Streptococcus	\$190,294
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI125603	T regulatory cell subsets at the microbial interface: determinism and function	\$423,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116577	Granzyme and Granulysin Mediated Death of Trypanosoma cruzi	\$626,473
2017	BOSTON COLLEGE	MA	R01AI110724	The bacterial response to antibiotics and the evolution of antibiotic resistance	\$391,250
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI124284	Dissecting the mechanism of age-specific adjuvant synergy in vitro and in vivo	\$708,066
2017	TUFTS UNIVERSITY	MA	R01AI121401	Multiple B. burgdorferi Factors Collaborate to Evade Complement-Mediated Defenses	\$629,219
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$597,511
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$617,758
2017	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$411,250
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$465,707
2017	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$687,162
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$1,727,457

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2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$507,870
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$2,277,110
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$56,989,695
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$442,500
2017	JOSLIN DIABETES CENTER, INC	MA	R21AI122110	Immune regulatory function of CD5	\$248,250
2017	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$515,568
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	\$759,607
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$408,647
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$143,640
2017	TUFTS UNIVERSITY	MA	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$412,500
2017	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$101,898
2017	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$136,284
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$2,581,462
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	\$442,500
2017	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$435,000
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	\$200,880
2017	TUFTS UNIVERSITY	MA	R01AI122232	Spore Assembly in Clostridium Difficile	\$459,941
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$442,500
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$6,624,131
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI110655	Subcellular Mechanisms for Fungal Phagosome Maturation in Macrophages	\$200,880
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	\$641,235
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$742,271
2017	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$5,063,540
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI113333	Innate Immune Defense Mechanisms in the Intestine	\$593,621
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$980,000
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$200,880

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2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$424,375
2017	UNIVERSITY OF MASSACHUSETTS	MA	U01AI118161	Vaccines and Immunotherapeutics against gonorrhea in the context of Chlamydia co	\$498,200
2017	TUFTS UNIVERSITY	MA	U01AI109656	Searching for Persistence in Lyme Disease	\$797,360
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI117839	Next generation hybrid nucleases for precise excision of latent HIV-1 provirus	\$914,295
2017	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,064,926
2017	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	\$592,746
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI124982	Conformational Landscape of the HIV-1 Envelope Glycoproteins	\$697,140
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121066	Innate control of the inflammatory process during fungal infections	\$442,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124096	Exosomes and Donor MHC Cross-Dressing of Recipient Cells in Allotransplantation	\$210,200
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI121491	Humoral mechanisms of tolerance in peanut oral immunotherapy	\$197,208
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$418,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI127193	Structure-function studies of the membrane-interacting domains of HIV-1 Env spike	\$834,107
2017	Trustees Of Boston University	MA	R03AI126168	Exploring Nanomechanical Fluctuations of Surface-Adhered Bacteria for a Novel Antibiotic Susceptibility Test	\$82,250
2017	BROAD INSTITUTE INC	MA	K01AI126519	Automated and sensitive genomic co-profiling for precision pharmacogenomics	\$131,490
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI125631	The Clinical and Economic Impact of Penicillin Allergy	\$136,624
2017	DANA-FARBER CANCER INSTITUTE	MA	P01AI126901	Targeting Immunogenicity to the MPER Hinge and C-helix for BNAb Elicitation	\$1,743,161
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI116228	Targeting HIV-1 persistence with Interferon-a	\$513,000
2017	MICROBIOTIX, INC	MA	R41AI122433	T3SS needle protein inhibitors for the treatment of P. aeruginosa infection	\$297,758
2017	BETH ISRAEL HOSPITAL	MA	K08AI114958	Demographics Causes and Consequences of B Cell Repertoire Diversity	\$191,376
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U19AI118608	Systems Biology to Identify Biomarkers of Neonatal Vaccine Immunogenicity	\$2,028,320
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI130776	Development and application of glycan readers for the detection and analysis of bacterial glycoconjugates	\$232,050
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130737	Investigation into the epigenetic mechanisms of trained immunity?	\$265,500
2017	BRANDEIS UNIVERSITY	MA	R21AI130560	Enzyme-instructed nanoscale assemblies for killing multidrug resistant bacteria	\$203,125

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2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K24AI131928	Addressing Major HIV Prevention and Health Outcomes Questions in an Era of Universal ART: Mentoring in a Community-Randomized Trial	\$190,858
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI115711	Tesamorelin Effects on Liver Fat and Histology in HIV: A Collaborative U01 Grant	\$685,269
2017	MICROBIOTIX, INC	MA	R43AI134120	Inhibitors of Pseudomonas aeruginosa efflux pumps to combat multi-drug resistance	\$299,342
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI132387	Molecular basis of action and pathogenesis of Clostridium difficile toxin B	\$648,105
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI118538	Studies of Mucosal Associated Invariant T (MAIT) cells in people with HIV, TB and HIV/TB co-infection in South Africa	\$193,884
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123349	Cellular mechanisms by which exhausted T cell responses are restored	\$409,750
2017	BROAD INSTITUTE INC	MA	R01AI132300	New targets against tuberculosis	\$1,505,690
2017	Trustees Of Boston University	MA	U19AI117892	Modeling affinity maturation at molecular resolution	\$1,572,724
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI127079	Single-Cell Analysis of HIV Latency Reversal	\$282,225
2017	WARP DRIVE BIO INC	MA	R43AI131946	New Approaches to Mining the Complete Actinomycete Genome to Discover Novel Beta-Lactam Antibiotics	\$154,588
2017	MICROBIOTIX, INC	MA	R43AI125043	Screening for rAAV transduction enhancers	\$299,999
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI130005	Proteomics and phosphoproteomics analysis in HIV-1 infection	\$652,471
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042006	Cost-Effectiveness of Preventing HIV Complications	\$858,653
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$538,137
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$425,337
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$784,976
2017	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2017	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$195,029
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$448,598
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$621,120
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$586,931
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$418,750
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	\$403,750
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$380,250
2017	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$409,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI029873	Molecular Biology of HIV-Gag Proteins	\$373,598
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI109857	Molecular determinants of N-linked glycosylation in <i>Campylobacter jejuni</i>	\$112
2017	Trustees Of Boston University	MA	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$469,303
2017	BRANDEIS UNIVERSITY	MA	R01AI113737	Design of Immunogens to Elicit PGT122 like Antibodies	\$423,961
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI103142	Regulation of neutrophil function by ROS-induced actin glutathionylation	\$442,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI111918	Inflammation and the vaginal metagenome in HIV acquisition	\$612,193
2017	BETH ISRAEL HOSPITAL	MA	R01AI116363	HIV-specific responses mediated by human NK cells	\$750,686
2017	TUFTS UNIVERSITY	MA	R01AI113075	Cardiac Cell Entry-Inhibition and Protection Therapy for Chronic Chagas Disease	\$457,750
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI116834	Specification of Treg cells: FOXP3 functional facets	\$521,213
2017	BOSTON MEDICAL CENTER	MA	R01AI122209	CD1a Vaginal Dendritic Cells and HIV-1 Acquisition in the Female Genital Tract	\$432,518
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI119918	Mast cell regulation of Th2 induction and tolerance breakdown in food allergy	\$577,162
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122363	Dissecting the role of Escherichia coli peptidoglycan synthase activators	\$36,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123001	Cardiovascular Disease Risk in HIV-infected Women: Sex-Specific Mechanisms of Risk and Risk Reduction among REPRIEVE Trial Participants	\$738,035
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119763	Control of macrophage activation by Akt signaling and metabolic input	\$201,875
2017	BOSTON COLLEGE	MA	R03AI122042	Proteomic mapping of differential secretion in <i>Toxoplasma gondii</i>	\$78,250
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R33AI111713	Targeting cell separation systems of gram-negative bacteria.	\$508,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI123494	The gut microbiome and susceptibility to <i>Vibrio cholerae</i>	\$200,308
2017	BOSTON MEDICAL CENTER	MA	R01AI119037	The impact of alcohol consumption on TB treatment outcomes	\$636,004
2017	NORTHEASTERN UNIVERSITY	MA	P01AI118687	Resolving the bottleneck in antibiotic discovery	\$1,748,006
2017	Trustees Of Boston University	MA	R21AI126457	Antiviral responses in iPSC-derived human primary cells to Ebola virus infection	\$210,375
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126889	Genetic screens for erythrocyte determinants of protein trafficking in malaria parasites	\$198,698
2017	Trustees Of Boston University	MA	R21AI127706	Seminal Microbiota Associated with Inflammation and HIV Transmission	\$205,677

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2017	WARP DRIVE BIO INC	MA	R43AI129043	Genome Mining the Full Diversity of the Actinomycete Biosynthetic Universe for Neomorph Antibiotic Discovery	\$225,000
2017	TUFTS UNIVERSITY	MA	R21AI124049	Dissection of the new pro-inflammatory components of the necrosome complex	\$220,850
2017	TUFTS MEDICAL CENTER	MA	R21AI128342	A bioengineered 3D primary human intestinal model for Cryptosporidium	\$267,000
2017	UNIVERSITY OF MASSACHUSETTS	MA	R13AI129301	International Immunocompromised Host Society's 19th International Symposium on Infections in the Immunocompromised Host	\$6,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131469	Detecting Infection at Its Onset: The Site of RIG-I Signaling	\$36,599
2017	TUFTS UNIVERSITY	MA	R01AI055058	Impact of Bacteriophages on Virulence and Transmission of Vibrio cholerae	\$412,500
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$830,419
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$718,979
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127236	Evaluating Portfolio Interventions for HIV Incidence Reduction in the United States: Development of a Novel Agent-Based Decision-Analytic Model for Dynamic Evaluations of Interventions	\$306,537
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI123883	Host neutrophils as direct mediators of tissue graft revascularization	\$221,250
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI125535	Molecular mechanisms of the RAG recombinase in V (D)J recombination and disease	\$634,401
2017	Trustees Of Boston University	MA	R21AI131979	Combining social network, spatial, and phylogenetic approaches to identify new HIV infections	\$237,705
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI117929	Immune control mechanisms of TB latency in the setting of HIV co-infection	\$442,500
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI134494	Prevention of HIV-1 transmission by small-molecule CD4-mimetic entry inhibitors	\$637,896
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI132723	The Cysteinyl Leukotriene E4 Receptor, GPR99, Orchestrates Airway Epithelial Cell Differentiation and Type 2 Pulmonary Inflammation	\$199,800
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$565,114
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI130547	Altered CD4+ T cell function in relation to the AHI1 MS locus	\$432,647
2017	SAMPLE6 TECHNOLOGIES, INC.	MA	R44AI131952	Adaptation of an enrichment-free Listeria diagnostic to food matrices	\$516,893
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112748	Finding and Treating Unsuspected and Resistant TB to Reduce Hospital Transmission	\$692,241
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$575,007

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2017	Trustees Of Boston University	MA	R01AI110638	Structure and Development of Oocyst and Sporocyst Walls	\$407,250
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$441,589
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI129966	Role of Clec2d-DAMP interactions in the pathophysiology of tissue injury and sepsis	\$418,750
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$515,835
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI128068	TIM-1 and AhR: Key regulators of B-cell mediated Transplant Tolerance	\$185,220
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131747	The role of Fc function in broadly neutralizing antibody efficacy against HIV	\$36,802
2017	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$412,500
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114968	The role of DOCK8 in autoimmunity	\$194,490
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,286,165
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$442,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$418,750
2017	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$3,046,726
2017	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$432,500
2017	TUFTS UNIVERSITY	MA	R01AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$453,895
2017	TUFTS UNIVERSITY	MA	R01AI121337	SIGNALING MECHANISMS IN VIBRIO CHOLERAEE PARALLEL QUORUM SENSING PATHWAYS	\$409,383
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$796,483
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	\$435,000
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI106878	O-Specific Polysaccharide Responses and Cholera	\$779,448
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	\$435,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI110053	Elucidation of structure and dynamics of bacterial biofilms by particle tracking	\$30,892
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$410,000
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI112652	Global regulators converge to orchestrate metabolism, biofilm, and pathogenesis	\$557,550
2017	Trustees Of Boston University	MA	R01AI113321	Initiation and regulation of RSV mRNA transcription and genome replication	\$414,999
2017	IMMUNETICS, INC	MA	R44AI102343	Molecular Detection of Invasive Fungal Infections	\$988,975
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI115698	Thymocyte integrin regulation by plexinD1	\$424,773
2017	TUFTS UNIVERSITY	MA	R01AI109048	Role of Listeria CodY in Integrating Metabolism and Virulence	\$573,134

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2017	Trustees Of Boston University	MA	R33AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFN γ	\$491,100
2017	UNIVERSITY OF MASSACHUSETTS	MA	R56AI060025	Activation of Insect Immunity by Gram-Negative Bacteria	\$211,048
2017	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$409,250
2017	BROAD INSTITUTE INC	MA	R01AI114855	Elucidating Genetic Determinants of Resistance to Lassa Hemorrhagic Fever	\$756,479
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI108588	Viral persistence & the microbiome in bronchiolitis and risk of recurrent wheeze	\$708,347
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI119065	Role of SCARF1 in apoptotic cell clearance and prevention of autoimmunity	\$412,800
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117706	Adjuvants and Glucan Particle Vaccines	\$209,375
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI118955	Programmed cell death in <i>P. aeruginosa</i>	\$534,715
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI125122	Pharmacokinetic and Programmatic Evaluations to Optimize HIV/TB Co-Treatment Regimens in Children	\$199,549
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI123265	Granulysin, Granzymes and Perforin in Bacterial Immune Defense	\$442,500
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117440	Regulation of Th17 immune responses by serpinB1	\$221,250
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117737	Human complement C4 isotypes in Lupus	\$221,250
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117304	Defining physiological correlates of the human malaria infectious reservoir	\$201,875
2017	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillance	\$2,209,004
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI125096	The Use of Monoclonal Antibodies Delivered by Viral Vector as an HIV-1 Therapeutic	\$59,166
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI126765	<i>Shigella</i> protein complex-mediated repression of innate immunity early during infection	\$15,345
2017	TUFTS UNIVERSITY	MA	R21AI126757	Role of innate immune tolerance in the pathogenesis of Lyme disease	\$247,500
2017	TUFTS UNIVERSITY	MA	R00AI114952	Bacterial Sensing and Response to Chloride as a Novel Tuberculosis Drug Target	\$249,000
2017	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI126999	Optimization of a mucosal RSV vaccine	\$227,844
2017	TUFTS UNIVERSITY	MA	R21AI119833	Activation of STING-mediated pathway(s) in T cells	\$247,500
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI129412	Chemogenomic Interrogation of Non-Genetic Drug Resistance in <i>Plasmodium falciparum</i>	\$37,600
2017	BROAD INSTITUTE INC	MA	R21AI121932	Microfluidic sample preparation for genomic sequencing of clinical pathogen isolates	\$274,500
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI124101	Mechanisms of disease in patients with I β B γ mutations	\$265,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126122	Regulation of Antibody Diversity by AP Endonucleases	\$251,250
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI128480	Chemical genetic screening to identify synergistic inhibitors of malaria parasite cell cycle regulators	\$238,063

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2017	TUFTS UNIVERSITY	MA	R21AI125891	Towards the development of pro- and prebiotics against cryptosporidiosis	\$206,250
2017	BOSTON COLLEGE	MA	R21AI130447	Using Mobile Application Strategies to Increase HPV Vaccination Rates among YMSM	\$275,510
2017	NORTHEASTERN UNIVERSITY	MA	R21AI127594	Lead optimization of agents targeting multiple kinetoplastid parasites	\$159,953
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI130934	Immune progression and plasticity in relation to child age	\$234,997
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI130357	Antibody Mediated Mechanisms of Immune Modulation in Tuberculosis	\$201,907
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$693,674
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI114557	Neutralizing Antibodies in Acute and Persistent Epstein-Barr Virus Infection	\$593,287
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$442,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI119157	Bioinformatic and functional analysis of antibiotic-responsive small non-coding RNAs in bacterial pathogens	\$196,762
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI132606	Genomics approaches to elucidating pathways to antibiotic resistance in Neisseria gonorrhoeae	\$397,500
2017	Trustees Of Boston University	MA	R21AI134576	Placental Defenses against Zika Virus Infection	\$258,196
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128547	Bacterial inhibition of Pyrin inflammasome activation	\$251,250
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI116597	Molecular biology of Trichomonas vaginalis viruses	\$420,060
2017	MICROBIOTIX, INC	MA	R01AI132276	Oxadiazole Inhibitors of Non-Stop Ribosome Rescue to treat MDR Neisseria gonorrhoeae	\$1,432,109
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI130289	An Immune Surveillance Network in C. elegans	\$418,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI124491	Mechanistic Elucidation of Inflammasome Assembly and Regulation	\$442,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI133288	Bacterial regulation of lipid immuno-modulators in patients with ulcerative colitis	\$209,375
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$422,106
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI118544	Molecular networks of HIV-specific CD4 T cell help to B cells	\$435,833
2017	Lyndra Therapeutics, Inc.	MA	R01AI131416	Development of Ultra Long-Acting Oral HIV Therapies	\$781,700
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI126239	Identification of potent small molecule inhibitors of Cas9	\$221,875
2017	PLATELET BIOGENESIS, INC.	MA	R43AI125134	Platelet Bioreactor for Treatment of Radiation-Induced Thrombocytopenia	\$300,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI130019	Pain and Neuro-immune Signaling in S. pyogenes pathogenesis	\$656,112
2017	Trustees Of Boston University	MA	R01AI133080	SAMIPS-NPC: Southern Africa Mother Infant Pertussis Study, Nasopharyngeal Carriage	\$808,130

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2017	NORTHEASTERN UNIVERSITY	MA	R01AI124046	Hit-to-lead optimization for sleeping sickness drug discovery	\$616,674
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$533,176
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,287,759
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$468,641
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$234,163
2017	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$211,429
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$403,476
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$442,500
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$13,641,027
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$1,122,839
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$553,785
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$650,362
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI114552	Infant specific-IgE, rhinovirus-C bronchiolitis, and incident asthma in MARC-35	\$851,486
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$532,442
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$183,061
2017	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$181,751
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$5,076,989
2017	ARIETIS CORPORATION	MA	R44AI112187	Antibiotics for Recalcitrant Infection	\$1,000,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$443,487
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI116979	Novel mechanisms of T cell costimulation: the role of LRRC8A in T cell activation	\$191,970
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI108718	The translation apparatus of Leishmania: from basic analysis to pursuit of novel	\$348,720
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111395	Characterization and Development of a Cross Spectrum Anti-Dengue Antibody	\$750,000
2017	BETH ISRAEL HOSPITAL	MA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$495,849
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$3,044,494
2017	BROAD INSTITUTE INC	MA	R33AI105936	A "radical" approach to tuberculosis infection	\$549,000
2017	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$418,750

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2017	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$396,951
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114790	Immune defenses against Neisseria gonorrhoeae	\$629,859
2017	Trustees Of Boston University	MA	R01AI116829	Gene Regulation in the Immune System	\$370,125
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI114162	Role of host factors during effector translocation by type III secretion	\$24,732
2017	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI123746	Identification of novel Toxoplasma genes involved in host-parasite interactions	\$243,750
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI116661	Influence of intestinal microbiota on post-natal thymic T cell development	\$106,800
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI124165	Targeting steroid hormone signaling in Anopheles mosquitoes for malaria control	\$696,824
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI127169	Immunity to TB in highly immunosuppressed HIV-infected and uninfected individuals	\$218,384
2017	TUFTS UNIVERSITY	MA	R21AI126050	The regulation of basal interferon and its role in necroptosis	\$247,500
2017	BETH ISRAEL HOSPITAL	MA	R01AI127089	TLR Immunotherapy to Eradicate Anatomic SIV Reservoirs	\$1,186,106
2017	BETH ISRAEL HOSPITAL	MA	R21AI122938	Measurement of Antibody Epitope Signatures by Peptide Microarrays to Determine Recency of HIV Infection	\$248,605
2017	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI122425	Exploratory Chemistry on a new antibiotic	\$738,383
2017	MICROBIOTIX, INC	MA	R41AI127009	Inhibitors of the viral nucleoprotein-polymerase co-factor interaction for human RSV and MPV therapy	\$284,808
2017	VERALASE LLC	MA	R42AI114012	Development of small near-infrared laser system capable of improving immune responses to vaccines (laser-based adjuvant)	\$691,508
2017	BETH ISRAEL HOSPITAL	MA	UM1AI126603	Combined Immunologic Approaches to Cure HIV-1	\$4,630,463
2017	DAKTARI DIAGNOSTICS, INC.	MA	R44AI124964	An HIV Viral Load Assay for the Point-Of-Care	\$1
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127853	MICRORNA CONTROL OF INFLAMMATORY AND REGULATORY T CELLS IN CENTRAL NERVOUS SYSTEM AUTOIMMUNITY	\$439,410
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130407	Protein labeling with engineered kinases to identify substrates of M. tuberculosis PknA and PknB	\$265,500
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI125785	Enterolactone and asthma	\$198,575
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124378	CDRH3-independent B cell stimulation to selectively expand VRC01 lineages from a fully humanized immunoglobulin repertoire	\$475,680
2017	TUFTS UNIVERSITY	MA	R01AI131656	Coping with Stress: Next Generation Approaches to Borrelia burgdorferi Host Adaptation	\$675,327
2017	EXARCA PHARMACEUTICALS, LLC	MA	R43AI132058	Novel anti-infectives for Clostridium difficile infection	\$300,000

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2017	TUFTS UNIVERSITY	MA	R21AI126067	Identifying Factors That Control Germinant Sensitivity During Clostridium Difficile Spore Germination	\$201,222
2017	NORTHEASTERN UNIVERSITY	MA	U24AI118665	Automated Patient-Specific Dendritic Cell Generation for Transcriptomics-Driven Vaccinology	\$384,918
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI129700	Novel Macrophage Specific Strategy for Imaging of Arterial Inflammation in HIV	\$70,110
2017	TUFTS UNIVERSITY	MA	R21AI128093	A tunable 3D human small intestinal tissue model for study of enteric pathogens	\$240,750
2017	BETH ISRAEL HOSPITAL	MA	R01AI129797	Optimization of Broadly Neutralizing Antibodies for HIV Eradication	\$748,107
2017	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI134274	Novel Antibiotics from Marine Invertebrate Microbes	\$286,229
2017	DANA-FARBER CANCER INSTITUTE	MA	R56AI138489	Elucidating protective CTL immunity through physical detection of epitopes in conjunction with assessment of TCR-pMHC bond lifetimes under load	\$450,000
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI132898	The microbiota and allograft rejection: novel investigations into the consequences of obesity	\$442,516
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI122160	Recognition of Group B Streptococci by Innate Immune Sensors	\$209,375
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI128197	Viral mechanisms of necroptosis evasion	\$251,250
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126143	Control of regulatory T cell stability and function by the Foxo1 transcription factor	\$213,750
2017	APHIOS CORPORATION	MA	R43AI124819	Purging Latent HIV Reservoirs through a Combination HIV Therapeutic	\$625,354
2017	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI129378	Selection of a device for intranasal administration of a mucosal vaccine for HSV-2	\$300,000
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$0
2017	BETH ISRAEL HOSPITAL	MA	F32AI124590	Identification and Characterization of Novel Antimicrobial Adjunctives to Restore Susceptibility to Carbapenem Resistant Enterobacteriaceae	\$57,066
2017	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$542,086
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI121394	Decrypting IgE B Cell Immunobiology	\$628,572
2017	BOSTON COLLEGE	MA	R01AI122923	The Ca ²⁺ -sensing machinery operating on exocytosis in Toxoplasma	\$392,625
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$410,007
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI116604	Role of Tuberculosis Metabolites in M. Tuberculosis Virulence	\$443,750
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123312	Antimicrobial blue light inactivation of pathogenic microbes	\$504,323
2017	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$170,110
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$435,000

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2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI116901	The role of fatty acid binding protein aP2 in the pathogenesis and treatment of asthma	\$403,750
2017	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$324,624
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$476,549
2017	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$435,000
2017	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$184,799
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,540,479
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$501,229
2017	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$418,750
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$423,750
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$419,338
2017	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$1,980,896
2017	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$533,610
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,543,357
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$430,190
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$1,775,175
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111860	T-cell-mediated targeting of therapeutics to HIV reservoirs	\$422,887
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102907	Molecular characterization and substrate identification of malaria kinase PfCDPK5	\$442,500
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI106734	Evolutionary medicine in the development of antimalaria drugs	\$430,049
2017	UNIVERSITY OF MASSACHUSETTS	MA	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$125,726
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI112521	Mechanisms and Immunological Consequences of Host-Virus Interactions	\$1,944,539
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106833	Regulation of anti-viral T cell responses by IRF4	\$418,750
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$581,842
2017	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$879,278
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI110293	Role of p38 MAPK activation in AIDS pathogenesis	\$860,699
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI120633	Contact-Dependent Antagonism in Gut Bacteroidales	\$428,250
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114622	Role of host fatty acid metabolism in Trypanosoma cruzi amastigote growth	\$403,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$435,000

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2017	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI121421	The Role of Innate Immune Cell Trafficking in Th2 Differentiation	\$200,880
2017	BOSTON COLLEGE	MA	R21AI117247	Predicting species-wide virulence for a bacterial pathogen with a large pan-genome	\$234,750
2017	BETH ISRAEL HOSPITAL	MA	R01AI116596	Ultrasensitive C.difficile toxin measurement for diagnosis and outcome prediction	\$832,443
2017	BETH ISRAEL HOSPITAL	MA	UM1AI124377	Consortia for Innovative AIDS Research in Nonhuman Primates	\$11,020,286
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126289	Inhibition of BCL-2 for induction of mixed chimerism without myelosuppressive conditioning	\$210,200
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI117920	Elucidating the role of cis-regulatory elements in mediating V(D)J recombination	\$21,371
2017	HARVARD PILGRIM HEALTH CARE, INC	MA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	\$145,520
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI126465	Siderophore-based antibiotics: consequences for the microbiota and bacterial pathogens	\$175,161
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI126764	Pathogenic and Diagnostic Implications of MicroRNAs in Lyme Disease.	\$632
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI125322	MR1 and MAIT Cell Function in Intestinal Infection	\$621,741
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$503,415
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$3,421,028
2017	Trustees Of Boston University	MA	R21AI127623	Trehalose-6-phosphate phosphatase inhibitors as anti-helminthics	\$264,607
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI117466	B Cells in Tolerance and Chronic Rejection of Monkey Kidney Allografts	\$256,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$418,750
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI128623	Developing a microfluidic platform for single virus genomics and virus discovery	\$267,156
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126880	Regulation of CNS Autoimmunity	\$412,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI130392	Carbohydrate Public Good Interactions in Healthy and Dysbiotic Bacteroidales Communities	\$191,970
2017	BROAD INSTITUTE INC	MA	F32AI129249	Systematic Mapping of the Functional Common Noncoding Variants in the TNFAIP3 Locus	\$57,066
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI127271	Next Generation Missing Data Methods in HIV Research	\$732,521
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K24AI116925	Determining the genetic and diagnostic markers of acute renal allograft rejection	\$187,626
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	\$213,383

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2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132963	Novel humanized mouse model developed from cord blood CD34 positive HSC and autologous iPS cell derived thymus	\$799,559
2017	BETH ISRAEL HOSPITAL	MA	R01AI120828	Antigen-Specific NK Cell Memory Against SIV and HIV Vaccines	\$876,592
2017	TUFTS UNIVERSITY	MA	R01AI130946	The Gonococcal Fur Regulon Link to Pathogenesis	\$523,824
2017	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$1,735,035
2017	UNIVERSITY OF MASSACHUSETTS	MA	F31AI122761	Cross-reactive CD8 T-cell responses in human viral infections	\$28,724
2017	Trustees Of Boston University	MA	R21AI129881	Effects of pre-existing dengue virus immunity on Zika virus infection	\$246,750
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI125152	Plasma Gelsolin as Immunotherapeutic for Antibiotic-Resistant Pneumonia	\$970,844
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124718	Resistance testing versus adherence support for management of patients with virologic failure on first-line antiretroviral therapy in sub-Saharan Africa: An open-label randomized controlled trial	\$588,913
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI129717	The HLA-E peptidome in HIV infection	\$256,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI128358	Regulation of Lupus by Cytosolic DNA Sensors	\$535,551
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI132296	Novel immunotherapeutics against multidrug-resistant Neisseria gonorrhoea	\$1,250,425
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121248	Modulation of Chronic Th2 inflammation by the CCR8 Receptor-Ligand Pathway	\$416,850
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI125972	Regulation of P. aeruginosa fitness by small non-coding RNAs	\$211,875
2017	TUFTS UNIVERSITY	MA	U19AI131126	Center for Enteric Diseases in Engineered Tissues	\$1,656,696
2017	MICROBIOTIX, INC	MA	R43AI129008	Aminospectinomycin antibacterials for the treatment of antibiotic-resistant gonorrhea and other bacterial STDs	\$296,845
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131314	Immune Control and Evadion during Acute HCV Infection	\$276,000
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121386	Targeting Innate Immunity in Staphylococcal Infection	\$442,500
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$442,500
2017	BETH ISRAEL HOSPITAL	MA	R33AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$461,796
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	\$235,238
2017	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$229,958
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$713,581
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$272,090
2017	Trustees Of Boston University	MA	T32AI007309	Research Training in Immunology	\$245,805

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2017	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$391,250
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$715,353
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$482,553
2017	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI123286	Tuberculosis and T cell Recognition	\$698,256
2017	Trustees Of Boston University	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$128,349
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	\$403,750
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$2,454,595
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI111809	Boosting cell-intrinsic innate immune recognition of HIV-1 by dendritic cells	\$586,375
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$5,183,191
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$5,950,279
2017	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$728,235
2017	BETH ISRAEL HOSPITAL	MA	K23AI114381	Diversity of Immune Responses Elicited by HIV Vaccines	\$190,356
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$626,478
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$451,878
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$834,830
2017	BROAD INSTITUTE INC	MA	U24AI118672	An integrated multiplexed genomic assay for low input clinical samples1	\$412,001
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$442,500
2017	BROAD INSTITUTE INC	MA	R01AI117043	RNA based diagnostics for rapid pathogen identification and drug resistance	\$1,239,362
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$198,720
2017	UNIVERSITY OF MASSACHUSETTS	MA	P01AI132130	Systems Genetics of Tuberculosis	\$2,300,000
2017	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$409,250
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124326	Mechanisms of human pre-B cell differentiation	\$203,643
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI124171	Role of the cytosolic DNA sensor cGAS in malaria	\$190,410
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122592	Developing in vitro assays to identify small molecules that inhibit human prions	\$36,765
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$423,073
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI116920	Innate mechanisms for virus-induced diabetes	\$502,500

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2017	TUFTS UNIVERSITY	MA	R01AI116969	Global Transcriptome Analysis of Mucosal Gonoccal Infection	\$670,568
2017	DANA-FARBER CANCER INSTITUTE	MA	R21AI129017	Reducing viral reservoirs by opening HIV-1 Env to antibody attack	\$216,244
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI118502	Sensitive and quantitative point-of-care viral load testing on paper	\$425,150
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$588,464
2017	Trustees Of Boston University	MA	R21AI121933	Role for polyamines in Ebola Virus Replication	\$205,625
2017	EXTEND BIOSCIENCES INC	MA	R43AI131906	Long-acting ghrelin for the treatment of ARS	\$300,000
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI126844	HSPGs in Alpha-toxin-induced Tissue Injury	\$221,250
2017	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$197,640
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI132120	Bacteriology PhD Training Program	\$341,960
2017	WARP DRIVE BIO INC	MA	R43AI127047	Harnessing Genomic Information to Engineer Combinatorial Biosynthesis of a Large Polyketide Natural Products Library	\$209,559
2017	BETH ISRAEL HOSPITAL	MA	P01AI131365	Viral dynamics of rebound and control following early treatment of HIV/SIV	\$1,495,833
2017	HELIXBIND INC	MA	R44AI124726	An Integrated Device for Rapid Bacteremia Diagnosis from Whole Blood	\$983,964
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126253	Regulation of humoral immunity to a virus-like particle vaccine candidate	\$251,250
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121546	Mechanisms of CD49a Expression and Resident Memory T Cell Formation in Skin.	\$416,850
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI127768	MMP13 expression and function in allergic inflammation	\$407,286
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI132981	Inhibitor class dependent consequences of prolyl-tRNA synthetase inhibition in Plasmodium falciparum	\$256,500
2017	BOSTON MEDICAL CENTER	MA	R01AI130199	The Role of Interferon Regulatory Factor 5 in the Pathogenesis of SLE	\$557,386
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R13CA196188	Workshop for Junior Biostatisticians in Health Research	\$10,000
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,750
2017	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	Regulation of the follicular T-cell response to autoimmunity	\$433,265
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI131452	Characterization of 3.47, a NPC1-targeting inhibitor of Ebola GP-mediated entry	\$36,700
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$429,080
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$668,476
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$502,054

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2017	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$328,618
2017	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$528,664
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$391,051
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$475,072
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$745,409
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$708,793
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$9,780,448
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2017	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$8,500,000
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$442,500
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$487,977
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$442,500
2017	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$396,245
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$221,602
2017	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$2,375,202
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$442,500
2017	TUFTS UNIVERSITY	MA	R01AI113166	Initiation and regulation of antibacterial innate immunity	\$467,376
2017	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$591,891
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI126915	Immunological and Microbial Mechanisms in Food Allergy	\$434,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$516,144
2017	MICROBIOTIX, INC	MA	R44AI100332	Optimization of novel pyranopyridine efflux pump inhibitors	\$742,587
2017	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$844,621
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121613	MITOPlas Scalable characterization of the malaria parasite mitochondrial proteome	\$195,000
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI123420	Targeting Epstein-Barr Virus super-enhancers	\$443,750
2017	BRANDEIS UNIVERSITY	MA	R01AI122802	Unraveling the polymodal behavior of sensory transduction receptors	\$455,757
2017	ARIETIS CORPORATION	MA	R44AI122426	Bactericidal antibiotic for Vancomycin Resistant Enterococci	\$1,251,577

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2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI127231	The role of the trimer association domain (TAD) in controlling the conformation of the HIV-1 envelope trimer and protection of the CD4 binding site	\$209,375
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127263	SERINCs and Nef Function	\$414,911
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126455	Revealing the Trypanosome DNA Replication Machinery using iPOND	\$193,144
2017	UNIVERSITY OF MASSACHUSETTS	MA	U24AI126683	Nonhuman Primate Reagent Resource	\$1,769,004
2017	WARP DRIVE BIO INC	MA	R43AI132011	Development of a Novel, Specific, and Sensitive Mass Spectrometry-Based Protein-Ligand Binding Assay to Discover Novel Beta-Lactam Antibiotics	\$225,000
2017	UNIVERSITY OF MASSACHUSETTS	MA	R21AI131695	DNA Virus Infection Induces an Anti-Viral State in Drosophila	\$251,250
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121997	Maternal effects on immune function in the offspring	\$249,755
2017	STC BIOLOGICS, INC.	MA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$181,108
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121700	Synergistic Photodynamic Therapy for Catherer-Associated Urinary Tract Infections	\$228,995
2017	BETH ISRAEL HOSPITAL	MA	R01AI121186	Eosinophil functions in allergic gastrointestinal diseases	\$432,500
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131470	Mixed chimerism induced tolerance in heart recipients requires donor kidney cotransplantation	\$858,721
2017	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U19AI131135	3D Models of Engineered Human iPS Cells to Investigate Neurotropic Virus Infections	\$1,772,881
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI131601	2017 Boston Bacterial Meeting (BBM)	\$5,000
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI131998	A Trial of Same-Day Testing and Treatment to Improve Outcomes among Symptomatic Patients Newly Diagnosed with HIV	\$590,974
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI125766	Employing novel humanized murine strains to develop hematopoietic stem cell gene therapeutic approaches for very early-onset inflammatory bowel disease due to IL10-receptor deficiency.	\$407,902
2017	UNIVERSITY OF MASSACHUSETTS	MA	R33AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$501,194
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI129207	The Role of the Nuclear Envelope in Antiviral Signaling and HSV-1 Restriction	\$36,836
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI133330	Rapid Breath-Based Diagnosis of Histoplasmosis	\$267,738
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI128344	Deep sequencing of pathogens to precisely define transmission networks using rare variants	\$673,574
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI134019	Specialized Pro-Resolving Mediators in the Resolution of Respiratory Viral Infection	\$67,950
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI128743	Shigella and macrophage cell death	\$213,750
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI129721	Novel therapeutics targeting the membrane proximal external region of HIV-1 Env	\$673,798
2017	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI131511	Mechanisms of FcRn-mediated immune regulation	\$67,410
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI125476	Glycomic Characterization of Germinal Center B cells	\$241,450

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120665	Genetic Analysis of Vibrio parahaemolyticus Pathogenicity	\$31,649
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI125876	An essential RNA chaperone in Pseudomonas aeruginosa	\$265,500
2017	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126154	Functional analysis of Plasmodium vivax drug resistance polymorphisms	\$198,125
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI130791	Re-defining RIG-I-like helicases as viral RNA receptors with effector functions	\$265,500
2017	SPERO THERAPEUTICS, INC.	MA	R44AI131749	A Novel Gyrase Inhibitor for the Treatment of Drug-susceptible and Multidrug-resistant Mycobacterium tuberculosis Infections	\$564,718
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$547,283
2017	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI127654	Generation of Robust Resident Memory T cells in Barrier Tissues through Skin Vaccination	\$1,393,521
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$492,500
2017	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI121288	Interferon-induced IFITM recruitment of ZMPSTE24 blocks viral endocytic entry	\$517,905
2017	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$457,710
2017	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116550	Characterization of the myddosome, a protein complex that controls TLR signaling	\$442,500
2017	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$307,324
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$349,819
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$379,781
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110627	EXPLORATION OF PROTECTIVE IMMUNITY INDUCED BY SALMONELLA COPS: FLIC CONJUGATES	\$383,750
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$587,445
2017	J CRAIG VENTER INSTITUTE INC	MD	U19AI110819	The J. Craig Venter Institute Genome Center for Infectious Diseases	\$5,728,020
2017	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$183,783
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI110925	Catalysis In the Membrane: Developing Direct Assays for High-Throughput Screening	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	F32AI118303	Repurposing of ABL kinase inhibitors for treatment of Coronavirus infections	\$59,166
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116799	Longitudinal Study of the Vaginal Microbiome Prior To Incident STI	\$678,723

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2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI119949	Copper as a nutrient for Candida albicans at the host-pathogen interface	\$464,561
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$622,390
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI122248	Role of maternal and infant vaccine-induced IgG in protection against pertussis	\$192,813
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI122922	A novel "shock and kill" strategy for eliminating Mtb persists in the CD4 T-cell-deficient host	\$202,500
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI119012	Lubricant Use and the Vaginal Microbiome	\$755,330
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122029	A novel approach for developing inactivated chikungunya virus vaccine	\$232,283
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123820	Protection Against Gram-Negative Sepsis Conferred by Lipid A-Based Structural Variants	\$386,250
2017	UNIVERSITY OF MARYLAND	MD	R13AI124615	2017 Mid-Atlantic Microbial Pathogenesis Meeting	\$6,000
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI120918	Therapeutic potential of PSG1 administration in GVHD	\$231,012
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127570	Discovery of Novel Therapeutics for Fungal Pathogens	\$244,813
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI122613	Cleavage of Bcl-xL by Caspases contributes to cell death in vivo	\$44,044
2017	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$380,000
2017	SCANOGEN INC	MD	R44AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$998,383
2017	JOHNS HOPKINS UNIVERSITY	MD	K01AI110526	Identifying Transmission Routes for Cholera among Household Contacts of Cases	\$135,932
2017	SANARIA INC	MD	R43AI124867	Manufacture of aseptic, purified, cryopreserved Plasmodium vivax sporozoites (PvSPZ Challenge) for controlled human malaria infection (CHMI)	\$300,000
2017	UNIVERSITY OF MARYLAND	MD	R01AI131905	In vivo mechanisms of brain invasion by Cryptococcus neoformans	\$378,215
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI124923	Immune correlates of HAART-mediated spontaneous control of chronic HCV infection	\$245,282
2017	JOHNS HOPKINS UNIVERSITY	MD	P01AI131306	Modeling HIV Rebound: Role of SIVmac251 Functional Reservoirs and Biomarkers of Reactivation	\$1,628,185
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI129369	Rapid Phenotyping of the ZIKV Genome	\$231,750
2017	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,484,660
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131577	FASEB SRC on Autoimmunity	\$9,000
2017	UNIVERSITY OF MARYLAND	MD	R21AI122205	Nanotopographic modulation of B cell signaling activation	\$187,371

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2017	PROTEIN POTENTIAL LLC	MD	R43AI127050	Multivalent Oral Vaccine against Enterotoxigenic Escherichia coli and Enteric Fevers	\$293,842
2017	FZATA INC	MD	R43AI129044	A Yeast based Immunotherapy against Clostridium difficile Infection	\$225,068
2017	AMERICAN GASTROENTEROLOGICAL ASSOCIATION INSTITUTE INC	MD	R24AI118629	Fecal Microbiome Transplant National Registry	\$614,747
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123371	Macrophage differentiation and disease outcome in influenza infection	\$555,603
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI127142	Macrophage Ontogeny and Polarization in HIV/SIV Infection	\$766,282
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$4,470,233
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$200,937
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$133,179
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$919,779
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$383,750
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$626,943
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI115703	Human DC Subtypes in Regulating T-Helper-2 Responses	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI113910	The use of genetically humanized IL-10 mice to determine the molecular basis of allele-specific gene expression and disease susceptibility	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121805	Towards a new regimen to treat mycobacterial infection in cystic fibrosis patients	\$243,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI121072	Biosynthesis of Beta Lactam Antibiotics	\$503,822
2017	J CRAIG VENTER INSTITUTE INC	MD	R01AI125609	HTS Assay for P. falciparum apicoplast glutamyl-tRNA synthetase	\$487,500
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127286	Feasibility of measuring HIV-related mortality during population-based surveys in Africa	\$143,106
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI125961	Control of type I interferon responses by p53	\$202,500
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI126176	Pathogenesis of bacterial meningitis	\$162,000
2017	CASCADE THERAPEUTICS, INC.	MD	R43AI128888	Evaluation of Natural Products and Derivatives as Antimalarial Agents	\$225,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI130595	Targeted Immunotherapy for Tuberculosis and HIV co-infection	\$244,938

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2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI120733	The Impact of HCV Infection on Bone Turnover, Density, and Strength	\$762,061
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131578	FASEB SRC on Signal Transduction in the Immune System	\$10,000
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI129549	Development of prodrug approaches for long-acting nanoformulations of emtricitabine-based regimens	\$44,044
2017	UNIVERSITY OF MARYLAND	MD	R21AI134079	Role of ScfAB in the Pathophysiology of the Group A Streptococcus	\$228,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI134151	Defining the HLA ligandome of HIV-1 latently infected CD4 + T cells	\$231,750
2017	SANARIA INC	MD	R44AI131806	Immune Deficient Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$998,817
2017	TENGEN BIOMEDICAL COMPANY	MD	R41AI129119	Development of Zika viral pseudoinfectious virus as Zika vaccine candidate	\$300,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI123931	Characterizing the Spatial Temporal Dynamics and Human Health Risks of Vibrio parahaemolyticus Bacteria in Estuarine Environments	\$543,510
2017	JOHNS HOPKINS UNIVERSITY	MD	F32AI112208	Analysis of molecular factors influencing variability of mosquito gut microbiota	\$60,990
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI128781	Developmental Pharmacology of Antiretroviral Metabolism in Mucosal Tissues	\$517,236
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI129769	Unlocking Envelope: A New Strategy for a Functional Cure Through Antibody-Dependent Cell-Mediated Cytotoxicity	\$498,498
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126492	Evaluation of novel substrate specific inhibitors of ERK1/2 in the treatment of asthma	\$194,087
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127311	Inhibition of matrix degrading enzymes to limit cavitation in tuberculosis	\$245,188
2017	UNIVERSITY OF MARYLAND	MD	R01AI132213	Structure-Based Vaccine Design for Hepatits C Virus	\$1,449,630
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI120634	Understanding the Impacts of HLA-DO in vivo	\$405,000
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122666	Infection Site Targeted Antitoxin Antibody (ISTAb) against Bacillus anthracis	\$294,932
2017	UNIVERSITY OF MARYLAND	MD	R33AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$418,600
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI120938	Unlocking the Potential of HIV-Infected Deceased Donors for Organ Transplantation	\$791,824
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$616,042
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	\$519,993
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI128925	Role of prion protein sialylation in prion diseases	\$719,789
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126300	Diabetic Comorbidity and MERS Coronavirus Pathogenesis	\$195,381

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2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$3,042,742
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$201,343
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,696,170
2017	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$999,997
2017	JOHNS HOPKINS UNIVERSITY	MD	K24AI120834	Mentoring in Endocrine and Metabolic Abnormalities in HIV and Aging	\$162,069
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$4,245,488
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$275,535
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	\$195,063
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$438,858
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123320	Role of PrrF and PrrH regulation in Pseudomonas aeruginosa pathogenesis	\$428,875
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI108907	Influenza vaccine failure in adults over age 75: role of chronic CMV infection	\$624,028
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammation Activation	\$442,767
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI117065	Incentives for Suppression of HIV-1 RNA in People Living with HIV	\$740,886
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI114438	Evaluating Demand Generation (Stylish Man) for HIV/Family Planning Services Rakai	\$580,732
2017	JOHNS HOPKINS UNIVERSITY	MD	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$183,169
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI125402	Defining redundant strategies central to Legionella replication vacuole formation	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI123613	Characterization of Plasmodium GAPDH as a candidate for development of a malaria pre-erythrocytic vaccine	\$243,000
2017	J CRAIG VENTER INSTITUTE INC	MD	R21AI122100	Somatic Mutation in the Etiology of Multiple Sclerosis	\$195,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121768	Mannose Receptor, miR-511-3p, and Macrophage Polarization in Asthma	\$206,868
2017	SIGMOVIR BIOSYSTEMS INC	MD	R42AI109926	Development of VLP vaccine for RSV	\$933,962
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI120780	Impact of Heterogeneity in Structural and Network Level Factors on HIV Treatment as Prevention in South Africa	\$44,044
2017	UNIVERSITY OF MARYLAND	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$451,365
2017	JOHNS HOPKINS UNIVERSITY	MD	R03AI128132	Mutations that Confer Mycobacteria Resistance to Carbapenems	\$81,604

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2017	BIOLOGICAL MIMETICS, INC	MD	R44AI120260	Development of an improved, low-cost polio vaccine (Ir-IPV)	\$743,104
2017	UNIVERSITY OF MARYLAND	MD	R21AI131219	Filtering of disseminating Cryptococcus neoformans out of vasculature	\$190,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI127644	Dysregulated sensing of invertebrate tropomyosin through dectin-1 confers susceptibility to type-2-mediated allergic diseases	\$408,646
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$221,736
2017	JOHNS HOPKINS UNIVERSITY	MD	UG3AI133669	American Cohort to Study HIV Acquisition among Transgender Women in High Risk Areas	\$1,783,277
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI134495	A Novel Vaccine Platform for Preventing Zika Virus Infection	\$286,125
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI132204	Rationally Designed Pan-Ebolavirus Vaccine	\$1,691,927
2017	UNIVERSITY OF MARYLAND	MD	R21AI133670	Molecular mechanisms of the stringent response in Mycobacterium tuberculosis	\$223,938
2017	UNIVERSITY OF MARYLAND	MD	R01AI125561	Role of host protein GBF1 in organizing enterovirus replication complexes	\$373,750
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI125534	Determinants of apicoplast maintenance in malaria parasites	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI113266	Closing the Gaps on Buruli Ulcer Diagnosis, Treatment, and Prevention	\$895,058
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$1,860,643
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116274	Structural Targeting of Potentially Protective gp120 Epitopes in the C1/C2 Region	\$385,521
2017	UNIVERSITY OF MARYLAND	MD	R01AI110740	Catheter associated urinary tract infection by Pseudomonas aeruginosa	\$432,835
2017	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$442,864
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$695,997
2017	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$697,747
2017	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$24,865,759
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$1,987,063
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulinitis in Autoimmune Diabetes	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI114458	Assessing Social Justice in Economic Evaluation to Scale up Novel MDR-TB Regimens	\$407,142
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$562,393

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2017	PROFECTUS BIOSCIENCES INC	MD	R44AI110315	Optimization of a Therapeutic HIVSIV Multi-Antigen DNA Vaccine	\$838,478
2017	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$383,409
2017	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$388,802
2017	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$378,850
2017	JOHNS HOPKINS UNIVERSITY	MD	R33AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	\$478,053
2017	JOHNS HOPKINS UNIVERSITY	MD	K23AI125715	Dysbiosis, Recurrent Bacterial Vaginosis and the Vaginal Microbiome	\$197,017
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126108	Characterizing gene family expansion in an atypical bacterial secretion system	\$193,073
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI116023	Dynamics in the Vaginal Ecosystem and Development of Vulvovaginal Candidiasis	\$40,644
2017	UNIVERSITY OF MARYLAND	MD	T32AI125186	Graduate Training in Virology	\$274,493
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI121146	Epidemiology of CRE and MRSA transmission: patient and organism factors	\$580,352
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI130608	Real-Time Whole Genome Sequencing Analysis of Carbapenemase-Producing Organisms in the Non-Outbreak Hospital Setting	\$285,761
2017	UNIVERSITY OF MARYLAND	MD	R21AI126077	Characterization of the ESX-5 secretome and its impact on virulence mechanisms of Mycobacterium tuberculosis	\$227,154
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114496	Lymph Node Structure and Function in Tolerance: Role of Laminins	\$383,750
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI123422	Epidemiology and Ecology of Cholera in Africa	\$761,732
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI127469	Molecular and structural characterization of broadly neutralizing anti-HCV antibodies	\$744,817
2017	PROFECTUS BIOSCIENCES INC	MD	R43AI134225	Therapeutic Vaccine for Walnut and Pecan Allergies	\$241,464
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI134591	HOPE in Action: A clinical trial of HIV-to-HIV deceased donor kidney transplantation	\$1,578,717
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI133530	How do lysosomal disorders drive susceptibility to M.tb?	\$204,323
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131593	FASEB SRC on Molecular Mechanisms of Immune Cell Development and Function	\$8,000
2017	JOHNS HOPKINS UNIVERSITY	MD	UM2AI130836	NEW HORIZONS IN THE PREVENTION AND TREATMENT OF FOOD ALLERGY	\$4,455,000
2017	AERAS GLOBAL TB FOUNDATION	MD	U01AI131861	MTBVAC Phase 1b/2a Randomized, Double-blind, Active-controlled, Safety, Immunogenicity, and Dose-escalation Study in Adults with and without Latent Tuberculosis Infection in South Africa	\$210,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI130170	C. albicans and S. aureus Catheter Infections: Clinical Implications and Therapy	\$387,330

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2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI134091	Long acting NRTI therapies for HIV	\$655,789
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$469,830
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,162,073
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$521,301
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI069314	Plasmodium falciparum gametocytogenesis	\$358,679
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$383,750
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$2,692,235
2017	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$752,418
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$405,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI109776	Immunoprophylactic Strategies to Control Emerging Enteric Infections	\$5,312,643
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$748,871
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI112367	Safety and efficacy of PfSPZ malaria vaccine in malaria-exposed adults	\$870,936
2017	JOHNS HOPKINS UNIVERSITY	MD	U24AI118633	Development of Highly Multiplex Antigen Specificity Assays	\$391,426
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI108695	Natural infection of norovirus and sapovirus in a birth cohort in a Peruvian periurban community	\$1,075,705
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI120024	A mouse viral outgrowth assay for the detection of residual HIV-1 reservoirs	\$405,000
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	\$389,992
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI118244	Understanding cellular interactions and the immunobiology of the malaria liver stage	\$44,044
2017	JOHNS HOPKINS UNIVERSITY	MD	F32AI124506	Calprotectin and metal withholding during Candida albicans invasion of the kidney	\$58,946
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124020	Molecular analyses of toxin nanopore structural dynamics	\$192,758
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI124777	Fate of Invisible U/A Base Pairs Within HIV DNA in Myeloid Phagocytic Cells	\$402,724
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI131574	Plasmodium agonists for transmission-blocking	\$204,114
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI125720	Protein microarray antibody responses to P. falciparum in a human challenge model	\$183,004
2017	JOHNS HOPKINS UNIVERSITY	MD	K24AI118591	Patient-Oriented Research and Mentorship in HIV and Non-Communicable Diseases	\$152,953

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	JOHNS HOPKINS UNIVERSITY	MD	K22AI123465	Community behavior of Yersinia pseudotuberculosis within microcolonies	\$162,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R13AI131621	Travel Program for Students In Low-Income Countries to Attend CUGH 2017	\$7,500
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI133533	Nanoparticle Delivery of DNA Vaccine Against Zika Virus	\$204,271
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI131706	Construction of a ZIKV-host protein-protein interaction network	\$245,282
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132257	Good Manufacturing Practices Master Cell and Working Cell Banks and GMP Pilot Lot of Prototype Shigella flexneri 2a live vector expressing enterotoxigenic E. coli antigens, CVD 1208S 122	\$963,769
2017	KAMTEK, INC	MD	R43AI122531	In Vivo Efficacy Studies of Clofazimine against CDAD in Hamster Model	\$50,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,418,080
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$310,014
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$103,200
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$176,113
2017	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$161,878
2017	JOHNS HOPKINS UNIVERSITY	MD	U01AI125290	Early Peanut Introduction: Translation to Clinical Practice	\$761,367
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$1,645,549
2017	UNIVERSITY OF MARYLAND	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$48,207
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$422,954
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	\$430,013
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$387,575
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$196,294
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$688,050
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI116269	Immune correlates of acute HBV recovery with and without HIV	\$649,053
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI116787	Comparative Effectiveness/Implementation of TB Case Finding in Rural South Africa	\$600,728

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2017	JOHNS HOPKINS UNIVERSITY	MD	R24AI118397	Long-Acting/Extended Release Antiretroviral Resource Program (LEAP)	\$635,255
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI117032	A Droplet-based single cell platform for pathogen identification and AST	\$1,168,562
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120008	Quantification of the HIV-1 Reservoir by Immuno-PCR	\$410,416
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI117095	Host-targeted therapeutics for pertussis in infants	\$192,813
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI124794	Disparities in the HIV Care Continuum among Hispanics in the United States	\$49,044
2017	J CRAIG VENTER INSTITUTE INC	MD	R00AI112691	Regulatory Circuits that Link Cell Fate and Virulence in Histoplasma Capsulatum	\$243,906
2017	MEDIGEN INC	MD	R44AI094863	Novel DNA-Launched Attenuated Vaccine for VEE Virus SBIR Phase II	\$812,615
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126184	JEDI negatively regulates TCR-signaling in chronically-stimulated T cells	\$193,073
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121766	Epithelial Cell-dependent Activation of Human Basophils	\$202,500
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI126896	Human in vivo Th17 cell responses in cutaneous immunity to Staphylococcus aureus	\$202,500
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI125810	An enabling technology to dissect critical molecular events in bacterial pathogenesis	\$244,875
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125579	Identification and validation of molecular markers of piperazine resistance	\$302,568
2017	BIOLOGICAL ANTI-INFECTIVE MEDICINES LLC	MD	R42AI106375	Humanized Monoclonal Antibody to Treat Acinetobacter Infections	\$1,070,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI117734	Vaccines and maternally acquired immunity to prevent shigellosis in children	\$397,198
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI128353	Cellular Factors that regulate avian leukosis virus DNA integration	\$197,797
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI124912	Durable Antibody Mediated Protection Against HIV	\$4,394,406
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI132359	The Skin Phase of Malaria Infection	\$428,277
2017	SANARIA INC	MD	R44AI085740	In-Vitro Culture of Plasmodium falciparum Sporozoites for Malaria Vaccine	\$999,997
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI128779	Penile Microbiome, Inflammation and HIV Susceptibility During Sexual Debut and Maturation Among Male Adolescents	\$572,253
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$661,405
2017	FZATA INC	MD	R01AI132207	A Novel Humanized Tetra-specific Antibody against Clostridium difficile Infection	\$1,388,211
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI126853	Rickettsia-host interface and multiple paths to invasion	\$560,613

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2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125215	Targeting TLR Signaling Pathways to Blunt Pathogen-mediated Acute Lung Injury	\$547,143
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI130838	Clinical Research Unit: Johns Hopkins University	\$235,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$405,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$405,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$383,750
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$144,926
2017	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$970,426
2017	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$380,000
2017	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,668,892
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$1,903,127
2017	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$910,923
2017	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$4,573,711
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$609,355
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$758,111
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$382,023
2017	JOHNS HOPKINS UNIVERSITY	MD	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$157,476
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI122223	Transmission of Antibiotic-resistant Gram-negative Bacteria in Nursing Homes	\$77,166
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$197,017
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI121517	Helicobacter pylori CagA toxin polymorphism	\$190,503
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125841	Serological assays to predict Shigella vaccine efficacy	\$570,415
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122068	Antibody-based prophylactic EBV vaccine	\$192,510
2017	PROFECTUS BIOSCIENCES INC	MD	R44AI089290	Novel Mucosal Adjuvant for an HIV DNA Vaccine	\$793,348

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2017	UNIVERSITY OF MARYLAND	MD	R21AI123929	Improved Analysis of Metagenomes through the application of Read-Sized Profile HMMs to Marker Gene Subsequences	\$185,215
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI127149	Measuring TB Drugs in Hair as a Tool to Monitor Adherence, Exposure and Response in Patients with HIV	\$228,555
2017	UNIVERSITY OF MARYLAND	MD	R03AI131072	Genetic Engineering of the rotavirus genome through a fully recombinant reverse gene	\$76,000
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI129218	Serotype independent therapeutic vaccine for Streptococcus pneumoniae	\$247,510
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110719	Role of sub-activation-threshold TCR interactions in maintaining T cell memory	\$576,638
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI126587	Evolution of anti-filovirus B cell responses and mechanisms of protection	\$754,197
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$364,500
2017	UNIVERSITY OF MARYLAND	MD	R01AI123340	Role of bacterial aggregation and biofilms in gonococcal pathogenesis	\$508,144
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI125552	T cell receptor-activated autophagy as a regulator of T cell effector responses	\$604,437
2017	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI131900	Highly specific HIV-1 mRNA detection method with global subtype coverage to monitor latency reversal in patients	\$288,740
2017	SANARIA INC	MD	R44AI134500	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$997,637
2017	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI131826	Development of a next-generation quantitative viral outgrowth assay (QVOA) for the standardized measurement of the HIV-1 latent reservoir	\$297,200
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119733	Ultra-dense peptide array analysis of naturally acquired and vaccine-induced P. falciparum immunity	\$115,875
2017	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI131616	FASEB SRC on Molecular Pathogenesis: Mechanisms of Infectious Disease	\$5,000
2017	INTEGRATED BIOTHERAPEUTICS INC	MD	R42AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	\$861,259
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI116324	Implementation strategies for a new point-of-care test for early infant diagnosis	\$604,361
2017	SANARIA INC	MD	SB1AI055229	PfSPZ Vaccines: Quality Systems, Manufacturing, Regulatory, and Clinical Quality and Data Management Support for Product Commercialization	\$978,475
2017	JOHNS HOPKINS UNIVERSITY	MD	R34AI132003	A Pharmacokinetic and dose escalation study of low dose emetine in healthy volunteers	\$245,188
2017	UNIVERSITY OF MARYLAND	MD	R01AI129893	Structure and Activation of a Multiprotein Signaling Complex	\$711,031

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2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI132766	Molecular mechanisms of IL-33 cytokine signaling	\$515,964
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI125388	Outer membrane remodeling of attenuated Salmonella to create a mucosal vaccine against Acinetobacter baumannii	\$334,523
2017	JOHNS HOPKINS UNIVERSITY	MD	K08AI127908	Translational modeling of individual- and population-level outcomes of novel tuberculosis drug regimens	\$194,681
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI052733	Biology of Fungal Melanin	\$533,349
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$209,572
2017	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$465,325
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,249,220
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$391,572
2017	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$1,000,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$405,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$354,997
2017	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$3,662,509
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$521,199
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC	\$1,462,783
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI114405	Towards complete sustained release nanoformulations of NRTI based regimens	\$557,845
2017	JOHNS HOPKINS UNIVERSITY	MD	K23AI127935	The Use of MALDI TOF for the Rapid Detection of Carbapenemases from Clinical Isolates	\$183,430
2017	JOHNS HOPKINS UNIVERSITY	MD	F31AI124645	Impact of Targeted IRS and Population Movement on Malaria in Northern Zambia	\$44,044
2017	JOHNS HOPKINS UNIVERSITY	MD	K01AI125086	Revealing women's hidden role as critical components of HIV transmission networks in Rakai, Uganda: an interdisciplinary approach	\$127,868
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI121988	Role of CHOP During Sepsis	\$202,500
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124776	PrimeFlow RNA for detection of latently-infected CD4+ T cells	\$220,015
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI116658	Role of IgE Bearing Cells in Chronic Idiopathic Urticaria	\$627,556
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI114996	Mentoring and patient-oriented research in malaria	\$169,663

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2017	UNIVERSITY OF MARYLAND	MD	R03AI128232	A Novel Tick Protein Influences Persistence of Lyme Disease Pathogens	\$76,000
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI122382	Targeting Latently Infected Primary Cells using Integrated Glycoproteomics	\$243,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI129386	Myanmar Regional Center of Excellence for Malaria Research	\$1,395,966
2017	CODEX BIOSOLUTIONS INC	MD	R43AI131785	Novel Strategies to Improve Production of a Full-Length Native HIV-1 Env Spike	\$223,073
2017	JOHNS HOPKINS UNIVERSITY	MD	R21AI133514	Single-molecule studies of Sec-dependent protein translocation	\$197,749
2017	SANARIA INC	MD	SB1AI077262	Marketing Strategic Plan and Distribution Logistics for Sanaria PfSPZ Vaccine against Malaria.	\$996,292
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110259	HIV-1 acidic epitope discovery from broadly neutralizing seroantibodies	\$383,750
2017	JOHNS HOPKINS UNIVERSITY	MD	UH3AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$1,404,490
2017	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$698,574
2017	SANARIA INC	MD	R44AI125009	A glycolipid adjuvant to promote dose sparing, accelerate immunization schedules and extend durability of high-level protection with a live attenuated sporozoite malaria vaccine	\$1,000,000
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI121990	Impact of malaria during pregnancy on infant health	\$202,416
2017	JOHNS HOPKINS UNIVERSITY	MD	R01AI129411	Accuracy of the Xpert Ultra for Diagnosis of Pulmonary Tuberculosis	\$1,424,115
2017	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI125181	Pathogenesis of E. coli and Shigella infections in human enteroid models	\$1,581,962
2017	JACKSON LABORATORY (THE)	ME	R01AI121920	Decoding Immunological perturbations during Chronic Fatigue Syndrome	\$642,090
2017	JACKSON LABORATORY (THE)	ME	K22AI119231	Community organizing: Harnessing the interactions of the microbiome as a basis for novel therapeutic strategies	\$108,000
2017	JACKSON LABORATORY (THE)	ME	U01AI124297	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	\$640,154
2017	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$383,750
2017	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$344,333
2017	TSRL, INC	MI	R44AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$999,700
2017	WAYNE STATE UNIVERSITY	MI	R21AI122256	Mechanism of Humoral Immune Defects in Autoimmune Polyglandular Syndrome Type 1	\$192,500
2017	Regents of the University of Michigan	MI	R01AI123093	Predicting protective T-cell responses in Tuberculosis using a systems biology approach	\$735,488

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2017	Regents of the University of Michigan	MI	R01AI118886	Fidelity, robustness, and diversity in RNA virus evolution and pathogenesis	\$420,259
2017	Regents of the University of Michigan	MI	R01AI123957	Calreticulin-mediated protein folding in health and disease	\$387,500
2017	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$374,167
2017	LAKE SUPERIOR STATE UNIVERSITY	MI	R03AI126233	Synthesis and Antimicrobial Evaluation of Diverse 3,4-Dihydroquinazolines	\$70,133
2017	Western Michigan University School of Medicine	MI	R01AI029690	Aberrant Signaling in B1 Cells	\$476,405
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI117018	Non-competitive proteasome inhibitors to treat chronic, drug-resistant tuberculosis	\$219,058
2017	Regents of the University of Michigan	MI	R01AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$446,749
2017	Regents of the University of Michigan	MI	R21AI128120	Defining a nutrient niche competed for by gut commensal bacteria and pathogens	\$188,800
2017	Regents of the University of Michigan	MI	R01AI132372	Zika and Dengue Co-circulation Under Environmental Change and Urbanization	\$713,624
2017	MICHIGAN STATE UNIVERSITY	MI	R01AI121178	Improved Method for Identifying Causative Antigen in Hypersensitivity Pneumonitis	\$773,498
2017	Regents of the University of Michigan	MI	F31AI129697	Characterization of retroviral restriction factor APOBEC3H	\$35,444
2017	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$330,605
2017	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	\$389,423
2017	Regents of the University of Michigan	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$1,046,856
2017	Regents of the University of Michigan	MI	R01AI120997	Dynamics of Influenza Transmission in Nicaraguan Households	\$706,596
2017	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$387,500
2017	Western Michigan University School of Medicine	MI	R21AI126336	IgM vs IgG natural antibodies that bind pathogenic apolipoprotein B100	\$226,500
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI122863	Mechanism of HIV-1 Env Degradation by the ERAD pathway	\$193,750
2017	Regents of the University of Michigan	MI	R21AI122244	Myeloablative conditioning and late complications in ARTEMIS-deficient SCID	\$232,500
2017	Regents of the University of Michigan	MI	R56AI129428	The Immune Response to Pathogens is Controlled by the Cytokine-Induced Epigenetics Signature	\$622,292
2017	Regents of the University of Michigan	MI	R21AI122098	In vivo photoacoustic biopsy for intestinal strictures in Crohn's disease	\$193,750
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI126359	Footprint analyses of AID cytosine deamination	\$188,374
2017	MICHIGAN STATE UNIVERSITY	MI	U01AI126610	Treating Brain Swelling in Pediatric Cerebral Malaria	\$1,428,188
2017	TSRL, INC	MI	R44AI134190	Development of methionyl-tRNA synthetase inhibitors for Gram positive bacterial infections	\$985,774
2017	Regents of the University of Michigan	MI	R56AI130130	Molecular Functions of NS1 Virulence Protein from Dengue and Zika Viruses	\$673,901

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2017	Regents of the University of Michigan	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$561,164
2017	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$684,302
2017	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$378,425
2017	Regents of the University of Michigan	MI	K08AI119182	Population Dynamics of Rotavirus: A Combined Theoretical, Bioinformatic and Laboratory Based Approach	\$194,756
2017	Regents of the University of Michigan	MI	R01AI106806	Dynamic regulation of B cell recruitment in T-dependent humoral immune response	\$414,906
2017	WAYNE STATE UNIVERSITY	MI	R01AI118992	Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1	\$377,200
2017	MICHIGAN STATE UNIVERSITY	MI	R01AI120189	To eradicate the HIV macrophage reservoir	\$192,380
2017	HENRY FORD HEALTH SYSTEM	MI	R01AI110450	EPIDEMIOLOGY OF ALLERGIC DISEASE ENDOTYPES	\$456,134
2017	Western Michigan University School of Medicine	MI	R03AI123875	B1a Cell Function in Sickle Cell Disease	\$75,500
2017	Regents of the University of Michigan	MI	R33AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$465,000
2017	Regents of the University of Michigan	MI	R01AI121156	Innate T cell metabolism and immune diseases	\$387,500
2017	Regents of the University of Michigan	MI	R01AI129958	Sputum Microbial Markers of Type 2-Low Asthma	\$732,382
2017	WAYNE STATE UNIVERSITY	MI	R01AI127390	Mechanisms for Vibrio cholerae colonization and pathogenesis in zebrafish	\$399,375
2017	MICHIGAN STATE UNIVERSITY	MI	R01AI113257	Rapid in-field malaria diagnosis, prognosis and monitoring using a mobile phone	\$436,650
2017	TSRL, INC	MI	R41AI132102	Cell-penetrating antimicrobial therapeutics for treatment of complicated skin and soft tissue infections	\$299,655
2017	Regents of the University of Michigan	MI	R21AI126054	Peptide Repertoires of HLA class I molecules	\$193,750
2017	Western Michigan University School of Medicine	MI	R21AI128464	Reprogramming BCR Signaling	\$188,750
2017	Regents of the University of Michigan	MI	R01AI117229	miR-29b and autophagy regulate alveolar macrophage function post-BMT	\$426,373
2017	MICHIGAN STATE UNIVERSITY	MI	R01AI116605	Mechanisms of Mycobacterium Tuberculosis pH-driven Adaptation	\$380,779
2017	Regents of the University of Michigan	MI	F31AI126651	Characterization of the Mechanism of Glycine induced Germination of Clostridium difficile Spores	\$35,178
2017	WAYNE STATE UNIVERSITY	MI	R01AI121400	A Pharmacologic Approach to Prevent Daptomycin Resistance in VRE	\$385,000
2017	Regents of the University of Michigan	MI	R01AI091627	Notch Signaling in Alloimmunity	\$455,806
2017	Regents of the University of Michigan	MI	R01AI116791	Vaccine to prevent E. coli urinary tract infection	\$387,933
2017	Regents of the University of Michigan	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$381,389
2017	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	\$77,500
2017	Regents of the University of Michigan	MI	K08AI128006	Antimicrobial mechanisms of action zinc oxide nanoparticles	\$194,400

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	Regents of the University of Michigan	MI	R37AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$387,500
2017	Regents of the University of Michigan	MI	R33AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$458,787
2017	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$399,610
2017	Regents of the University of Michigan	MI	R01AI130025	Role of the gender biased transcription factor VGLL3 in promoting autoimmune responses in SLE	\$416,214
2017	Regents of the University of Michigan	MI	R56AI130004	Molecular Mechanisms of the Innate Immune Response in HIV-Infected Macrophages	\$381,135
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI121748	Defining the role of the early infant microbiome in mediating allergic outcomes associated with asthma in a mouse model	\$232,500
2017	Regents of the University of Michigan	MI	U19AI116482	Engineered human intestinal organoids: a modular system to model enteric disease	\$1,335,196
2017	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$319,364
2017	WAYNE STATE UNIVERSITY	MI	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$647,179
2017	Regents of the University of Michigan	MI	R01AI120607	ENDOLYSOSOMAL FUNCTION IN CHRONIC TOXOPLASMA INFECTION	\$357,420
2017	Regents of the University of Michigan	MI	U01AI124255	Systems biology of Clostridium difficile infection	\$2,064,979
2017	MICHIGAN STATE UNIVERSITY	MI	R21AI122808	Novel Immunomodulating Therapeutics for HIV-1 Treatment	\$187,029
2017	VAN ANDEL RESEARCH INSTITUTE	MI	R21AI129872	On-chip Glycan Analysis of Clinical Specimens	\$304,618
2017	Regents of the University of Michigan	MI	K23AI123595	Targeting antigen cross-presentation to enhance anti-leukemic responses after allogeneic transplantation	\$196,560
2017	Regents of the University of Michigan	MI	F31AI131957	Mechanisms of HIV-1 persistence and strategies to elicit Cytotoxic T Lymphocyte-mediated clearance of infected cells	\$35,056
2017	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,195,625
2017	TSRL, INC	MI	R43AI129122	Microneedle Delivery of Zanamivir for Treatment of Influenza Infections	\$300,000
2017	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	\$431,392
2017	Regents of the University of Michigan	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$381,175
2017	Regents of the University of Michigan	MI	U19AI110502	Epigenomics of Systemic Autoimmunity	\$415,357
2017	Regents of the University of Michigan	MI	R21AI121721	Development of Adaptive Immunity to Influenza A: A Longitudinal Study of Anti-Hemagglutinin Antibodies, Their Cross-Reactivity and Protection in Children	\$155,000
2017	Regents of the University of Michigan	MI	R21AI127492	Rational design of CNS-permeable cathepsin L inhibitors for treatment of chronic toxoplasmosis	\$193,750

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2017	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$641,007
2017	Regents of the University of Michigan	MI	R01AI125307	Integrated modeling of Klebsiella pneumoniae infections based on bacterial genotype, patient factors and colonization status	\$560,442
2017	Bluewillow Biologics, Inc.	MI	R44AI126964	Development of a nanoemulsion-adjuvanted prophylactic HSV-2 vaccine	\$798,081
2017	MICHIGAN STATE UNIVERSITY	MI	R56AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$317,822
2017	NOTA LABORATORIES LLC	MI	R44AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions for Treatment/Prevention of Rhinosinusitis (Phase II)	\$858,200
2017	WAYNE STATE UNIVERSITY	MI	K22AI120988	ROLE OF NEK7 PROTEIN IN NLRP3 INFLAMMASOME ACTIVATION AND INFLAMMATION	\$160,400
2017	MICHIGAN STATE UNIVERSITY	MI	R03AI130554	Developing novel technologies to address fundamental questions about second messenger signaling	\$72,159
2017	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	\$388,750
2017	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$146,011
2017	Regents of the University of Michigan	MI	R21AI117371	Characterizing the Respiratory Microbiome Via a Novel, Non-Invasive Technique	\$193,750
2017	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$377,893
2017	Regents of the University of Michigan	MI	UH2AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$63,278
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$324,942
2017	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$380,000
2017	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$397,500
2017	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$397,500
2017	UNIVERSITY OF MINNESOTA	MN	R21AI119395	MicroRNA regulation of CD38 and chemokine genes in human airway smooth muscle	\$190,833
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI121587	Gene enhancer mapping technology in Anopheles	\$191,758
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI122352	Control of cryptococcal infection through manipulation of the host immune response.	\$190,625
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI127961	Ehrlichia genes required for tick colonization and virulence	\$228,750
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$362,712
2017	MINNETRONIX INC	MN	R42AI120304	Validation of Novel Therapeutic Approach for Cryptococcal Meningitis	\$1,000,000

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2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$458,500
2017	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$511,643
2017	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R37AI039560	TCR signal strength in thymic selection	\$422,224
2017	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$473,874
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T Cells	\$380,000
2017	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$397,500
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U24AI118635	Multiplex immune analysis of antigen specific CD4+ T cells in autoimmune diabetes	\$399,999
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$646,880
2017	MAYO CLINIC	MN	R01AI120698	Evaluating the role of the novel apoptosis inhibitor TRAILshort, in maintaining HIV persistence.	\$505,728
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI132962	Mechanisms and consequences of epithelial cell survival from influenza virus infection.	\$382,292
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI123146	The impact of pyrazinamide on metabolism in Mycobacterium tuberculosis.	\$381,458
2017	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$236,838
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$380,000
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$214,558
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$1,161,752
2017	HEALTHPARTNERS INSTITUTE	MN	R21AI122141	Safety of Live versus Inactivated Influenza Vaccine in Asthmatic Children	\$192,500
2017	UNIVERSITY OF MINNESOTA	MN	R21AI121602	Antibiotics targeting siderophore receptors	\$190,335
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI125127	Reservoir Dynamics in Patients Treated in Very Early Acute HIV Infection	\$641,030
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125821	(Re)generating new drug leads for schistosomiasis	\$190,137
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F30AI131483	Contribution of antigen presenting cells to thymic negative selection	\$37,759
2017	UNIVERSITY OF MINNESOTA	MN	R03AI130978	Generating LynA ^{-/-} and LynB ^{-/-} mice by CRISPR/Cas9 genome editing	\$76,250
2017	MAYO CLINIC	MN	R01AI112844	IRF4 and immunity to influenza infection	\$403,106
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K25AI118476	Mathematical modeling and analysis of HIV care trajectories and retention in care challenges	\$129,978
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T35AI118620	Medical Student Summer Research Program in Infection and Immunity	\$35,000

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2017	UNIVERSITY OF MINNESOTA	MN	UM1AI120197	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT): START	\$3,898,979
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI122742	Functional genomics analysis of colonization and persistence of Enterococcus faecalis in the gastrointestinal tract.	\$494,652
2017	MAYO CLINIC	MN	R01AI121054	Understanding measles vaccine failure (and success) in Southern India	\$807,900
2017	MAYO CLINIC	MN	R21AI127998	IL-10/IL10R in the Regulation of Self-Reactive CTL by CD8+ T-cells	\$238,500
2017	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$690,241
2017	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$433,238
2017	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,689,418
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$371,347
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI123600	Integrin regulation of memory CD8 T cells	\$228,875
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI118511	Phased Implementation of a Public Health Programme: Cryptococcal Screening and Treatment in South Africa	\$578,190
2017	MAYO CLINIC	MN	R21AI128037	Measles virus C protein: polymerase interactions and innate immunity evasion	\$238,500
2017	MAYO CLINIC	MN	K08AI122838	Engineering an HIV-resistant immune system for HIV cure	\$196,128
2017	UNIVERSITY OF MINNESOTA	MN	R01AI131586	Mechanism of Lassa fever virus Z protein in immune suppression and viral virulence	\$782,328
2017	MAYO CLINIC	MN	R56AI122746	Regulation of T cell development by HDAC3	\$602,939
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038903	T cell homeostasis	\$376,173
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$639,006
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$217,310
2017	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	\$990,702
2017	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$475,237
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125729	High affinity IgG Fc receptor FcγRIIA variants as novel genetic markers for sarcoidosis	\$229,375
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128133	Bordetella pertussis growth stimulation by human serum involving a novel iron uptake mechanism.	\$228,625
2017	UNIVERSITY OF MINNESOTA	MN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$381,042
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI133716	The influence of Bcl-6 corepressor (BCOR) on Th17 cell development	\$29,902

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2017	MAYO CLINIC	MN	R01AI120949	Mechanisms Regulating Human NK Cell Cytotoxicity	\$397,500
2017	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$397,500
2017	MAYO CLINIC	MN	R21AI125747	Measles virus airway epithelium entry, and rapid cell-to-cell spread	\$194,688
2017	MAYO CLINIC	MN	R01AI128729	Mechanisms of IL-33 secretion in allergic diseases	\$522,735
2017	MAYO CLINIC	MN	R21AI125719	Maintenance and targeting of bone marrow derived allo-reactive human plasma cells	\$198,750
2017	UNIVERSITY OF MINNESOTA	MN	F32AI126722	The role of the human gut microbiota in modulating virulence of Enterohemorrhagic E. coli	\$57,066
2017	HUMANETICS CORPORATION	MN	R43AI127113	Development of BIO 300 as a MCM for lethal radiation pneumonitis/fibrosis	\$298,020
2017	MAYO CLINIC	MN	R01AI127365	Genetic Markers of Long-Term Mumps Vaccine Immunity	\$726,665
2017	UNIVERSITY OF MINNESOTA	MN	R21AI130642	A pharmacological screen for 'inactivating antagonists' at an essential parasite G protein coupled receptor	\$190,625
2017	UNIVERSITY OF MINNESOTA	MN	R37AI034495	In Vivo Prevention of Murine GVHD	\$498,416
2017	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$382,656
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$453,437
2017	MAYO CLINIC	MN	R21AI125870	Disappearance of rifampin resistance in MRSA foreign body osteomyelitis	\$238,500
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI116678	Generation and function of "long-lived effector" memory CD8 T cells	\$378,157
2017	UNIVERSITY OF MINNESOTA	MN	R01AI134406	A New Approach to Reactivating HIV from Latency	\$527,939
2017	MAYO CLINIC	MN	R21AI130298	Mucosal Single-Cycle Vaccines against Zika Virus	\$198,750
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI120312	Protection from cerebral malaria in mice by cytokine-stimulated NK cells	\$59,166
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI128087	Optimizing Gene Editing in Primary Human B Cells for Therapy and Research	\$228,750
2017	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI124512	Development of Immune tolerance	\$381,933
2017	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$137,620
2017	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$877,406
2017	WASHINGTON UNIVERSITY	MO	R21AI127172	MODIFYING THE LUNG TO INDUCE STERILE VACCINE-INDUCED PROTECTION AGAINST MTB INFECTION	\$228,750
2017	WASHINGTON UNIVERSITY	MO	R01AI128845	LIVER TISSUE-RESIDENT NATURAL KILLER CELLS	\$199,999
2017	SAINT LOUIS UNIVERSITY	MO	R01AI122669	Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	\$440,118

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2017	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$412,445
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$579,079
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$386,456
2017	WASHINGTON UNIVERSITY	MO	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$417,650
2017	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	\$1,269,010
2017	WASHINGTON UNIVERSITY	MO	R01AI108749	EBPA-FIBROGEN INTERACTION IN ENTEROCOCCUS FAECALIS CAUTI	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R01AI114551	AUTOIMMUNE DIABETES: EARLY EVENTS IN ISLETS OF LANGERHANS	\$455,659
2017	SAINT LOUIS UNIVERSITY	MO	R21AI127196	Assembly of HIV intasomes	\$227,250
2017	WASHINGTON UNIVERSITY	MO	R01AI129545	Natural Killer Cell Tolerance to Self	\$528,312
2017	WASHINGTON UNIVERSITY	MO	R01AI130591	PARP9-DTX3L Control Of Viral Infection and Airway Disease	\$608,777
2017	WASHINGTON UNIVERSITY	MO	R56AI127835	DEVELOPMENT, VALIDATION, AND OPTIMIZATION OF HTS SCREENS TARGETING NIPAH AND HENDRA VIRUS RNA SYNTHESIS	\$533,763
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI127404	T cell suppression caused by persistent virus infection	\$189,900
2017	WASHINGTON UNIVERSITY	MO	R01AI127513	IFN Dependent Control of Acute and Chronic Chikungunya Virus Induced Disease	\$497,739
2017	WASHINGTON UNIVERSITY	MO	K08AI127714	VIRULENCE REGULATION AND PROTECTIVE IMMUNITY IN KLEBSIELLA PNEUMONIA	\$175,738
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121492	Structures of Membrane bound and Inserted Tetanus Toxin	\$241,687
2017	WASHINGTON UNIVERSITY	MO	K08AI128043	Role of virus-receptor interactions in determining norovirus tropism and pathogenesis in vivo	\$188,404
2017	WASHINGTON UNIVERSITY	MO	R01AI130454	Mechanisms of Innate Immune Evasion by Mycobacterium Tuberculosis	\$552,134
2017	WASHINGTON UNIVERSITY	MO	R01AI118938	The Role of IFI35 in Innate Immunity and Influenza Pathogenesis	\$381,250
2017	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$1,667,884
2017	WASHINGTON UNIVERSITY	MO	R33AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$459,801
2017	WASHINGTON UNIVERSITY	MO	R01AI126909	Pathogenesis of HRPII in Cerebral Malaria	\$381,250
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121938	Strain-specific and pan-filoviral aptamer recognition of Ebola virus glycoproteins	\$239,754
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$606,058

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2017	INTACT GENOMICS INC	MO	R44AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	\$872,771
2017	WASHINGTON UNIVERSITY	MO	R21AI119744	INHIBITION OF STAT TRANSCRIPTION BY TOXOPLASMA	\$228,750
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116595	The parvovirus-induced DNA damage response and cell cycle perturbations	\$379,540
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$363,299
2017	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$782,578
2017	WASHINGTON UNIVERSITY	MO	R01AI134236	The Role of Group 3 Innate Lymphoid cells (ILC3) in Tuberculosis	\$712,802
2017	WASHINGTON UNIVERSITY	MO	P01AI120943	Structural and Functional Characterization of the Ebola Virus Replication Complex	\$2,742,882
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI127195	RNA Aptamers that Differentiate Among HIV-1 Capsid Assembly States	\$230,250
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI110420	TCR signal transduction in the regulation of T cell memory	\$359,569
2017	WASHINGTON UNIVERSITY	MO	R01AI077600	Epithelial Responses to Bacterial Invasion	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$381,251
2017	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$380,708
2017	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	\$387,000
2017	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	\$381,250
2017	WASHINGTON UNIVERSITY	MO	K08AI120854	CONTROL OF HIV REPLICATION BY CYCLIN L2	\$172,302
2017	WASHINGTON UNIVERSITY	MO	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$173,105
2017	WASHINGTON UNIVERSITY	MO	R01AI123926	Multi-platform High Throughput Screens for Filoviral Replication Inhibitors	\$808,703
2017	WASHINGTON UNIVERSITY	MO	R21AI121939	ENVIRONMENTAL ENTEROPATHY AND THE VIROME	\$190,625
2017	WASHINGTON UNIVERSITY	MO	R21AI126652	ROLE OF CTCF IN HTLV-1 PATHOGENESIS	\$242,475
2017	WASHINGTON UNIVERSITY	MO	R21AI126080	The pathogenesis of paratyphoid fever	\$272,900
2017	SAINT LOUIS UNIVERSITY	MO	R21AI124672	Defining approaches for improving HID and HPD compounds as HBV RNaseH antagonists	\$227,250
2017	WASHINGTON UNIVERSITY	MO	K22AI127846	Regulation of Interferon-Lambda Signaling by Commensal Bacteria and Norovirus	\$162,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	WASHINGTON UNIVERSITY	MO	R01AI127752	METABOLIC REGULATION OF NATURAL KILLER CELL ACTIVATION	\$381,250
2017	WASHINGTON UNIVERSITY	MO	P01AI116501	Pathways Regulating Lung Transplant Tolerance	\$1,447,614
2017	WASHINGTON UNIVERSITY	MO	R01AI123780	COMMON IMMUNE CORRELATES OF RISK OF TB DISEASE IN ANIMAL MODELS AND HUMANS	\$734,575
2017	WASHINGTON UNIVERSITY	MO	R01AI125618	ITACONATE AS METABOLIC REGULATOR OF INFLAMMATION	\$381,250
2017	WASHINGTON UNIVERSITY	MO	U01AI131342	GUT SPECIFIC AND TIME-LIMITED EVENTS IN EARLY LIFE PROMOTING TOLERANCE	\$452,875
2017	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$383,019
2017	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$528,701
2017	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$330,000
2017	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$342,000
2017	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$454,761
2017	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$494,875
2017	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	\$582,216
2017	WASHINGTON UNIVERSITY	MO	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R21AI122726	REGULATION OF OF GENOME ARCHITECTURE IN LYMPHOCYTES: OPPOSING TETHER AND BOUNDARY FUNCTIONS	\$228,750
2017	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$558,388
2017	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$631,455
2017	MEDIOMICS LLC	MO	R43AI131833	Developing specific, rapid and cost-effective immunoassays for Zika detection	\$299,979
2017	WASHINGTON UNIVERSITY	MO	R01AI127554	Glycogen in Bacterial Vaginosis & How Carbohydrates Shape the Vaginal Microbiome	\$394,075
2017	WASHINGTON UNIVERSITY	MO	R21AI133291	RECOGNITION AND SIGNALING OF VIRAL INFECTION IN C. ELEGANS	\$228,750
2017	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$457,500
2017	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$342,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	\$168,709
2017	WASHINGTON UNIVERSITY	MO	K08AI113184	THE MICROBIOTA AND MUCOSAL IMMUNE RESPONSES IN THE DEVELOPMENT OF ASTHMA	\$162,920
2017	WASHINGTON UNIVERSITY	MO	R01AI125045	Preclinical studies of a Cryptococcus vaccine for AIDS patients	\$644,346
2017	SAINT LOUIS UNIVERSITY	MO	K22AI104794	IMMUNE CONTROL OF WEST NILE VIRUS QUASISPECIES DYNAMICS	\$108,000
2017	WASHINGTON UNIVERSITY	MO	K08AI121422	IMPROVED ANTIGEN DETECTION TESTS FOR FILARIAL INFECTIONS	\$173,704
2017	SAINT LOUIS UNIVERSITY	MO	R21AI128270	Protective and pathologic effects of Th17 cells specific for an intracellular pathogen	\$227,250
2017	WASHINGTON UNIVERSITY	MO	F30AI120339	Role of glycan precursor transporters in Cryptococcus neoformans virulence	\$49,044
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI129996	Host Response and Immunity to Yersenia pestis Infection	\$373,364
2017	WASHINGTON UNIVERSITY	MO	R56AI134035	Cis-Regulatory Circuits for ILC Function and Plasticity	\$621,424
2017	WASHINGTON UNIVERSITY	MO	R21AI115139	REGULATION OF COMPLEMENT ACTIVATION BY SALP20 PROTEIN	\$190,625
2017	WASHINGTON UNIVERSITY	MO	R21AI126150	CONTROL OF PERIPHERAL T CELL FUNCTION BY SELF-PEPTIDE/MHC	\$228,750
2017	WASHINGTON UNIVERSITY	MO	K23AI130389	Accelerating Translational Development of Novel Antigens for an Enterotoxigenic E. coli Vaccine	\$146,277
2017	WASHINGTON UNIVERSITY	MO	R01AI131680	NATURAL KILLER CELL CONTROL OF MURINE CYTOMEGALOVIRUS INFECTION	\$548,096
2017	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$1,167,359
2017	WASHINGTON UNIVERSITY	MO	R01AI125743	HISTAMINE-INDEPENDENT MAST CELL NERVE INTERACTIONS IN ALLERGY	\$381,250
2017	WASHINGTON UNIVERSITY	MO	R01AI113118	UNDERSTANDING AUTOREACTIVE T CELL PATHOGENICITY	\$381,250
2017	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	\$376,476
2017	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$6,644,235
2017	WASHINGTON UNIVERSITY	MO	R01AI111605	INTERFERON SIGNAL ENHANCERS AS ANTIVIRAL THERAPEUTICS	\$440,934
2017	SAINT LOUIS UNIVERSITY	MO	R21AI117128	Viral Categorization and Discovery in Acute Liver Failure with Unknown Etiology	\$227,250
2017	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$524,416
2017	WASHINGTON UNIVERSITY	MO	R37AI049653	DIFFERENTIATION AND FUNCTION OF MONOCYTES AND MACROPHAGES	\$536,250
2017	WASHINGTON UNIVERSITY	MO	R21AI131254	GORILLA ADENOVIRUS ZIKA VACCINE FOR HUMANS	\$190,625

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	WASHINGTON UNIVERSITY	MO	R01AI127552	Role of CD300 Family in Norovirus Tropism, Persistence, and Immunity	\$699,874
2017	WASHINGTON UNIVERSITY	MO	R21AI128427	Targeting Fatty Acid Metabolism to Treat TB	\$228,750
2017	WASHINGTON UNIVERSITY	MO	R01AI126887	Molecular Microbiology of Enterotoxigenic E. coli Pathogen-Host Interactions	\$428,845
2017	WASHINGTON UNIVERSITY	MO	R01AI125363	INVESTIGATING TYPE VI SECRETION IN ACINETOBACTER BAUMANNII AND ITS INTERPLAY WITH ANTIBIOTIC RESISTA	\$381,250
2017	FIMBRION THERAPEUTICS INC	MO	R44AI106112	Anti-Virulence FimH Inhibitors for the Treatment and Prevention of UTIs	\$901,235
2017	WASHINGTON UNIVERSITY	MO	R01AI130152	Regulation of Normal and Pathogenic B Cell Proliferation by a c-Myc-initiated Transcription Factor Cascade	\$471,521
2017	WASHINGTON UNIVERSITY	MO	U01AI131349	Evaluation of Antigen-Specific Immune Interactions with Commensal Bacteria in Neonates	\$305,000
2017	WASHINGTON UNIVERSITY	MO	F30AI129110	Metabolic requirements of NK cell responses to viral infection	\$29,954
2017	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$1,079,038
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$383,750
2017	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$506,896
2017	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	\$408,654
2017	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	\$380,000
2017	WASHINGTON UNIVERSITY	MO	R01AI112508	IDENTIFICATION OF THE ANTIMALARIAL TARGET OF PEPSTATIN ESTERS	\$381,250
2017	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$506,354
2017	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	\$606,097
2017	WASHINGTON UNIVERSITY	MO	R21AI131206	IDENTIFICATION OF NATURAL GENOMIC VARIANTS THAT INFLUENCE CRYPTOCOCCAL VIRULENCE	\$228,750
2017	WASHINGTON UNIVERSITY	MO	R21AI123789	Analysis of Complement Activation and Regulation by Mass Cytometry	\$205,125
2017	VaxNewMO LLC	MO	R41AI131742	Towards a New Generation of Glycoengineered Pneumococcal Bioconjugate Vaccines	\$210,129
2017	WASHINGTON UNIVERSITY	MO	R01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$673,167

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	WASHINGTON UNIVERSITY	MO	R01AI123407	ROLE OF CELL WALL INTEGRITY IN ECHINOCANDIN RESISTANCE IN C. NEOFORMANS	\$393,125
2017	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$372,603
2017	UNIVERSITY OF MISSISSIPPI	MS	R01AI132579	Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure	\$580,539
2017	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R21AI127282	Mode of Action of Allosteric HIV-1 Integrase Inhibitors during Late Steps of Viral Replication	\$222,000
2017	MISSISSIPPI STATE UNIVERSITY	MS	R03AI117223	Adapting to new hosts: Identifying genes under selection in malaria parasites	\$79,435
2017	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI133430	Delineate Degranulation Mechanisms for Mast Cell Mediators	\$439,942
2017	UNIVERSITY OF MONTANA	MT	R03AI122167	Determining the role of trogocytosis-mediated signaling on CD4 T cell phenotype and effector functions	\$72,500
2017	MONTANA STATE UNIVERSITY	MT	R01AI113330	Resuscitation of P. aeruginosa biofilm cells from dormancy	\$324,000
2017	MONTANA STATE UNIVERSITY	MT	R21AI117441	Role of type I IFN and human TLR4 in Coxiella burnetii pathogenesis	\$180,000
2017	UNIVERSITY OF MONTANA	MT	R21AI128575	Small RNAs of Bartonella bacilliformis; the agent of Carrion's disease in humans	\$226,996
2017	MONTANA STATE UNIVERSITY	MT	R56AI127398	In Vivo Mechanisms of Antibody-mediated Protection from Aerosolized Ricin Toxin	\$745,291
2017	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750
2017	UNIVERSITY OF MONTANA	MT	R21AI123293	Caenorhabditis elegans infection model for Coxiella burnetii	\$181,250
2017	UNIVERSITY OF MONTANA	MT	R21AI131681	CryoEM structural analysis of Lassa virus GPC	\$211,769
2017	MONTANA STATE UNIVERSITY	MT	R21AI128295	The SaeR/S Regulatory System of Staphylococcus aureus Prevents Complement-mediated Interactions with Human B cells	\$216,000
2017	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$423,354
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$506,912
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$200,798
2017	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$541,601
2017	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$427,299
2017	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$23,794,663
2017	Duke University	NC	R21AI120981	Bloodborne tropical pathogen detection using multiple nanophotonic arrays	\$201,282

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	NIRVANA SCIENCES, INC.	NC	R42AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cytometry	\$756,785
2017	Duke University	NC	R01AI125416	Defining the role of the RNA modification N6-methyladenosine in the hepatitis C virus lifecycle	\$509,609
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125097	Peripheral and tissue-resident gamma/delta T cells in HIV latency	\$555,190
2017	Duke University	NC	R21AI124100	Defining novel Riplet-activated antiviral innate immune signaling pathways	\$198,750
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI124010	IRF3 is a novel mediator of cell death during genital Chlamydia infection.	\$228,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$188,858
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI120549	Acute Infection: Lived Experiences and Ethical Challenges in HIV Research	\$190,000
2017	Duke University	NC	F32AI124658	Role of Developmental Signaling Pathways in Tuberculosis Pathogenesis	\$7,725
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131430	Development and pre-clinical evaluation of a novel Polymer-Based In-Situ Forming Implant (ISFI) for Long-Acting HIV PrEP	\$605,416
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129541	PlrSR-dependent Signal Transduction in Bordetella Virulence	\$509,748
2017	RIBOMETRIX LLC	NC	R43AI129095	An RNA-targeted platform for anti-flavivirus drug discovery	\$224,475
2017	Duke University	NC	R21AI128124	Interferon-driven ubiquitin response targets Chlamydia inclusions in human cells	\$198,750
2017	Duke University	NC	U01AI133604	Mitigators of Radiation-Induced Endovascular Injury: Targeting Tie2 and Thrombocytopenia	\$556,500
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI134438	Identifying A New Class of HIV Maturation Inhibitors	\$194,375
2017	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$2,263,268
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI134073	Structure based design of recombinant Zika virus antigens for serodiagnosis	\$233,250
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131060	A dyad approach to combination HIV prevention in pregnancy for Zambia and Malawi	\$606,006
2017	Duke University	NC	R01AI118571	Dissection of polyreactivity and neutralization activity of HIV-1 Abs	\$647,825
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$483,933
2017	Duke University	NC	T32AI007392	Interdisciplinary Research Training Program in AIDS	\$302,534
2017	Duke University	NC	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	\$394,588
2017	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$943,871

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2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$380,000
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	\$167,751
2017	WAKE FOREST UNIVERSITY	NC	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$157,673
2017	Duke University	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$2,577,651
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI109979	Investigating the targets and strain specificity of antibodies against P. vivax	\$41,767
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123193	Functional protein networks underlying T cell growth, proliferation and differentiation	\$377,975
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119073	Role of caspase-11 in innate immunity	\$341,839
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119032	Dissecting Bubonic Plague	\$376,547
2017	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$8,000,000
2017	EAST CAROLINA UNIVERSITY	NC	R01AI126398	Interferon-beta as an Adjuvant for Tolerogenic Vaccination	\$416,673
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127346	HIV-1 Vpr disrupts the IFN-TET-ISG pathway to promote HIV-1 infection and persistence	\$532,000
2017	MUCOMMUNE, LLC	NC	R41AI122472	Delivery of pathogen-trapping antibodies for vaginal protection	\$50,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121462	Discovering Histoplasma factors required for initial macrophage interaction	\$228,000
2017	Duke University	NC	R21AI129852	Pregnant rabbits as a model to evaluate the causative role of ZIKV infection in the etiology of congenital malformations	\$235,406
2017	Duke University	NC	R21AI126024	Spatial Scales of Plasmodium Falciparum Generations; Implications for Elimination	\$187,666
2017	Duke University	NC	R56AI124973	Effect of m6A methylation of HIV-1 transcripts on viral replication	\$397,500
2017	Duke University	NC	F31AI127303	Identifying key determinants of IgG transplacental transfer from HIV-infected mothers to their fetus	\$35,033
2017	Duke University	NC	R21AI128727	IL-27 in skin host defense and regeneration	\$236,538
2017	Duke University	NC	U19AI131471	The Risks and Opportunities of Homeostatic Repopulation	\$2,434,259
2017	Duke University	NC	R01AI128832	Immunity to novel T/F SHIVs: variability in the co-evolution of virus and host immunity	\$1,075,751
2017	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$759,765
2017	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$176,807
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$651,300

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2017	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,698,865
2017	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$498,480
2017	DUKE UNIVERSITY MEDICAL CENTER	NC	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$429,790
2017	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$39,184,529
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$383,468
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI112487	Investigating graft-versus-host clearance of HIV-infected cells in vivo	\$40,878
2017	Duke University	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	\$474,165
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107949	Epidemiological and Spatial Models of Malaria Transmission	\$468,892
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI125040	Identifying cellular long non-coding RNAs as targets for HIV intervention	\$241,375
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123010	The Role of Human Gut Microbiota in HIV-1 Rectal Acquisition, Replication, and Pathogenesis	\$730,827
2017	Duke University	NC	R21AI124344	Postpartum HIV care engagement in the context of Option B+ in Tanzania	\$138,000
2017	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$60,810
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI133236	Natural killer cell cytotoxicity against intracellular bacteria	\$291,365
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI120623	Cellular Interactions of VSV Nucleocapsids	\$438,271
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI133004	Molecular Analysis of Antibiotic Resistance in Neisseria gonorrhoeae	\$235,095
2017	CELL MICROSYSTEMS INC	NC	R42AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	\$801,389
2017	Duke University	NC	K23AI125670	Immune Profiles to Better Understand Chronic Allograft Dysfunction and Successful Long-term Clinical Outcomes after Human Lung Transplantation	\$186,378
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI116725	The TREX1 Pathway in Autoimmune Disease	\$386,640
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$388,750
2017	Duke University	NC	R01AI133654	The Genetic Basis of Virulence in Cryptococcus Neoformans	\$386,195
2017	Duke University	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$259,730
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$409,284
2017	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$33,697,405

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI125087	Comparative effectiveness of tailored HIV treatment plans and mortality	\$131,606
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109965	Discovery of New Innate Immune Pathways in Viral Recognition	\$2,863,677
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	\$693,336
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$1,351,542
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114310	Spurring Innovation in HIV Testing and Linkage: A Crowdsourcing Approach	\$725,059
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI113197	The pathogenesis of T. cruzi in HIV-infected persons in Bolivia	\$196,105
2017	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$457,377
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108368	The PHASES Project: Pregnancy and HIV/AIDS-Seeking Equitable Study	\$936,553
2017	Duke University	NC	F31AI122967	The duality of vaccine elicited HIV specific-IgA antibodies: Providing protection or diminishing protection	\$35,031
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127845	Natural history, immunity, and transmission patterns of sapovirus in a Nicaraguan birth cohort	\$685,837
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI122330	Regulation of avidity in T lymphocytes	\$190,640
2017	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$608,706
2017	Duke University	NC	R01AI123083	Structure-Function Analysis of Chlamydia Secretion Chaperones	\$517,940
2017	RIBOMETRIX LLC	NC	R21AI131801	Targeting the HIV RNA genome using fragment-based ligand discovery	\$182,700
2017	Duke University	NC	R01AI131978	Functional profile to HIV vaccine elicited antibodies in infants	\$419,977
2017	Duke University	NC	R01AI125604	Dynamics of horizontal gene transfer in response to antibiotic treatment	\$378,412
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125147	Host Targeted Therapy for Drug Resistant Salmonella and Francisella infection	\$1,279,158
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125198	PRECLINICAL ASSAYS TO PREDICT TETRAVALENT DENGUE VACCINE EFFICACY	\$1,083,712
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI125800	Sulfadoxine-Pyrimethamine IPTp in Malawi: Effects on the gut and vaginal microbiomes	\$190,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI130936	University of North Carolina Food Allergy Initiative	\$235,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$380,000
2017	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$392,500

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2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$2,437,629
2017	Duke University	NC	T32AI052077	Basic Immunology Training Program	\$187,310
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,729,963
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$149,973
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$380,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$378,364
2017	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$162,448
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$2,021,134
2017	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$614,923
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$1,054,722
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI116406	Quantification of HIV-1 Splicing Phenotypes and the Role of RNA Structure and Splice Regulator Elements	\$34,722
2017	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$1,803,470
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$3,028,807
2017	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI118769	Structural and mechanistic studies of the IκB Kinase complex	\$373,092
2017	Duke University	NC	F31AI124544	Characterization of a novel Salmonella regulator of IL-10 production and its role in pathogenesis	\$34,409
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI127319	The Pros and Cons of Trained Immunity Induced by Vaccines for Tuberculosis Prevention	\$228,000
2017	Duke University	NC	R21AI128283	Study of Subglutinin A as a Potential Immunomodulatory Agent	\$264,904
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI129431	Viral and host determinants of Zika virus tissue tropism	\$228,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$380,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI134363	The HIV Reservoir in Women: Implications for HIV cure interventions	\$548,778
2017	Duke University	NC	P01AI131276	The origin, predictors, and immune correlates of viral rebound in orally SHIV infected infant monkeys	\$1,698,360
2017	EAST CAROLINA UNIVERSITY	NC	R15AI133412	A novel role of the viral protein HBZ in mediating HTLV-1 infection.	\$435,664

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	EAST CAROLINA UNIVERSITY	NC	R21AI125921	Strategies of Bacteroides fragilis to acquire iron in the intestinal tract.	\$221,250
2017	Duke University	NC	R01AI127715	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$432,448
2017	Duke University	NC	P01AI110485	Integrase Defective Lentiviral Vector (IDLV)-ENV Immunogen Strategy for an HIV Vaccine	\$1,924,538
2017	Duke University	NC	K08AI123524	Investigating a Novel Co-regulation of Multi-Drug Efflux Pumps and Polysaccharide Capsule in E. coli	\$188,478
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI110700	Mechanisms of MERS-CoV Entry, Cross-species Transmission and Pathogenesis	\$733,354
2017	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R01AI123327	Oviposition attractants for sand fly control	\$363,274
2017	Duke University	NC	R01AI117780	Disruption of latent HIV-1 proviruses using CRISPR/Cas endonucleases	\$735,615
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$378,128
2017	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$431,040
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$257,585
2017	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$377,798
2017	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$2,733,379
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$791,374
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$2,018,682
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111899	Plug & Purge: In Vivo Targeting of Active HIV Reservoirs That Persist Despite ART	\$487,499
2017	Duke University	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$593,377
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI112432	Using Phylogenetics to Elucidate HIV Transmission Patterns and Inform Prevention	\$194,151
2017	Duke University	NC	K22AI116509	Survival of influenza A virus infected cells and effects on pathogenesis	\$104,514
2017	Duke University	NC	R01AI118182	Supramolecular nanofiber vaccines	\$611,615
2017	Duke University	NC	R01AI118903	HOST GENETIC VARIATION REGULATING SALMONELLA INVASION AND DISEASE SUSCEPTIBILITY	\$433,415
2017	Duke University	NC	R01AI127711	Modulation of Host Cell Environment by Mycobacterial PE/PPE Proteins	\$570,209
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI121516	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$199,568

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2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121465	Diversity and Phenotype of Artemisinin Resistance Mutations in Central Africa	\$193,496
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$322,065
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI120796	Mentoring new investigators in PMTCT implementation research	\$182,921
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI119558	Evaluating the Role of Neutrophils in the Progression of Pneumonic Plague	\$226,217
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K22AI125501	Investigating S. aureus persister formation under physiological conditions	\$161,680
2017	Duke University	NC	K23AI125677	Novel Diagnostics to Improve Antimicrobial Stewardship for Acute Respiratory Tract Infections in Resource-Limited Settings	\$188,567
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI123811	Hybrid Sequencing to Define the Full-Length Transcriptome of Double Stranded DNA Viruses	\$187,672
2017	Duke University	NC	F32AI118294	Discovery of novel liver host targets for malaria treatment	\$57,066
2017	CLINICAL SENSORS, INC.	NC	R42AI112064	Microfluidic Nitric Oxide Sensor	\$723,682
2017	Duke University	NC	R21AI133444	The effects of cells that survive direct influenza A virus infection on lung repair	\$195,583
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI131241	Inhaled pyrazinoic acid for tuberculosis therapy	\$281,762
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI132178	Broad-spectrum antiviral GS-5734 to treat MERS-CoV and related emerging CoV	\$1,455,240
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI131310	Phase I therapeutic testing of viral-vectored vaccines that shift CD8+ T cell immunodominance to conserved regions of HIV-1	\$1,012,608
2017	Duke University	NC	R21AI127022	Dual-Affinity Re-Targeting Proteins for Cure of Newborn Infant HIV-1 Infection	\$159,000
2017	Duke University	NC	F30AI126693	Role of Cholesterol Efflux Blockade in Mycobacterial Infection In Vivo	\$35,304
2017	Duke University	NC	F31AI124563	Trans-regulatory mechanisms of glucocorticoid-mediated transcriptional repression	\$35,258
2017	Duke University	NC	R01AI125517	Genetic dissection of angiogenesis in the tuberculous granuloma	\$397,500
2017	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$409,017
2017	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$313,430
2017	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$367,327
2017	Duke University	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	\$602,061
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$333,349

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2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$435,587
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI114094	CDI System-mediated Intra- and Inter-species Interactions in Burkholderia	\$57,066
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114320	Reaching Unaware Sexual and Social Contacts to Interrupt Ongoing HIV Transmission	\$627,323
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI125560	Enhancing efficacy of pertussis vaccines	\$391,067
2017	Duke University	NC	R21AI128405	Generation of Zika virus-specific recombinant antibodies	\$198,750
2017	Duke University	NC	R21AI127551	Defining the Aspergillus fumigatus Calcineurin-Dependent Regulatory Network through Whole Phosphoproteome Analysis	\$238,500
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R56AI065791	Metabolic and Immune Properties of Sepsis	\$509,702
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI129532	Zika virus in the human genital tract and implications for transmission	\$207,868
2017	Duke University	NC	R56AI123502	The Genetic Architecture of Virulence in Cryptococcus neoformans	\$153,433
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119164	Natural Immunity Against Chlamydia trachomatis	\$749,839
2017	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	\$397,500
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI114378	Experimental human infection with isogenic mutants of Neisseria gonorrhoeae	\$735,041
2017	Duke University	NC	R21AI132978	Host-derived biomarker signatures to differentiate acute viral, bacterial, and fungal infection	\$198,750
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI131685	Murine Model of Human Hepatitis A	\$385,833
2017	Duke University	NC	R21AI122048	Innate immune recognition of bacterial secretion systems by GBPs	\$232,318
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI125780	Immune regulation by pneumococcus	\$232,500
2017	Duke University	NC	R21AI125988	Impact of Sickle-Trait on Transcriptional Regulation in P. Falciparum Parasites	\$235,356
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123535	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$665,447
2017	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$557,136
2017	Duke University	NC	P01AI120756	Bridging Antibody Fc-mediated Antiviral Functions Across Humans and Non-human Primates	\$3,241,864
2017	Duke University	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$644,613
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$560,223
2017	Duke University	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$374,229
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	\$182,596

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2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$728,895
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$4,666,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127024	Integrating Decision Making Studies into HIV Cure Trials: A real-time longitudinal assessment	\$549,859
2017	Duke University	NC	F30AI122982	Novel mouse model of HIV broad neutralizing antibody induction	\$35,031
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI126619	Collaboratory of AIDS Researchers for Eradication (CARE)	\$4,592,950
2017	Duke University	NC	R21AI130574	Effect of m6A editing of RNA on influenza A virus replication	\$238,500
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI122319	Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence	\$767,780
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI121558	Variation in Resistance and Fitness to Artemisinin in African Malaria	\$632,307
2017	Duke University	NC	R13AI132015	2017 INTEREST Conference	\$70,000
2017	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI118876	Regulation of Memory B Cell Responses to Polysaccharide Antigens	\$384,390
2017	AMERICAN SOCIAL HEALTH ASSOCIATION	NC	R13AI134496	HIV Research in Women in Latin America	\$50,000
2017	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI129731	Leveraging Big Data to understand and improve continuity of care among HIV-positive jail inmates	\$681,959
2017	Duke University	NC	K23AI116869	Viral Zoonoses and Severe Febrile Illness in Northern Tanzania	\$188,732
2017	Duke University	NC	R21AI133644	Temperature-dependent transposon mobilization in <i>Cryptococcus neoformans</i>	\$198,750
2017	Duke University	NC	R01AI130236	Macrophage Reprogramming During Granuloma Formation in the Zebrafish	\$427,101
2017	UNIVERSITY OF NORTH DAKOTA	ND	R03AI127969	SV40 ENCAPSIDATION AS A REGULATOR OF CHROMATIN STRUCTURE	\$69,500
2017	UNIVERSITY OF NORTH DAKOTA	ND	R21AI125775	MicroRNAs induced in response to <i>Borrelia burgdorferi</i>	\$208,500
2017	UNIVERSITY OF NORTH DAKOTA	ND	R01AI109317	Lung innate immunity against bacterial infection	\$345,000
2017	UNIVERSITY OF NORTH DAKOTA	ND	R21AI119771	Endectocide use in livestock as a tool to help eliminate malaria in Central America	\$139,000
2017	UNIVERSITY OF NORTH DAKOTA	ND	R01AI121804	Molecular mechanism of Mincle mediated NET formation:Implications for pneumonic sepsis	\$347,500
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI130841	Uncovering pathogenic anti-bacterial defense mechanisms to identify novel targets for prevention of T1D	\$602,475
2017	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$407,626
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105147	Database designed novel anti-MRSA peptides	\$376,250
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI129745	Limiting HIV establishment and maintenace by preserving intestinal immunity	\$847,715

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2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI126299	Mucosal Delivery and Retention of Ebola Inhibitor Scytovirin Using Lactobacillus	\$191,875
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125589	The molecular control of bacterial programmed cell death	\$376,250
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125137	Host-Directed Immunotherapy: A "One Health" Approach	\$263,848
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI124965	The Lymphoid Tissue Pharmacology of Antiretroviral Drugs	\$753,498
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$705,487
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R03AI128230	Surface antimicrobial coating to prevent bacterial biofilms	\$75,250
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	K22AI123467	Structural Basis of Type IV Pilus-Induced Clostridium difficile Microcolony Formation	\$153,360
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI111862	Improve the safety of an efficacious live-attenuated HIV -1 vaccine through unnatu	\$484,455
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI125207	Comparative Virology Research Training Program	\$166,590
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI119090	Nanomedicine Development for Systemic Lupus Erythematosus	\$376,250
2017	CREIGHTON UNIVERSITY	NE	R01AI117740	Long-acting antiretroviral nanoparticles for HIV prophylaxis	\$543,485
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI114653	Mechanism of the Antiviral Activity of BAF Against Poxvirus and HSV-1 Infection	\$368,286
2017	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI121351	Group testing for infectious disease detection: multiplex assays and back-end screening	\$367,663
2017	CREIGHTON UNIVERSITY	NE	R21AI119829	Implications of B10-like cell expansion in a model of impaired receptor editing	\$218,250
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,895,813
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$598,659
2017	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI121050	EP67-Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV	\$376,192
2017	DARTMOUTH COLLEGE	NH	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$405,000
2017	DARTMOUTH COLLEGE	NH	R21AI119741	Engineer bifunctional antibacterial enzymes for treatment of S. aureus infections	\$162,000
2017	DARTMOUTH COLLEGE	NH	F30AI122970	Novel evolutionary platforms and computational strategies for the engineering of quaternary epitope-focused HIV immunogens	\$49,044
2017	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapation and Fungal Virulence of Aspergillus fumigatus	\$405,000
2017	DARTMOUTH COLLEGE	NH	R21AI130540	Optimization of a novel compound that enhances the activity of beta-lactams against Gram+ bacteria	\$212,350
2017	DARTMOUTH COLLEGE	NH	R01AI127548	Evolved Heterogeneity Contributes to Chronic Fungal Lung Infections	\$418,718

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2017	CELDARA MEDICAL LLC	NH	R41AI132047	Therapeutic antibodies for treatment of hantavirus cardiopulmonary syndrome	\$300,000
2017	IMMUNEXT INC	NH	R44AI129182	Targeting the checkpoint regulator VISTA for treatment of inflammatory disease	\$1,291,742
2017	LYTICON LLC	NH	R42AI118133	Design and Development of Immunotolerant S. aureus Biotherapies	\$868,526
2017	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$228,202
2017	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$912,191
2017	DARTMOUTH COLLEGE	NH	R01AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$405,000
2017	DARTMOUTH COLLEGE	NH	R21AI121782	Cholera conjugates designed to prevent colonization and induce B cell memory	\$243,000
2017	DARTMOUTH COLLEGE	NH	R21AI129869	Novel rhopty protein function in chronic toxoplasma infection	\$202,500
2017	DARTMOUTH COLLEGE	NH	R01AI127521	Structure, Function and Antigenicity of Coronavirus Spike Proteins	\$636,670
2017	DARTMOUTH COLLEGE	NH	R21AI121820	The Role of Flagellar Motility to Innate Immune Recognition of Bacteria	\$208,170
2017	DARTMOUTH COLLEGE	NH	F31AI124549	Design and Synthesis of Small-Molecule Inhibitors of Enteropathogenic Bacterial Virulence	\$44,044
2017	DARTMOUTH COLLEGE	NH	R01AI130128	Evolution of Aspergillus fumigatus virulence	\$473,975
2017	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$442,286
2017	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homeostatis and infection	\$594,606
2017	DARTMOUTH COLLEGE	NH	R21AI127922	Bypassing the restriction barrier to improve transformation in S. epidermidis	\$202,500
2017	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$457,269
2017	DARTMOUTH COLLEGE	NH	R01AI123372	Co-opting Endogenous Pathogen Autolysins as Next Generation Antibiotics	\$537,153
2017	DARTMOUTH COLLEGE	NH	R01AI117739	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	\$633,900
2017	DARTMOUTH COLLEGE	NH	R01AI122854	Host microRNA control of gammaherpesvirus latency	\$405,000
2017	DARTMOUTH COLLEGE	NH	R03AI122242	PH domains as Calmodulin binding domains	\$81,000
2017	DARTMOUTH COLLEGE	NH	R01AI131975	Directing Antibody Effector Activity via Controlled IgG Subclass Switching	\$620,814
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111397	Pre-clinical Development of an Advanced Genexpert Test for Drug Resistant Mtb	\$1,134,247
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI122034	GrgA: Key Regulator of Chlamydial Physiology and potential Antichlamydial Target	\$193,904
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$49,044
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI118874	Development of New Antibiotics Against Multidrug-Resistant Staphylococcus aureus	\$391,244

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2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI121621	The in vivo effect of vitamin D on Mycobacterium tuberculosis infection	\$189,878
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$659,423
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI130585	Association between altered gut microbiota and the pathogenesis of Multiple Sclerosis	\$229,650
2017	PRINCETON UNIVERSITY	NJ	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$550,294
2017	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$705,376
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$647,565
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$972,010
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117338	Genomic variation in epidemic carbapenem-resistant K.pneumoniae	\$198,750
2017	ADVANCED BIODEVICES LLC	NJ	R43AI132040	Improved cleaning technology for reducing risk of transmitting infection in endoscopy.	\$285,503
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI127844	The Warburg effect and host immune response in tuberculosis	\$685,290
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI125452	Molecular Mechanisms of Rgg Receptor Regulation by Pheromones and Inhibitors	\$475,808
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$1,021,724
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106125	Contribution of plasmacytoid DCs to immune senescence in HIV infection	\$397,500
2017	PRINCETON UNIVERSITY	NJ	R01AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$398,800
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123224	Innate Immune regulation of helminth-induced inflammation	\$397,500
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123970	Manganese acquisition and Mycobacterium tuberculosis virulence	\$198,750
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123859	Remodeling of ribosome function by MazF toxins	\$266,750
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123315	The role of inositol in Cryptococcus biology and pathogenesis	\$574,648
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$524,999
2017	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$402,500
2017	PRINCETON UNIVERSITY	NJ	F31AI114240	Emerging roles for interferon inducible protein IFIX in innate immune response	\$44,044
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$386,234
2017	ANALYTICAL DIAGNOSTICS SOLUTIONS, INC	NJ	R43AI129057	A user-friendly point-of-care device for G6PDH determination	\$191,220

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	SIGNUM BIOSCIENCES INC	NJ	R44AI132065	A Topical Non-steroidal Anti-inflammatory for Atopic Dermatitis	\$1,050,155
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI129870	Toxoplasma entry receptors in the CNS	\$238,500
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$788,371
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$205,223
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI124499	The Candida albicans acetylome in fungal virulence	\$397,500
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI134040	Induction of effector lymphocyte lethargy by helminth coinfection	\$587,042
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI132576	Regulation of Th2 differentiation by skin-resident dendritic cells	\$397,500
2017	PRINCETON UNIVERSITY	NJ	R21AI117009	High-throughput Quantification of Persister Physiology at the Systems Level	\$232,777
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI122757	Contribution of Innate-like Tregs for Preventing Tissue Inflammation	\$477,000
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI128052	Inhibitors of Plasmodium liver infection	\$198,750
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI128264	Roles of TRAF3 in myeloid derived suppressor cells in chronic inflammation	\$193,750
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114647	Regulation of antifungal immunity by monocyte-derived dendritic cells	\$362,012
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$774,998
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$1,190,331
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity, microbiome and HIV transmission by Depo-Provera	\$572,250
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$5,504,272
2017	PRINCETON UNIVERSITY	NJ	DP1AI124669	Mechano-microbiology: how physical forces control bacterial-host interactions	\$810,000
2017	PRINCETON UNIVERSITY	NJ	R21AI121828	The biophysical mechanism of pilus-based surface sensing in Pseudomonas aeruginosa	\$198,141
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI116802	Regulation of innate lymphocyte function by Zbtb32	\$108,000
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI124192	Expression of BTB-ZF Transcriptional Regulators as Biomarkers of Immune System Development	\$79,500
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI111647	Discovery and Validation of Drug Targets in Vulnerable Populations	\$478,857
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI126053	Synthetic AMPs that Control Biofilms of Gram-variable Pathogens	\$191,884
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI125185	Program in Infection, Immunity and Inflammation	\$169,054
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI130628	Iron dependent membrane vesicle production in M. tuberculosis	\$238,500

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2017	PRINCETON UNIVERSITY	NJ	R01AI130293	Examining fluoroquinolone-induced DNA damage in persisters and its contributions to antibiotic resistance.	\$399,792
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$464,603
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI126788	Novel Biomarkers to Shorten TB Treatment	\$728,068
2017	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI117776	ANTI-HIV COLORECTAL NANOCARRIER-BASED FOAMS FOR MUCOSAL PRE-EXPOSURE PROPHYLAXIS	\$522,654
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120600	Functional analysis of a novel Treg population identified by transcription factor profiling	\$198,750
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI122069	Defining the iron environment of M. tuberculosis granulomas	\$79,500
2017	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI133633	Development of inhibitors of P. falciparum cGMP dependent protein kinase (PfPKG) for malaria chemoprevention	\$721,174
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI128159	Sex-dependent phagocyte clearance of Staphylococcus aureus	\$224,675
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$2,565,880
2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$376,181
2017	NEW MEXICO STATE UNIVERSITY	NM	SC1AI112786	Bacterial colonization and immunogenicity in the mosquito gut ecosystem	\$321,200
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$658,214
2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$649,762
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$399,999
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI119708	Basis of MyD88-independent Th1 immunity during Toxoplasma infection	\$189,375
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$133,180
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI121806	Paratransgenic sand flies	\$190,070
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI131098	Inducing Immune Control of Bacterial Virulence Regulation	\$224,452
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI116894	Nano and Microscale Molecular Machines for Innate Immune Sensing of Candida	\$361,676
2017	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$676,207
2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$835,913
2017	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R21AI120973	Field-deployable Assay for Differential Diagnosis of Malaria and Viral Febrile Illnesses	\$191,787
2017	UNIVERSITY OF NEW MEXICO (THE)	NM	R37AI101438	Snail-Related Studies of Transmission & Control of Schistosomiasis in Kenya	\$668,012

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2017	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI125873	Real-time estimation of antibiotic concentration in a bacterial cell	\$233,160
2017	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$356,575
2017	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI090573	Understanding transcriptional silencing & anti-silencing mechanisms in Shigella	\$445,008
2017	UNIVERSITY OF NEVADA-RENO	NV	R01AI122266	Prenatal, Intrapartum and Infant Antibiotic Use and Atopic Diseases in Childhood	\$744,631
2017	UNIVERSITY OF NEVADA-RENO	NV	R03AI128290	Puerperal sepsis and group A Streptococcus heterogeneity	\$71,750
2017	UNIVERSITY OF NEVADA-RENO	NV	R01AI123011	Changes in viral and cellular gene expression mediated by KSHV PAN lncRNA	\$356,575
2017	UNIVERSITY OF NEVADA-LAS VEGAS	NV	K22AI121097	Matrix-associated proteins in biofilm tolerance: Psl and ecotin	\$106,178
2017	DXDISCOVERY INC	NV	R44AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$351,332
2017	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R01AI109139	Prophylaxis of Clostridium difficile infection	\$639,084
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$373,948
2017	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,270,547
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$577,129
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$916,315
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$5,317,381
2017	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$362,350
2017	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$766,762
2017	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$545,124
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI110593	Advanced Rigidity-based Material for Enhanced Immunotherapy	\$392,606
2017	SUNY, STONY BROOK	NY	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$392,571
2017	New York University	NY	R01AI108889	Mechanisms of Allosterity and Molecular Recognition in the Small Multidrug Resistan	\$388,385
2017	CUNY, RESEARCH FOUNDATION	NY	SC1AI114843	Mechanism of cellular recognition and entry by a circovirus	\$353,250
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI109023	Defining P. falciparum resistance to artemisinin-based combination therapies	\$378,971

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2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113186	Multi-level analysis of influenza virus polymerase and its role in pathogenesis	\$595,386
2017	Trustees Of Columbia University In The City Of New York	NY	U24AI118669	Sample Sparing Chambers for Imaging of T cell Response and Function	\$307,134
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI101256	Structural and Biochemical Studies of Jak2	\$423,750
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U24AI118644	Novel tools to maximize profiling of tissue and antigen specific immune dysregulation in allergy and inflammatory bowel disease	\$399,725
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI122176	Endocytic Control of Autophagosome Formation in Lupus T cells	\$405,000
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$773,296
2017	SUNY, BUFFALO	NY	R01AI125119	The role of non-broadly neutralizing antibodies targeting gp41 structural epitopes in long term nonprogression of HIV infection	\$391,667
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI124186	RNA-directed targeting of AID in immunity and genomic integrity	\$428,500
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI120648	Novel cellular pathways that allow cells to survive influenza A virus infection	\$39,264
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI120806	Purinergic signaling in HIV-1 infection and inflammation	\$185,312
2017	POPULATION COUNCIL, INC	NY	R21AI124409	Assessing the acceptability, feasibility, and a potential distribution model of HIV oral self-testing (HST) among men who have sex with men (MSM) in Lagos, Nigeria	\$102,904
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI124753	Microsporidia: invasion apparatus	\$417,500
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI125623	Yersinia pseudotuberculosis-based vaccines for plague and yersiniosis	\$764,557
2017	HEALTH RESEARCH, INC.	NY	R21AI126416	High-throughput application of CRISPR technology to identify gene function in Salmonella	\$233,349
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI125236	N6-methyladenosine and the biology of HIV	\$202,132
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI116028	Analysis Of Influenza Virus Polymerase Interactions With The Host Transcriptome	\$38,489
2017	SUNY, STONY BROOK	NY	R21AI126048	Chikungunya vaccine candidate developed by codon pair de-optimization	\$238,375
2017	SUNY, STONY BROOK	NY	R21AI129306	Structure-based Design of Zika Virus Inhibitors Targeting Envelope Glycoprotein (E)	\$199,089
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI126036	Auto-necroptosis in macrophages	\$254,250
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128735	Mechanisms of Plasmacytoid dendritic cell activation in vivo	\$250,500
2017	SUNY, STONY BROOK	NY	R21AI125806	Comorbidity of hypercholesterolemia and Lyme disease	\$237,750
2017	SUNY, BINGHAMTON	NY	R21AI128248	Virus induced genetic changes in the pathogenesis of autoimmune myositis	\$199,674

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2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI131608	Discovery of influenza virus polymerase inhibitors	\$231,855
2017	UNIVERSITY OF ROCHESTER	NY	R21AI119646	Diagnosis of early Staphylococcus aureus infections using circulating plasmablasts	\$192,239
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI088027	Ebolavirus and marburgvirus entry into cells	\$511,738
2017	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$471,209
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI124006	Highly Attenuated Vesiculovirus-based Vectors as HBV Therapeutic Vaccines	\$399,750
2017	SUNY, BUFFALO	NY	R21AI128284	Dysregulation of regulatory T cells during chronic infection in muscle	\$239,250
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129486	Interferon signaling inhibition by the Zika virus NS5 protein	\$254,250
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI133608	Development of thrombopoietin mimetic (TPOm) as a mitigator against Radiation-induced endovascular injuries	\$498,697
2017	ROCKEFELLER UNIVERSITY	NY	K99AI127932	Human genetic determinants of mycobacterial immunity	\$121,163
2017	ROCKEFELLER UNIVERSITY	NY	R01AI129795	Optimization of Fc effector activity of anti-HIV antibodies to target HIV reservoir	\$847,498
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120998	HIV restriction by APOBEC3A	\$466,130
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI123794	Novel Inhibitors of Malaria Proteasome	\$254,250
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI118833	Nasal biomarkers of asthma	\$841,388
2017	Trustees Of Columbia University In The City Of New York	NY	R21AI133140	DNA Elements Underlying Celiac and Crohn's Susceptibility	\$200,000
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI119145	Investigating genomic factors and microbiome features that impact CDI transmission and prognosis	\$847,495
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$423,750
2017	CUNY, RESEARCH FOUNDATION	NY	R15AI124044	Development of a Novel Inhibitor of Ricin: A Potential Therapeutic Lead against Deadly Shiga and Related Toxins	\$445,387
2017	Trustees Of Columbia University In The City Of New York	NY	U54AI138370	Center for Solutions for ME/CFS	\$1,969,576
2017	SUNY, STONY BROOK	NY	R01AI127704	Investigation on Replicative aging in Cryptococcus neoformans populations	\$687,784
2017	SUNY, STONY BROOK	NY	R01AI119079	Functional Analysis of STAT3 in Gammaherpesvirus Infection	\$461,011
2017	ROCKEFELLER UNIVERSITY	NY	R01AI131688	Analysis of immunity, viral adaptation and pathogenesis in a new mouse model of HCV-related rodent hepacivirus infection	\$703,869
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123368	Immune regulation of intestinal health and disease	\$423,750
2017	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$233,449
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI123654	Antibody therapy for pneumococcal disease	\$417,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CORNELL UNIVERSITY	NY	R01AI132708	The Notch Signaling Pathway Regulates Basophil Responses During Helminth Infection	\$390,000
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$512,779
2017	ROCKEFELLER UNIVERSITY	NY	R01AI116943	A systematic analysis of small RNA interactions during RNA virus infections	\$545,126
2017	UNIVERSITY OF ROCHESTER	NY	R01AI117288	Passive and Active Immunization for Pneumocystis	\$465,229
2017	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$440,000
2017	UNIVERSITY OF ROCHESTER	NY	K23AI108355	Quantitative Pharmacology for Accelerating Drug Development for HIV/HCV Co-Infected Patients	\$149,818
2017	CUNY, RESEARCH FOUNDATION	NY	R15AI094351	Characterization of flavovirus NS4A induced autophagy	\$7,883
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,183,570
2017	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$423,750
2017	SUNY, STONY BROOK	NY	F31AI124570	Modulation of host cell responses by Francisella tularensis	\$34,012
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$486,036
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123449	Tropism, pathogenicity, and potential for zoonotic spillover of emergent henipa- and henipa-like viruses	\$519,630
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$423,750
2017	New York University	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$2,714,464
2017	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$1,643,388
2017	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$597,112
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105168	Early Events in Pneumococcal Colonization	\$423,750
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$193,320
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$1,918,351
2017	HEALTH RESEARCH, INC.	NY	R01AI110112	Latitudinal landscape genomics and ecology of Anopheles darlingi	\$338,377
2017	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$84,250
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,099,999
2017	GE CORPORATE RESEARCH & DEVELOPMENT	NY	U24AI118667	Secretion Encoding for Multiparameter Functional Immune Assays	\$377,389
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$709,337
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	\$658,790

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2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$716,766
2017	THERASOURCE LLC	NY	R44AI096777	Human Ghrelin as an Effective Mitigator of Acute Radiation Injury	\$991,403
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127326	Mechanism of HIV-1 Latency and Reactivation Kinetics Using Single Cell Analysis	\$250,500
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107448	Modulation of ORAI2 and ORAI3 Calcium Channels	\$211,875
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI126863	Host and viral determinants of hepatitis C virus species tropism	\$39,264
2017	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	P01AI124337	Pushing the envelope: Optimizing vaccine display of flexibly linked HIV Env trimer immunogens	\$2,445,841
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127924	Ferret cell determinants of hepatitis C virus tropism	\$253,347
2017	New York Blood Center, Inc.	NY	R21AI128311	A novel nanobody with good druggability to prevent and treat MERS-CoV infection	\$263,400
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI130366	Inflammatory monocytes and host control of cryptococcosis	\$165,864
2017	SUNY, STONY BROOK	NY	R21AI121639	Small Molecule Inhibition of Pilus Biogenesis by Pathogenic Bacteria	\$211,391
2017	CORNELL UNIVERSITY	NY	R01AI121216	Mechanisms of virus-mediated compartmentalization of the host translational machinery	\$385,952
2017	SUNY, BUFFALO	NY	R21AI123558	Development of a diagnostic test for hypervirulent Klebsiella pneumoniae	\$199,375
2017	ADELPHI UNIVERSITY	NY	R15AI128585	Nucleoside ribohydrolases as targets for Trichomonas vaginalis therapeutic agents. This project will evaluate two essential nucleoside ribohydrolase enzymes as targets for novel antitrichomonal drugs.	\$310,934
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI132403	Micron-scale Spatial Metagenomic Mapping of Microbial Biogeography in the Gastrointestinal Tract	\$642,708
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI134100	Engineered circular RNAs: A novel platform for genetically encoded RNA-based biosensors and their application as real-time viral infection reporters	\$44,044
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R13AI134393	All Africa IeDEA Conference	\$85,000
2017	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,166,422
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI134018	Immuno-metabolic regulation of lung inflammation	\$57,066
2017	SUNY, STONY BROOK	NY	R21AI128372	Role of inflammatory monocytes in Salmonella-induced colitis	\$236,029
2017	ROCKEFELLER UNIVERSITY	NY	R01AI127562	Molecular dynamics of genome and epigenome integrity in Trypanosoma brucei	\$418,025
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	K22AI130182	Novel strategies to separate GVHD from GVT	\$162,000
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130760	Harnessing NK cell effector function for immunotherapies	\$254,250
2017	HEALTH RESEARCH, INC.	NY	R21AI131679	Cyclic AMP secretion mechanisms in M. tuberculosis	\$255,824

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2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI133617	Role of Post-transcription RNA Modifications on Zika Virus Gene Expression	\$226,813
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133717	Development of biologics targeting human cytomegalovirus envelope proteins	\$254,250
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI122801	Early cellular sensing of blood stage Plasmodium Parasites by Innate Immune Cells	\$208,750
2017	UNIVERSITY OF ROCHESTER	NY	R01AI129518	Modeling Mechanisms of Adjuvanted Influenza Vaccine Induced IgG Repertoire Diversity and Heterosubtypic Immunity	\$761,818
2017	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$6,913,382
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI130299	Determining West Nile virus antibody-dependent enhancement of Zika virus	\$252,993
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R24AI134650	Generation of a Complete Set of Precise Null Bar-Coded Deletion Mutants of Mycobacterium tuberculosis	\$561,889
2017	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$181,693
2017	CORNELL UNIVERSITY	NY	R01AI130018	Preclinical evaluation of compounds that inhibit cholesterol uptake in M. tuberculosis.	\$454,270
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130143	Regulation of Follicular T cell Responses in the Lung by Ion Channels	\$505,456
2017	Trustees Of Columbia University In The City Of New York	NY	R13AI131743	The 9th International Workshop on HIV Pediatrics	\$60,000
2017	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$176,300
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI118224	Small-Molecule Antibiotics Targeting Siderophore Biosynthesis in M. tuberculosis	\$666,740
2017	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,433,403
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$315,395
2017	SUNY, STONY BROOK	NY	R01AI127533	The Role the AAA+ Lon Proteases in Bacterial Pathogenesis	\$520,165
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI123129	Correlates of Vaccine-Induced, Tunable-Protection in an Outbred Tularemia Model	\$732,824
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$3,935,928
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$549,818
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$355,476
2017	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,544,856
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	\$181,281
2017	UNIVERSITY OF ROCHESTER	NY	R01AI127370	HCMV-mediated repurposing of AMPK & CaMKK signaling for productive infection	\$385,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$545,455
2017	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$750,000
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$418,258
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,150,863
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$675,282
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$468,212
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$6,990,368
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI108799	Calanolides as tools to find new drug targets for Mycobacterium tuberculosis	\$193,320
2017	UNIVERSITY OF ROCHESTER	NY	F30AI114036	The influence of inflammation on CD4 T cell interstitial migration	\$46,707
2017	SUNY, STONY BROOK	NY	R01AI129010	Defining ANDV Virulence and Attenuation Mechanisms	\$451,974
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI114545	Differentiation and Ontogeny of IgM Memory Cells during Bacterial Infection	\$405,000
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$412,975
2017	SUNY, BUFFALO	NY	R01AI125982	Developing Advanced Algorithms to Address Major Computational Challenges in Current Microbiome Research	\$311,153
2017	CUNY, RESEARCH FOUNDATION	NY	R21AI122996	Intervention to increase access to PEP to prevent HIV infection among Black MSM	\$210,800
2017	HEALTH RESEARCH, INC.	NY	R21AI109275	Mechanisms of IgA - mediated immunity to Vibrio cholerae	\$231,007
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K99AI125786	Immune - Microbiota Interaction in defense against Clostridium difficile	\$106,018
2017	SUNY, BUFFALO	NY	R21AI122964	A His-tag Binding Membrane System for Generating Neutralizing Gp41 MPER antibodies	\$238,115
2017	CORNELL UNIVERSITY	NY	R21AI124237	Mitochondrial Cell-Free DNA as a Marker of Rejection and Damage-Associated Molecular Pattern in Organ Transplantation	\$193,966
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	\$419,267
2017	COLD SPRING HARBOR LABORATORY	NY	R13AI129217	2018 CSHL Retroviruses Conference	\$35,000
2017	Trustees Of Columbia University In The City Of New York	NY	R21AI126305	New mechanism of commensal bacteria interaction with host immunity	\$240,000
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI123658	Natural killer cell and T-cell crosstalk in CMV infection	\$306,267

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2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI124062	Communication between skin and gastrointestinal tract in food allergy	\$211,875
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI124678	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	\$535,760
2017	CUBRC INC	NY	R21AI121614	Development of HAMLET as a Adjuvant for the Treatment of Drug-resistant Staphylococcus Aureus Infections	\$198,948
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$423,750
2017	THERAGNOSTIC TECHNOLOGIES INC	NY	R43AI131958	CRISPR-Cas9 Systems Delivered by Targeted Nanoparticles to Eradicate Herpesvirus Pathogens	\$306,277
2017	ROCKEFELLER UNIVERSITY	NY	F32AI126892	The role of epistatic networks in shaping adaptive landscapes	\$58,466
2017	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$784,531
2017	SUNY, STONY BROOK	NY	R01AI134054	Validating cholesterol-mediated Mycobacterium tuberculosis resistance to oxidative stress as a drug target	\$391,123
2017	COLD SPRING HARBOR LABORATORY	NY	R13AI131576	CSHL Microbial Pathogenesis and Host Response Conference	\$6,500
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	\$201,420
2017	New York University	NY	R01AI132020	Application of a syndemic framework to HPV and HSV infection in emergent adult men	\$787,932
2017	SUNY, STONY BROOK	NY	R01AI125770	Lipid-mediated fungal pathogenesis	\$580,113
2017	UNIVERSITY OF ROCHESTER	NY	R01AI126005	Novel effector protein functions encoded by T3SS positive V. cholerae	\$457,198
2017	UNIVERSITY OF ROCHESTER	NY	R01AI129988	Influenza virus host shutoff mechanism	\$385,000
2017	CORNELL UNIVERSITY	NY	R01AI130379	Role of the prostaglandin D2 receptor CRTH2 in helminth-induced type 2 inflammation in the intestine	\$382,993
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI123342	Innate B cell immunity and antibody-mediated rejection of human kidney allografts	\$443,535
2017	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI132580	A new paradigm of respiration in the human gut Bacteroides	\$625,587
2017	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$473,520
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI121349	Development of novel endosome-targeted Ebola virus entry inhibitors as antiviral agents	\$606,731
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$400,000
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$400,000
2017	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$642,058
2017	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	\$500,008

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2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$423,750
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$547,907
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	\$467,416
2017	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$296,949
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$380,183
2017	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$189,470
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$423,750
2017	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$402,238
2017	SUNY, STONY BROOK	NY	R01AI116420	New antifungals targeting the synthesis of fungal sphingolipids	\$594,484
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI1101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	\$399,291
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$605,878
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$2,525,880
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$508,500
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI110732	Global Health Research and Training in malaria and cholera: opportunities for nov	\$172,094
2017	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$370,793
2017	SUNY, BUFFALO	NY	R01AI111990	Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs	\$857,287
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI113365	Diversifying and Regenerating T Cell Function	\$400,000
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$487,000
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI102970	Lung Microbiome and Inflammation in Early COPD	\$201,420
2017	SUNY, STONY BROOK	NY	R01AI110792	Tailoring virulence of dengue virus in mammals and mosquitoes	\$456,307
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI114736	Engineering protease-resistant alpha-beta peptides for broad-spectrum antivirals	\$718,514
2017	Trustees Of Columbia University In The City Of New York	NY	F30AI114070	Dissecting the molecular basis of PfCRT-mediated antimalarial drug resistance	\$44,044
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$577,349
2017	UNIVERSITY OF ROCHESTER	NY	R21AI117105	New Approaches toward cultivating Molluscum contagiosum virus	\$185,987
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI124129	Generation of a mouse expressing a photoactivatable Cre recombinase	\$211,875

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2017	UNIVERSITY OF ROCHESTER	NY	R01AI121090	Neutrophil IFN-gamma in host defense and inflammation	\$450,906
2017	SUNY, BUFFALO	NY	R21AI117309	A Hybrid Bio-synthetic Vector Designed to Elicit Directed in vivo Immune Response	\$195,929
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R03AI122221	Mechanisms of mast cell activation in KSHV-mediated disease	\$81,000
2017	UNIVERSITY OF ROCHESTER	NY	R21AI122820	Reversing inhibitory receptor signaling for PcP Therapy	\$76,917
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI123819	Impact of immunosuppression therapy on commensal fungi and intestinal disease	\$211,875
2017	CORNELL UNIVERSITY	NY	R21AI126814	Controlling Th17 cells and responses in airway inflammation by tyrosine kinase Itk	\$193,750
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI117407	Methods for Extracting and Analyzing Highly Complex Regions of the Genome - Applications to the IGH locus	\$253,034
2017	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	\$504,989
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI124141	Integrase Defective Lentiviral Vectors for Antibody Delivery against Influenza	\$254,250
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107443	Regulation of the potassium channel IK1 by calcium and histidine phosphorylation	\$211,875
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI130343	Cellular and molecular mechanisms of IgE cell memory in allergic responses	\$622,041
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R00AI121473	Intrinsic and innate barriers to respiratory virus infections	\$249,000
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$250,724
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI132405	Cell Death Pathways and Heart Transplant Rejection	\$568,131
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132633	Dissecting the receptor-mediated infection mechanisms of hantaviruses	\$766,950
2017	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U01AI133655	Mechanisms of Radiation-induced Vascular Endothelial Cell Injury and Its Correction	\$575,154
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI125128	Single-Cell Analysis of HIV Replication	\$494,750
2017	CORNELL UNIVERSITY	NY	R21AI133203	Using proteomics to identify the P450s responsible for pyrethroid resistance in Aedes aegypti	\$195,000
2017	CODAGENIX INC	NY	R44AI131756	Pre-clinical Commercialization of a Synthetically Designed, Live-attenuated RSV Vaccine	\$755,377
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127173	Antibodies associated with protection against tuberculosis in nonhuman primates	\$264,807
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	P30AI124414	Einstein-Rockefeller-CUNY Center for AIDS Research	\$1,498,120
2017	HEALTH RESEARCH, INC.	NY	R01AI125190	Development of a Preclinical Assay to Predict Efficacy of Ricin Toxin Subunit Vaccines	\$1,057,355
2017	SUNY, BUFFALO	NY	R01AI124677	Toxoplasma gondii Regulation of Host GABAergic Signaling	\$553,045

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	ROCKEFELLER UNIVERSITY	NY	K99AI127243	New Approaches for Vaccine Development against HIV	\$142,007
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI133649	Deep mutational scanning of the Zika envelope protein	\$274,277
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI123308	A map of sphingosine 1-phosphate distribution	\$423,750
2017	ROCKEFELLER UNIVERSITY	NY	R01AI127564	Genome-wide search for inborn errors of IL-17 immunity underlying chronic mucocutaneous candidiasis	\$423,750
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$547,536
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI128949	Human anti-viral immune responses in tissues and circulation	\$2,484,908
2017	Trustees Of Columbia University In The City Of New York	NY	U19AI131474	Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors	\$2,098,315
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$684,836
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$423,750
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI133977	Alternatively activated macrophages during helminth infection	\$481,577
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI128821	Antibody responses in humans after infection with avian influenza viruses	\$200,000
2017	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$423,750
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI127812	Flu SAFE: Flu SMS Alerts to Freeze Exposure	\$798,011
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$423,750
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$392,026
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$143,308
2017	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$451,963
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$498,383
2017	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,994,336
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$491,143
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$417,500
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$2,057,943
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$2,447,355
2017	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$713,593

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2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI109761	Center for Research in Diagnostics and Discovery	\$6,626,745
2017	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$1,123,749
2017	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI102852	Cognitive and immune impairments in sepsis survivors	\$2,292,587
2017	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$43,427
2017	UNIVERSITY OF ROCHESTER	NY	T32AI118689	Infection and Immunity: The Pathogenesis of Host-Microbe Interactions	\$232,387
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI120898	Lentiviral Vector Vaccine for HIV-1	\$201,420
2017	ROCKEFELLER UNIVERSITY	NY	R01AI114873	ZAP isoforms in innate immunity-the long, the short and the extra-long of it all	\$423,750
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$762,612
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121944	Cellular receptor for enterovirus D68	\$240,000
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI121848	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	\$180,550
2017	UNIVERSITY OF ROCHESTER	NY	R21AI121550	Broadly Neutralizing Antibodies Against Human Pathogenic Old World Arenaviruses	\$248,106
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124000	Adipose tissue Inflammation is a critical mediator of host response to T. cruzi	\$208,750
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI117678	Novel functions of TH17 cytokines: reciprocal regulation of non-canonical wnts	\$197,500
2017	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	\$459,125
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI124413	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	\$543,440
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109830	Therapeutic Applications of Broadly Neutralizing Anti-HIV-1 Antibodies to Clear Latently Infected Cells	\$49,044
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI125997	Identifying Novel Ion Channels Regulating T cell Function	\$211,875
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K22AI116728	Early Innate Lymphoid Cell Development	\$107,083
2017	CORNELL UNIVERSITY	NY	R21AI117300	Development of novel protease inhibitors for influenza and paramyxoviruses	\$234,875
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI127957	R21 Late-onset Group B Streptococcus infection	\$254,250
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI124863	Role of signal sequence variation in governing HIV Env Functions	\$262,685
2017	NEW YORK MEDICAL COLLEGE	NY	R21AI117088	Population analysis of group A streptococcal phenotypes	\$202,952
2017	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$463,541
2017	IFYBER LLC	NY	R43AI132094	A Nitric Oxide Polymer Platform for the Prevention and Treatment of Infected Wounds	\$255,827

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2017	SUNY, STONY BROOK	NY	R21AI131729	Role of Persistent Zika Virus Infection of Endothelial Cells in Pathogenesis	\$235,543
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125244	Neurotropic herpesvirus envelopment and microtubule-mediated transport	\$731,581
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI133076	The Origin and Memory of Human IgE Responses	\$254,250
2017	CUNY, RESEARCH FOUNDATION	NY	R03AI128314	Interrogation of Mycobacterium kansasii with Forward Genetics	\$78,500
2017	CUNY, RESEARCH FOUNDATION	NY	UG3AI133674	Examining Modifiable Psychosocial Predictors of HIV Seroconversion in a Large Nationwide Cohort of High Risk Men	\$1,375,344
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI134366	Interplay between Negative Regulators of Type I Interferon and HIV control	\$254,250
2017	HEALTH RESEARCH, INC.	NY	R56AI131669	High throughput screening of orthosteric inhibitors of flavivirus protease	\$523,552
2017	CORNELL UNIVERSITY	NY	R21AI130635	Improving the efficiency and control of CRISPR/Cas9 gene drive systems	\$195,104
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI129827	ZIKA VIRUS RESISTANCE; HOST DETERMINANTS	\$254,250
2017	HEALTH RESEARCH, INC.	NY	R21AI131683	Identifying genetic correlates of Zika virus infection and transmission in US mosquitoes	\$181,504
2017	ROCKEFELLER UNIVERSITY	NY	R21AI131188	Conditioning of immune cells by the intestinal lymphatics	\$211,875
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127185	Toxoplasma gondii: cyst wall glycobiology	\$0
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130345	Macrophage development and specification in mice.	\$579,080
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI125462	Engineered, multispecific antibodies as broad anti-filovirus therapeutics	\$774,730
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	\$633,429
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$6,860,460
2017	SYLVATICA BIOTECH, INC.	NY	R43AI124835	Sylvatica I-Corps Commercialization Jan2017 - High Subzero, Equilibrium VCA Cryopreservation	\$50,000
2017	SUNY, BUFFALO	NY	R21AI126367	An in vitro Microscale Platform for Antibiotic Biosynthesis and Discovery	\$249,305
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI134328	Bispecific-Antibody-Drug Conjugates for Selective Targeting and Activation of the HIV Latent Reservoir	\$595,153
2017	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$440,000
2017	ROCKEFELLER UNIVERSITY	NY	R01AI124690	The yellow fever vaccine saga: Defining the viral and host determinants responsible for success versus failure	\$798,777
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI124465	Mechanism of BET Proteins in Th17 Cell Differentiation	\$423,750

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2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI129273	The role of RagGTPases dependent amino acid-sensing pathway in regulatory T cell functions.	\$44,044
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$423,750
2017	ROCKEFELLER UNIVERSITY	NY	R01AI119006	Dynamics of Antigen-Driven Selection in Germinal Centers	\$523,550
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$423,750
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI124464	Gut Microbiome, Acute Rejection, and Tacrolimus Dosing in Kidney Transplantation	\$192,618
2017	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$398,750
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$2,181,897
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$423,750
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$399,596
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$549,374
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI122721	Function of Regulatory T Cells in Tissue Repair	\$49,044
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$342,921
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$423,750
2017	SUNY, STONY BROOK	NY	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$392,571
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI122486	Deciphering the cellular signals emanating from Staphylococcus aureus LukAB interaction with host-receptor that result in immune cell death	\$60,990
2017	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$664,588
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$406,869
2017	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$390,142
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI102891	Mechanisms of induction of protective anti-malarial CD8+ T Cells	\$350,000
2017	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$384,253
2017	Trustees Of Columbia University In The City Of New York	NY	K01AI104351	Preventing Childhood Tuberculosis in Lesotho (PREVENT Study)	\$127,788
2017	Trustees Of Columbia University In The City Of New York	NY	T32AI106711	Columbia University Graduate Training Program in Microbiology and Immunology	\$188,125
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	\$364,370
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI116814	Contribution of B cells to human cardiac allograft vasculopathy	\$402,450

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$680,114
2017	CORNELL UNIVERSITY	NY	R01AI118582	How does HIV lead to increased susceptibility to tuberculosis?	\$546,571
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$633,748
2017	UNIVERSITY OF ROCHESTER	NY	R21AI115251	Ribonuclease E a novel new Gram-negative antimicrobial target	\$231,630
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI122264	Adaptive-Innate Immune Crosstalk in TGF-B Control of Peripheral T Cell Tolerance	\$524,247
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI119573	Inhibition of methionine biosynthesis eliminates persistent M. tuberculosis.	\$208,750
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI106501	Epitope optimization for heterologous prime-boost HIV vaccines	\$284,845
2017	Trustees Of Columbia University In The City Of New York	NY	F31AI124661	Epigenetic Regulation of Dendritic Cell Development	\$52,361
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI126102	Control of antiviral immunity by RNA decay	\$254,250
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	\$817,851
2017	CORNELL UNIVERSITY	NY	K22AI116729	Prostaglandin regulation of type 2 inflammation	\$106,380
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI126009	Decay accelerating factor dependent inhibition of T cell immunity	\$211,875
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI125651	KIR and HLA in cis and trans cooperatively shape human NK education	\$428,500
2017	AVATAR MEDICAL LLC	NY	R44AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$749,718
2017	UNIVERSITY OF ROCHESTER	NY	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$390,954
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,467,075
2017	HEALTH RESEARCH, INC.	NY	R21AI118351	Role of M. tuberculosis error-prone DNA polymerase DnaE2 in mutagenesis and drug resistance	\$249,398
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI128517	Novel antitrypanosomal alkaloids for Chagas disease	\$223,900
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113221	Modulating Immunity to Nucleic Acids and Inducing Tolerance by Gene Transfer	\$421,004
2017	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$405,000
2017	ADJUVANCE TECHNOLOGIES INC	NY	R44AI114030	Large Scale Synthesis of the Next Generation Synthetic Saponin Adjuvant TiterQuil	\$756,567
2017	UNIVERSITY OF ROCHESTER	NY	R21AI130500	Single-cycle infectious Zika viruses for the development of a live-attenuated vaccine	\$180,457

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2017	HEALTH RESEARCH, INC.	NY	R01AI132422	Alternative ribosomes and antibiotic tolerance in mycobacteria.	\$389,185
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110703	Quantifying Environmental Variables Affecting Airborne Influenza Transmission	\$394,281
2017	Trustees Of Columbia University In The City Of New York	NY	F32AI120578	Elucidating the complex genetic and molecular basis of Plasmodium falciparum artemisinin resistance.	\$59,719
2017	HEALTH RESEARCH, INC.	NY	R21AI134568	New Use of Old Drugs for Zika Virus	\$235,470
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	F31AI127295	Interplay of host factors that modulate HIV-1 release and replication fitness	\$44,044
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI129851	Mapping the RNA modification N6-methyladenosine during Zika virus infection	\$263,750
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K22AI127847	Mechanisms mediating tissue repair by leukocytes during influenza virus infection	\$161,400
2017	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	SC2AI134947	Novel Lymphocyte Surface Markers for Diagnosing Children Predisposed to Rheumatic Fever	\$156,000
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI116939	Carbapenem-resistant bacterial colonization and infection after liver transplant	\$572,240
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI131339	Development and significance of the plasma cell niche in the human infant thymus	\$482,000
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121436	Roles of DDX5 and its associated long non-coding RNAs in RORgt-mediated host immune system functions	\$536,329
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074878	Innate immunity and inflammation following helminth infection	\$423,750
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$432,133
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI117287	Broad humoral protection induced by influenza B neuraminidase-based immunogens	\$423,750
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$419,353
2017	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$63,099
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,460,275
2017	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$384,479
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$407,822
2017	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$770,747
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$2,080,367
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$334,216

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2017	Trustees Of Columbia University In The City Of New York	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$114,663
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	\$217,685
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$423,750
2017	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	\$1,248,398
2017	ALBANY COLLEGE OF PHARMACY	NY	R15AI107698	Repression of Inflammasome by Francisella tularensis	\$516,131
2017	Trustees Of Columbia University In The City Of New York	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$281,138
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI110067	Characterization of a novel cofactor of the M. tuberculosis proteasome	\$10,900
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$770,156
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$576,342
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI112546	Protective role of V2 antibodies induced at mucosal tissues in macaques	\$736,300
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	\$375,750
2017	RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC	NY	R01AI122300	Use of ARV Drug Levels in DBS to Assess and Manage ART Adherence in South Africa	\$1,077,794
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI124606	Non-Leukocidal Roles of Staphylococcus aureus Bi-component toxins in Pathogenesis	\$40,644
2017	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI123406	Non-canonical mechanisms of translation of viral mRNAs	\$618,497
2017	CUNY, RESEARCH FOUNDATION	NY	R21AI121784	The representative microbiome: social determinants and tools for population research	\$243,750
2017	Trustees Of Columbia University In The City Of New York	NY	R21AI119953	Controllable Rigidity Surfaces for T Cell Mechanobiology	\$196,606
2017	BIOPEPTIDES INC	NY	R44AI102435	Development of a cytokine release assay for the diagnosis of Lyme disease	\$605,367
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI125536	SUMO and ubiquitin modifications in henipavirus matrix trafficking and function	\$433,625
2017	SUNY, BUFFALO	NY	R21AI125918	Regulatory element discovery in Anopheles gambiae	\$236,443
2017	CORNELL UNIVERSITY	NY	R01AI120701	Itk mediated tuning of CD8+ memory T cell development	\$381,468
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	\$423,750
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$490,181
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI127955	Human Ex Vivo Models of Zika Virus Infection	\$252,993

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2017	NOVASTERILIS INC	NY	R44AI120282	Optimization of Supercritical Carbon Dioxide Based Virus Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization	\$608,082
2017	New York Blood Center, Inc.	NY	R21AI131701	Innovative 3-D in vitro culturing systems for filarial worms	\$236,332
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$416,276
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	\$717,363
2017	UNIVERSITY OF ROCHESTER	NY	U01AI131344	Development of Mucosal and Systemic Immunity and Risk of Food Allergy	\$490,338
2017	CUNY, RESEARCH FOUNDATION	NY	UG3AI133675	Following a U.S. National Cohort of Vulnerable Men to Improve HIV Prevention and Care	\$1,203,451
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI127372	Human ISG15 and USP18 Deficiencies Underlying Type I Interferonopathies	\$423,750
2017	POPULATION COUNCIL, INC	NY	R56AI098546	Role of integrin a4b7 in HIV/SIV transmission across cervico-vaginal mucosa	\$952,990
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI119304	Chemical intervention of influenza virus RNA nuclear export	\$500,063
2017	HEALTH RESEARCH, INC.	NY	R21AI133219	In vivo efficacy studies of existing drugs re-purposed for flaviviruses in mouse models	\$238,240
2017	CORNELL UNIVERSITY	NY	R01AI134183	A mechanistic understanding of tuberculosis progression through bacterial reporter strains	\$742,635
2017	IFYBER LLC	NY	R43AI134523	Peptide-based wound dressing for prevention and management of infected wounds	\$215,957
2017	ROCKEFELLER UNIVERSITY	NY	R21AI122093	Control of antiviral innate response by the bromodomain-containing BET proteins	\$254,250
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI100119	Development of lung T cell responses in infant respiratory immunity	\$480,000
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI133598	Dissecting anti-ceramide scFv vascular mitigation of the Radiation GI Syndrome	\$604,800
2017	SUNY, STONY BROOK	NY	R13AI132029	10th International Conference on Cryptococcus and Cryptococcosis	\$6,000
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI123495	Toxoplasma gondii Glycosylation	\$273,625
2017	UNIVERSITY OF ROCHESTER	NY	R21AI128097	Development of Human Broadly Neutralizing Monoclonal Antibodies Against New World Arenaviruses?	\$217,469
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI117873	Modeling Early Immunity to Human Influenza Infection	\$1,671,089
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	UM1AI130570	Mount Sinai's COFAR Clinical Research Unit and Clinical Trial (The "ADVANCE" Trial).	\$235,000
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F32AI124517	The molecular basis of host-microbiota interactions	\$62,046
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$417,500

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2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$653,224
2017	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$383,500
2017	Trustees Of Columbia University In The City Of New York	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$178,562
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$481,456
2017	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,436,591
2017	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$541,179
2017	ROCKEFELLER UNIVERSITY	NY	F32AI116263	Mechanism of lentiviral inhibition by Mx2	\$63,078
2017	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$164,295
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$439,075
2017	ROCKEFELLER UNIVERSITY	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$581,957
2017	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$397,043
2017	ROCKEFELLER UNIVERSITY	NY	F32AI120579	Elucidating the diverse roles of noncoding small RNAs in chikungunya virus infection	\$56,694
2017	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$584,009
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	\$423,750
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$522,142
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI108715	Chemokine regulation of myeloid cell populations during West Nile virus infection	\$352,560
2017	UNIVERSITY OF ROCHESTER	NY	R01AI117787	Targeting IgM Memory to Establish Protective B Cell Responses to HIV	\$807,376
2017	ROCKEFELLER UNIVERSITY	NY	U01AI118536	3BNC117 mAb in HIV-infected subjects on combination ART	\$697,741
2017	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$383,750
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124797	Antibody differentially alters Histoplasma extracellular vesicles	\$242,911
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI124275	Systems Biology of Microbiome-mediated Resilience to Antibiotic-resistant Pathogens	\$1,697,054
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI129244	Development of Pharmacologically Optimized Inhibitors of M. tuberculosis MbtA as Novel Antibiotics	\$44,044

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2017	SUNY, BUFFALO	NY	R21AI125746	Posttranslational modification of the regulatory RNA binding protein, ZFP3	\$199,375
2017	New York University	NY	R21AI126466	Metabolic network reconstruction in Filaria-Wolbachia symbiosis	\$161,084
2017	NEW YORK MEDICAL COLLEGE	NY	R21AI122108	Preclinical Development of a Multivalent Tularemia Vaccine	\$191,350
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$417,500
2017	SUNY, STONY BROOK	NY	R21AI126044	Exploration of the Mycobacterial Cell Envelope Proteome by Protein Labeling in Live Cells	\$198,646
2017	BUFFALO BIOLABS LLC	NY	R43AI126979	A Novel TLR5 Agonist-Based Adjuvant for Poliovirus Vaccine	\$293,169
2017	CORNELL UNIVERSITY	NY	R01AI119122	Exploiting metabolic toxicities to identify compounds that inhibit cholesterol metabolism in M. Tuberculosis	\$387,500
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121996	Intestinal Immune Response in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome	\$240,000
2017	SUNY, STONY BROOK	NY	F30AI112252	Catalytic mechanism of the usher in pilus biogenesis by uropathogenic E. coli	\$49,044
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	\$720,090
2017	ABCOMBI BIOSCIENCES INC	NY	R41AI124851	Therapy for drug resistant influenza strains by nucleic acid targeting of respiratory airways	\$49,900
2017	SUNY, BUFFALO	NY	R21AI128421	A novel DNA damage response that inhibits polyomavirus DNA replication	\$238,062
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI128730	Studying immune development at single-cell resolution by DNA barcoding	\$254,250
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI128090	Engineered Dengue EDIIIs as Broad Immunogens	\$208,750
2017	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI031046	Tolerance to Vascularized Allografts in Miniswine	\$769,503
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$191,015
2017	UNIVERSITY OF ROCHESTER	NY	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	\$192,292
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R03AI122040	Gene Therapy for the Treatment of Hereditary Angioedema	\$84,750
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$439,750
2017	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI130043	Regulation of Nfil3 in innate lymphocyte-mediated host immunity	\$541,694
2017	ROCKEFELLER UNIVERSITY	NY	U01AI129825	3BNC117 and 10-1074 to suppress HIV-1 replication and reduce the reservoir	\$819,850
2017	CORNELL UNIVERSITY	NY	R56AI083932	Genetic and Physiological Constraint on Immunity	\$300,492

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2017	SUNY, BUFFALO	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$373,800
2017	SUNY, BUFFALO	NY	R01AI1131977	Stress Responsive Reprogramming of Translating mRNA Pools in C. neoformans	\$387,215
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123155	The biology of the nuclear export protein in influenza A virus replication	\$422,395
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI127815	Pyruvate Depletion as Adjunctive Therapy for the Treatment of Biofilm-Related Infections	\$292,146
2017	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI129802	Bispecific and Trispecific Anti-Env Antibodies for Eliminating HIV Reservoir Cells	\$930,446
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI133329	Function and Mechanism of Viperin, a radical SAM antiviral protein	\$250,500
2017	JAN BIOTECH, INC.	NY	R44AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$1,000,000
2017	ROCKEFELLER UNIVERSITY	NY	R21AI134041	Host factors in innate immunity and retroelement control	\$254,250
2017	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R15AI133428	The Trypanosoma brucei Epitranscriptome	\$459,223
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI129854	Effect of pregnancy and HIV on the development of tuberculosis	\$192,780
2017	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI133331	Host-Pathogen Interactions From Measurements of Urinary Cell Free DNA in Kidney Transplantation	\$248,708
2017	New York Blood Center, Inc.	NY	R21AI131203	Babesia: Extracellular Vesicles and their Role in Intercellular Communication	\$219,500
2017	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI122673	Multiscale analysis of immune profiling data from dengue and chikungunya virus infections in humans	\$41,244
2017	Trustees Of Columbia University In The City Of New York	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$3,166,671
2017	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI132256	A "Trojan Horse" bispecific antibody strategy for broad filovirus therapeutics	\$1,452,650
2017	CORNELL UNIVERSITY	NY	U01AI131348	Roles for Developmentally Regulated microRNAs in Neonatal Immunity	\$402,251
2017	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$791,912
2017	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121244	Redefining the role of autophagy in bacterial disease	\$556,377
2017	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$12,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$646,404
2017	OHIO STATE UNIVERSITY	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$695,312
2017	OHIO STATE UNIVERSITY	OH	R01AI121124	Infectious Entry Mechanisms of Obligatory Intracellular Pathogen	\$385,000
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI122380	Targeting the IL-10 pathway for an HIV Cure	\$284,963

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI130131	Kruppel-Like Factor 2 Counters Vascular and Immunologic Dysfunction in Child Cerebral Malaria	\$616,909
2017	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI115642	Natural Resistance to Mycobacterium Tuberculosis Infection	\$686,622
2017	OHIO STATE UNIVERSITY	OH	R21AI124687	Stromal IL -6/Jak-STAT Signaling and Pancreatitis	\$192,500
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI127948	Platelet activation by the antimicrobial peptide, human beta defensin-3	\$239,625
2017	OHIO STATE UNIVERSITY	OH	R01AI129582	Elucidate and Modulate Cell Signaling in NK Cells for Glioma Treatment	\$387,500
2017	OHIO UNIVERSITY	OH	R21AI128376	Characterizing the role of PrsB, an intracellular PPIase that is required for activity of secreted virulence factors in Staphylococcus aureus	\$226,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI130033	Role of Aiolos in eosinophilic asthma	\$390,000
2017	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$916,571
2017	Research Institute at Nationwide's Children's Hospital	OH	U01AI131386	High Precision System Analysis of Infant Immune Responses	\$527,677
2017	Research Institute at Nationwide's Children's Hospital	OH	U01AI131313	T Cell Immunity and HCV Infection Outcome	\$275,514
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$322,703
2017	OHIO STATE UNIVERSITY	OH	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$514,990
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	\$1,212,067
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI120204	Role of non-coding RNA in establishing and maintaining HIV latency	\$198,125
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$490,442
2017	OHIO STATE UNIVERSITY	OH	R21AI122981	CRISPR gRNA library screen of the HIV-1 genome	\$231,000
2017	OHIO STATE UNIVERSITY	OH	R01AI123661	A novel lactic acid bacteria-based norovirus vaccine	\$607,519
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124657	Functional immune tolerance to non-inherited maternal antigen	\$390,000
2017	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	\$496,625
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,449,958
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$373,750
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$480,858
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	F31AI118179	A follicular regulatory subset of natural killer cells	\$36,504
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI114581	Metabolic programming in TH17 cell differentiation	\$373,750
2017	OHIO STATE UNIVERSITY	OH	R01AI120209	HIV-1 Nef Interaction with Nef-associated Factor 1 Regulates Viral Latency	\$200,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI123089	Systemic immune modulation by enteric commensal fungi	\$234,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI122132	Human monoclonal antibodies against norovirus.	\$195,000
2017	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$436,500
2017	OHIO STATE UNIVERSITY	OH	R01AI121196	Role of Protein Ubiquitination in Sepsis	\$340,127
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI127252	Defining the lncRNA-mediated cis regulatory networks that control HIV life cycle in T cells	\$198,125
2017	OHIO STATE UNIVERSITY	OH	R21AI129951	Development of plant-derived, resistance-breaking mosquitocides for controlling vectors of Zika virus	\$193,125
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K01AI125413	Metabolomics Evaluation of the Etiology of Pneumonia	\$128,250
2017	OHIO STATE UNIVERSITY	OH	R56AI131248	The Mechanism of tRNA splicing in trypanosomes	\$438,878
2017	GUILD ASSOCIATES INC	OH	R43AI134249	Phage-accelerated test system for ID/AST of urinary tract infections	\$291,129
2017	Research Institute at Nationwide's Children's Hospital	OH	P01AI112524	Live Attenuated RSV Vaccine with Optimized Safety and Immunogenicity	\$1,487,635
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI126890	T cell Immunity and the Outcome of Acute HCV Infection	\$758,458
2017	UNIVERSITY OF CINCINNATI	OH	R01AI123158	ER stress and calcium in host adaptation of A. fumigatus	\$398,958
2017	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$568,411
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$439,113
2017	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$549,499
2017	OHIO STATE UNIVERSITY	OH	R01AI107250	Multifaceted activity of listeriolysin O during host cell invasion by Listeria	\$383,272
2017	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$500,000
2017	OHIO STATE UNIVERSITY	OH	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$445,326
2017	Research Institute at Nationwide's Children's Hospital	OH	K08AI108792	Burkholderia-mediated defective killing mechanisms in macrophages from cystic fibrosis (CF) patients	\$176,504
2017	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,058
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124355	Genetic and Immunological Dissection of Eosinophilic Esophagitis	\$555,000
2017	WRIGHT STATE UNIVERSITY	OH	R01AI114804	TRPM7 and Cellular pH	\$370,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI130830	Gene Regulation as a Foundation for Autoimmune Disease Prevention	\$1,746,391
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128932	Commensal fungi positively calibrate asthma susceptibility	\$195,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI024717	Genetic Linkage in Lupus	\$390,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI125675	ORMDL3 Regulation of Dendritic Cells in Asthma	\$189,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI118774	Effector functions and cellular targets of pathogenic plasmacytoid cells in lupus.	\$396,250
2017	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$288,163
2017	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$1,213,749
2017	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$462,463
2017	UNIVERSITY OF CINCINNATI	OH	R01AI113162	Suppression of IgE-Mediated Disease by Polyclonal Rapid Desensitization	\$483,864
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI117350	Novel unconventional myosins in B cell activation	\$198,125
2017	OHIO STATE UNIVERSITY	OH	R01AI124121	Restoring macrophage function in cystic fibrosis	\$509,733
2017	OHIO STATE UNIVERSITY	OH	R21AI124463	Brd4 interactions with host and viral proteins via the extra-terminal domain	\$188,184
2017	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI127201	Training Program in HIV Cure	\$230,942
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI119385	Impact of prenatal HDM exposure in severely asthmatic mothers on offspring asthma	\$291,262
2017	P2D INC	OH	R43AI127065	Activated protein C peptides for radio-mitigation	\$298,750
2017	OHIO STATE UNIVERSITY	OH	R21AI128418	Development of small molecule mosquitocides for controlling the primary vector of Zika virus, Aedes aegypti	\$255,820
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI124348	Resistance to MTB infection in HIV infected individuals in Uganda and S. Africa	\$2,438,386
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K22AI125466	CYTOKINES SHAPE GLIAL BIOLOGY DURING REPAIR OF THE ADULT CNS	\$162,000
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI121524	Preclinical Study of IL-27-Conditioned Tregs to Treat GvHD	\$237,750
2017	UNIVERSITY OF CINCINNATI	OH	R01AI126818	Dendritic cell KLF2/Notch Axis and Th2 Responses to Eukaryotic Pathogens	\$496,000
2017	OHIO STATE UNIVERSITY	OH	R21AI127354	Novel Epigenetic Modifier Inhibitor Drugs for T cell Modulation in Multiple Sclerosis	\$220,875
2017	WRIGHT STATE UNIVERSITY	OH	R01AI127816	Prevention of adenovirus pathogenesis through downregulation of the apical adenovirus receptor	\$375,000
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116730	Transcriptional regulation by O-GlcNAcylation in T lymphocytes	\$396,250
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$396,250
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$396,250
2017	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$184,876
2017	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,818,041
2017	OHIO STATE UNIVERSITY	OH	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$820,292
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	\$390,000
2017	OHIO STATE UNIVERSITY	OH	R01AI126742	The Mechanics of Retroviral Integration	\$386,250

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2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116709	Asymptomatic Malaria Gametocyte levels in Kenya: An observational survey	\$387,042
2017	OHIO STATE UNIVERSITY	OH	R01AI127863	Clinical and molecular epidemiology of the sexual transmission of Neisseria meningitidis	\$781,292
2017	UNIVERSITY OF CINCINNATI	OH	R13AI134000	International Workshop on Opportunistic Protists (IWOP-14)	\$5,000
2017	CASE WESTERN RESERVE UNIVERSITY	OH	F32AI114109	Connecting the microbiota to peripheral immune quiescence by T cell crosstalk	\$7,483
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI125489	Overcoming pathogen-mediated immune evasion: a translational approach to pediatric Staphylococcus aureus vaccine development - Resubmission 01	\$380,000
2017	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$386,140
2017	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$202,745
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$390,000
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$701,017
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI108972	CD4+ T and B cell mechanisms of influenza vaccine non-responsiveness in older adu	\$646,869
2017	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$131,045
2017	OHIO STATE UNIVERSITY	OH	R01AI116975	Automation and Multi-Site Validation of a Personalized Empiric Antibiotic Advisor	\$385,424
2017	Research Institute at Nationwide's Children's Hospital	OH	R01AI124029	Regulation and Function of Mkp-1 During Sepsis.	\$376,042
2017	Research Institute at Nationwide's Children's Hospital	OH	R21AI122228	The impact of quasi-envelopment on hepatitis virus infection and immunity	\$224,250
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	T32AI118697	Pathogenesis and therapeutic targeting of immune disorders	\$142,103
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128445	Characterization of a novel hematopoietic site	\$234,000
2017	OHIO STATE UNIVERSITY	OH	R01AI130110	Mechanisms of innate resistance to virus infections	\$376,969
2017	UNIVERSITY OF CINCINNATI	OH	R01AI130103	Wimpy antibody isotypes protect against antibody-mediated disease	\$371,842
2017	OHIO STATE UNIVERSITY	OH	R21AI131227	Trypanosoma cruzi cyclophilin 19 induced host inflammation	\$231,875
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$188,977
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI125247	The role of IL-27/Lag3 axis in regulating Foxp3+ regulatory T cell function	\$396,250
2017	UNIVERSITY OF TOLEDO	OH	R01AI121970	Intravital assessment of Borrelia burgdorferi immune clearance in skin	\$376,808
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI135922	ANTIVIRAL MECHANISMS OF 2-5A-DEPENDENT RNASE L	\$415,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI131295	?Resetting immune homeostasis: a non-invasive approach towards HIV eradication	\$2,305,584
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,815,591
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	DP1AI131080	Immunological identity redefined by genetically foreign microchimeric cells	\$1,092,000
2017	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$189,989
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,376,302
2017	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	\$385,381
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI120202	Maternal Regulatory T cell antigen-specificity	\$390,000
2017	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$1,977,369
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI128218	Direct interactions with HDL promote regulatory T cells survival	\$248,945
2017	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$132,677
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Appro	\$163,069
2017	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI106705	Mechanisms of Transmissibility in Prion Diseases	\$1,540,130
2017	OHIO STATE UNIVERSITY	OH	F31AI120868	Mechanism of HIV-1 gRNA-Gag interaction leading to selective genome packaging	\$32,305
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI110156	HIV eradication by ADCC-activated NK cell killing	\$469,422
2017	OHIO STATE UNIVERSITY	OH	R21AI126082	IL-10 as a host modifier of PZA activity	\$192,500
2017	UNIVERSITY OF CINCINNATI	OH	R21AI115003	Shiga toxin activity in human intestinal organoids	\$199,375
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI121330	Environmental influences on urban schistosomiasis transmission and elimination	\$432,217
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI130631	Prevalence of P[6] and P[11] rotaviruses in developing countries	\$188,360
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R56AI130947	Genetics of TB resistance in HIV positive subjects	\$587,669
2017	OHIO UNIVERSITY	OH	R15AI130983	Evasion of serum killing by Neisseria gonorrhoeae using membrane-associated complement inhibitors	\$453,000
2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI132822	Mechanisms of LRBA-mediated control of CTLA4	\$234,000
2017	Research Institute at Nationwide's Children's Hospital	OH	R21AI120013	Calcium dependent mechanisms of neutrophil dysfunction that contribute to cystic fibrosis pathobiology	\$226,650
2017	OHIO STATE UNIVERSITY	OH	R01AI121405	Epigenetic modulation of T cell tolerance in Multiple Sclerosis autoimmunity	\$438,928
2017	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI125202	A multi-tiered approach to develop validated assays to predict efficacy of a tetravalent live attenuated Dengue Virus vaccine in Phase II and Phase III clinical trials	\$1,019,293
2017	OHIO STATE UNIVERSITY	OH	R21AI127582	A Systems Biology Approach for Targeted Drug Discovery for Leishmaniasis	\$195,428
2017	OHIO STATE UNIVERSITY	OH	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$444,072

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2017	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI116668	L-citrulline and anti-tuberculosis host defense	\$390,000
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI129560	The Olive Baboon, a translational model for the study of Zika virus biology and pathogenesis	\$222,000
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,898,581
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI118836	Role of the transcription factor ARID3a in innate immune responses	\$370,000
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$459,405
2017	OKLAHOMA STATE UNIVERSITY CHS	OK	R15AI126360	Taxilin Alpha Regulates DNA-Mediated and Interferon-Dependent Innate Immunity	\$431,815
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$1,944
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI121925	Characterization of a C. difficile Toxin-Encoded Cell Penetrating Peptide	\$228,363
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI126001	Single cell visualization of the V(D)J recombinase complex	\$74,000
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI122693	E protein activity regulates effector lineage differentiation of NKT and ILCs	\$257,250
2017	UNIVERSITY OF OKLAHOMA	OK	R01AI132836	Permeability Barriers of Gram-negative Pathogens and Approaches to Bypass Them	\$518,640
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI134061	50th Annual Meeting of the Society for Leukocyte Biology (SLB). Leukocyte Memory: Health and Disease	\$13,000
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI128137	Nuclear export-dependent functions of RAG2 in the DNA damage response system	\$217,200
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R37AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$522,188
2017	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI126851	Exploring the thymic origin of group 2 innate lymphoid cells	\$544,276
2017	UNIVERSITY OF OKLAHOMA	OK	R33AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	\$446,566
2017	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$418,105
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI125708	Re-directing B cell responses to carbohydrate antigens	\$185,000
2017	OKLAHOMA STATE UNIVERSITY CHS	OK	R21AI128520	A self-limited live RSV vaccine inducing anti- pre-fusion F antibodies	\$174,922
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	\$422,720
2017	OKLAHOMA STATE UNIVERSITY CHS	OK	R21AI121591	MicroRNA-193b regulation of influenza virus replication	\$182,250
2017	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI123951	Identification of Proteins Interacting with ARID3a	\$74,000

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2017	OREGON STATE UNIVERSITY	OR	R21AI124012	Molecular target of a novel broad-spectrum antiviral and antibacterial compound	\$178,510
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI130055	Innate immunity to enteric virus infection by IFN?-stimulated-gene expression	\$385,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129976	Distinct pathways for MR1 antigen presentation upon infection with intracellular versus extracellular pathogens	\$390,733
2017	OREGON STATE UNIVERSITY	OR	R01AI130059	The Role of Ubiquitin and Ubiquitin-Like Molecules in Direct Antigen Presentation	\$354,450
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$498,234
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127125	Impact of retroviral infection on non-classical, mycobacteria-specific T cells.	\$268,590
2017	HEMEX HEALTH INC	OR	R44AI131810	HLS-Highly-Sensitive, One-minute, Portable Diagnostic for Malaria Elimination	\$740,558
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132186	An Advanced Vaccine Candidate To Prevent Zika Virus Infection	\$1,394,457
2017	SEDIA BIOSCIENCES CORPORATION	OR	R44AI114365	Development and Commercialization of an Innovative Rapid HIV-1 Incidence Assay	\$791,483
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI123682	ABC transporters necessary for intracellular survival of L. pneumophila	\$231,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$486,286
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$499,607
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116635	Genetic Pathways of Human Cytomegalovirus Drug Resistance	\$315,000
2017	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$616,230
2017	PORTLAND STATE UNIVERSITY	OR	R15AI126385	Elucidating the evolution of Coxiella to uncover critical metabolic pathways	\$445,500
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U19AI128741	Development of Immunogenicity- and Efficacy-Optimized CMV Vectors for an HIV/AIDS Vaccine	\$2,520,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129801	Using monoclonal antibody Fc variants in strategies to eliminate HIV reservoirs	\$834,876
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI133631	Determining the role of host lipids in Zika virus infection	\$231,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI133671	International Herpesvirus Workshop	\$6,500
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI124225	Defining the role of host lipid repertoire in Mycobacterium tuberculosis infection	\$192,500
2017	VIROGENOMICS BIODEVELOPMENT INC	OR	R42AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$702,706
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$613,423
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$974,775

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2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$437,500
2017	UNIVERSITY OF OREGON	OR	R21AI125804	Mass Spectrometry Analysis of Lipid-Protein Interactions and Structural Heterogeneity in the Anthrax Toxin Pore	\$205,288
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123182	A Cytomegalovirus-based Vaccine Targeting the Pre-erythrocytic Stage of Malaria	\$812,475
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$383,607
2017	OREGON STATE UNIVERSITY	OR	R21AI121752	Chlamydia-induced host protein degradation and its impact on the adaptive immune response.	\$183,750
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117802	A universal MHC-E-restricted T cell vaccine for HIV	\$932,269
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI121160	Function of the Essential KHARON1 Protein in Bloodstream Form African Trypanosomes	\$524,134
2017	PORTLAND STATE UNIVERSITY	OR	R03AI123464	MicroRNA mediated inhibition of apoptosis in Coxiella burnetii infection	\$74,250
2017	NAJIT TECHNOLOGIES INC	OR	R44AI128990	Development of an H2O2-inactivated chikungunya virus vaccine	\$999,652
2017	MABDX INC.	OR	R43AI132041	Novel, Simple and Rapid Point-of-Care Lateral Flow Immunoassays for Diagnosis of Zika Virus Infection	\$300,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI133712	PROBING the DYNAMICS of INFANT IMMUNITY to LIMIT HIV PERSISTENCE	\$816,746
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI127335	Human Cytomegalovirus dysregulation of host hematopoietic progenitor cell signaling pathways to modulate latency, reactivation, and hematopoiesis during transplantation	\$2,000,000
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI124370	Efficacy of Strain 68-1 RhCMV Vectors Expressing 5' Leader Polypeptides	\$856,238
2017	PROVIDENCE PORTLAND MEDICAL CENTER	OR	R21AI126151	Increasing the potency of Listeria monocytogenes-based vaccines by eliminating vaccine-related gamma delta T cell responses.	\$206,250
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127591	Development of Novel Therapeutics for Leishmaniasis	\$242,748
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI129703	A nonhuman primate model of stem cell transplantation to understand determinants of post-transplant SIV clearance	\$851,904
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI123148	Metabolite modulation of Mtb regulators of cell wall biogenesis	\$495,146
2017	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI132404	Regulation of memory T cell trafficking by core 2 O-glycan synthesis	\$382,270
2017	TOMEGAVAX, INC.	OR	R44AI129232	A Cytomegalovirus-based therapeutic vaccine for chronic hepatitis B	\$297,434
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$385,859
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$293,376
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in energy and targets for tolerance	\$420,000

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2017	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	\$465,448
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$230,975
2017	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$630,894
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$477,728
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$464,320
2017	VENATORX PHARMACEUTICALS INC	PA	R44AI122421	Advancement to Clinical Candidate of Novel, Potent and Selective Chikungunya virus inhibitor series	\$1,150,441
2017	UNIVERSITY OF PENNSYLVANIA	PA	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	\$182,073
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$400,000
2017	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	\$1,446,843
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$542,532
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI114266	Restriction of HIV-1 transmission by type 1 interferons	\$597,093
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106026	The role of IL-27 in iv tolerance in EAE	\$387,500
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI111871	HIV-TB Co-infection: Tracking TB emergence after asymptomatic (latent) infection	\$676,755
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$520,730
2017	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$2,951,367
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI111815	The Impact of Pre-existing SIV on Host Immunity to M tuberculosis in Macaques	\$757,751
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121555	Imaging and PK-PD of micafungin at sites of Candida glabrata infection in vivo	\$195,820
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128940	Molecular Mechanisms of Artemisinin Resistance	\$200,000
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$382,802
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI121166	Leukocyte Activation and Migration in Autoimmune Encephalomyelitis	\$402,500
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI125565	Dissecting the role of ApiAP2 proteins in transcriptional regulation during Plasmodium falciparum development	\$382,914
2017	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R21AI119368	Comprehensive functional assesment of the human antibody response to Enterovirus 71	\$200,209
2017	ALLEGHENY SINGER RESEARCH CORP	PA	R21AI126335	Rejuvenate aged adaptive immunity with bioengineered thymus organoids	\$189,470
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$385,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	K23AI121485	Longitudinal analysis of respiratory tract microbiome change and sequence-based infection diagnosis during mechanical ventilation	\$195,696

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2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI119892	Molecular Basis for Activity by Membrane Bound O-Acyltransferases	\$204,792
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI115104	Identifying proteins involved in virus DNA replication	\$252,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$659,718
2017	PENNSYLVANIA STATE UNIVERSITY	PA	U01AI131393	Preferential perinatal thymic programming of skin-homing innate lymphoid cells in early establishment of skin homeostasis	\$383,010
2017	PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE	PA	R03AI128254	Anti-osteogenic functions of lipocalin2, an innate immune protein, during autoimmune arthritis	\$83,950
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI133351	Novel antimicrobial agents to overcome antibiotic resistant Pseudomonas and MRSA respiratory infection	\$538,447
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI132912	Discovery of novel antiparasitics that target a pharmacologically atypical schistosome Transient Receptor Potential (TRP) ion channel	\$241,500
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$478,032
2017	UNIVERSITY OF PENNSYLVANIA	PA	R61AI133696	Epigenetic HIV Silencing in Macrophages	\$886,903
2017	HEPATITIS B FOUNDATION	PA	R13AI131590	2017 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$6,250
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI128111	Role of miRNAs in toll-like receptor-mediated autoimmune B cell response and lupus-like autoimmunity	\$229,837
2017	ACCEL DIAGNOSTICS LLC	PA	R43AI125013	I-Corps Program for A rapid instrument-free diagnostic assay for the early detection and quantification of sepsis biomarkers in blood.	\$49,046
2017	DREXEL UNIVERSITY	PA	R21AI129539	Molecular Components of Plasmodium Secretory Organelles	\$234,750
2017	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$3,839,379
2017	INSTITUTE FOR CANCER RESEARCH	PA	R01AI135025	Mechanism, Function, and Exploitation of Influenza A Virus-Activated Cell Death	\$565,577
2017	UNIVERSITY OF PITTSBURGH	PA	K22AI123366	Mechanisms of NLRC4 inflammasome-associated hyperinflammation	\$162,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125265	Resident Memory T cells in Leishmaniasis	\$402,500
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118691	Mechanistic studies of BlyS-mediated modulation in HIV-1 Env-specific antibody responses	\$686,632
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI122640	Molecular studies of VZV infection, latency and reactivation in human neurons in-vitro	\$457,887
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$145,146
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$417,207
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI122749	Antiviral immunity in the gut: how the intestinal epithelium and microbiota regulate infection	\$394,288

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2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112456	Non-CD4 tropic SIV: Enhancing CD4 T-cell help in antiviral immune responses	\$808,787
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104878	Watching Conformational Rearrangements in Poliovirus RNA-Dependent RNA Polymerase	\$370,906
2017	UNIVERSITY OF PENNSYLVANIA	PA	R33AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$460,951
2017	INSTITUTE FOR CANCER RESEARCH	PA	R01AI113320	Mechanisms regulating the B lymphopoiesis fetal/adult switch	\$457,500
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI119346	Animal Model for Testing SIV Latency Reversal Strategies	\$725,089
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI124386	Mechanisms of GM-CSF effect in CNS autoimmune demyelination	\$390,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI126845	Negative Regulation of Mast Cell Activation by PIK3IP1	\$191,642
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121822	Role of estrous cycle and contraceptives in anogenital papillomavirus infection	\$193,375
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI122369	Hepatocyte xenografts for treatment of acute liver failure	\$998,829
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI123934	Transcriptomes and Proteomes of Plasmodium Vivax	\$169,726
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125814	E. coli niche expansion and adaptation in the dysbiotic intestine	\$201,250
2017	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114475	Rapid and highly sensitive influenza detection with RNA FISH	\$30,917
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI127832	Mechanism for virus persistence after acute infections	\$241,500
2017	THOMAS JEFFERSON UNIVERSITY	PA	R21AI130496	Role of proinflammatory tRNA-derived RNAs in asthma	\$234,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI114674	The Consequences of Reinfection with M. tuberculosis	\$736,682
2017	UNIVERSITY OF PENNSYLVANIA	PA	R13AI131505	21st Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$5,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$385,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$346,611
2017	UNIVERSITY OF PITTSBURGH	PA	K08AI114883	Casposfungin pharmacokinetics-pharmacodynamics during intra-ardbominal candidiasis	\$180,438
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI128918	Potential for mosquitoes in the United States to transmit Zika virus	\$235,800
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI133318	Understanding the Biosynthesis of the 2,4-Dimethylindolic Acid Moiety in the Thiopeptide Antibiotic Nosiheptide	\$189,000
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI128201	Gene delivery for Anopheles mosquitoes	\$382,238
2017	THOMAS JEFFERSON UNIVERSITY	PA	R21AI127293	Exosomes as an early line of defense against HIV-1 infection	\$234,000
2017	LIGNAMED, LLC	PA	R41AI132012	Effects of LGM2605 on a Primate Model of Asthma	\$277,792

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2017	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R43AI133620	Topical Drug Treatment of Cutaneous Leishmaniasis	\$214,174
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI131983	Pharmacoenhancers for antiretroviral therapy: safety and future development	\$380,472
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI134384	Tuning big data analysis infrastructure for HIV research	\$716,247
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI132758	Mechanisms and promotion of immune regulation by CD4+ regulatory T cells within allografts	\$380,640
2017	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131338	Immunological Strategies to Modulate SIV Rebound Following ART Interruption	\$1,650,523
2017	UNIVERSITY OF PITTSBURGH	PA	F31AI129381	The role of ToxR signal transduction in Vibrio cholerae pathogenesis	\$40,164
2017	UNIVERSITY OF PITTSBURGH	PA	K08AI127933	Mechanism and Consequences of Temporal Gene Expression for SOS-induced Mutagenesis	\$188,892
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI131763	Programming Dendritic Cells to Expose the Persistent HIV-1 Latent Reservoir for Immune Targeting	\$233,376
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$141,401
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125990	Exploring viral infection with single cell transcriptomics	\$202,734
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128059	Multiplexed point-of-care molecular detection for multiple infections in co-endemic settings	\$241,500
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI127798	Sexual Development of Cryptosporidium	\$195,000
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$186,408
2017	DREXEL UNIVERSITY	PA	K22AI127702	Nonconventional mitochondrial ribosomes of malaria parasites	\$162,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120489	ROS responses during Vibrio cholerae infection	\$481,199
2017	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$1,262,650
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$391,748
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI125338	PPAR-delta as a Novel Therapeutic Target in Asthma	\$535,716
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI118896	Differential modulation of RIG-I and cGAS signaling by OASL and its role in antiviral response.	\$450,513
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$429,090
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$393,590
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$282,433
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$247,373
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118861	Innate immune-mediated control of pulmonary Legionella pneumophila infection	\$400,000
2017	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$980,944
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$400,000

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2017	ACTUATED MEDICAL INC	PA	R44AI080335	Portable Transdermal Acoustic Patch for Delivery of Large Molecules to Improve HIV Patient Medication Regime Compliance by Elimination of Side-Effects, Including Injection Site Reactions	\$689,265
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$418,750
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$632,721
2017	WISTAR INSTITUTE	PA	U01AI110434	Towards Eradication: Reducing Proviral HIV DNA with Interferon-? Immunotherapy	\$1,713,149
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI110410	Dipyridamole as a Modulator of HIV-1 Inflammation by Adenosine Regulation	\$652,643
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI107825	Negative Control of IL-17R Signaling: Implications for Fungal Immunity	\$382,423
2017	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	\$49,044
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$388,691
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI114515	Mechanisms of ubiquitin pathway activation and function	\$420,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI114587	In Vivo Detection And Mechanisms Of Regulatory B Cell Function In Transplantation	\$377,440
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120821	Rapid Immune Restoration and Lung Injury in HIV/TB	\$618,851
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$487,208
2017	UNIVERSITY OF PENNSYLVANIA	PA	F32AI124518	Exploring TrpB in the pathogenesis of cryptosporidiosis	\$59,166
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119069	Targeting RIP1-mediated pathways for immune homeostasis and tolerance	\$390,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI122071	The Effects of Nitrate/Nitrite and Conjugated Linoleic Acid Supplementation on the Obese Asthmatic Pathology	\$233,063
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125563	Impact of early T-bet on CD8 T cell effector responses	\$402,500
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI129531	Discovering host factors impacting ZIKV infection via forward genetic screens	\$235,388
2017	PROGENRA INC	PA	R44AI109980	Ubiquitin pathway inhibitors for treatment of asthma	\$757,044
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127389	Migration and function of cutaneous B cells	\$312,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI126440	TLR4 shapes BM HSCs and lymphopoiesis	\$192,496
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118891	Viral Modulation of Epigenetic Mechanisms	\$483,000
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI132828	Modulation of T cell priming by dendritic cell stiffness	\$252,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI116855	Comparative and functional genomics of Toxoplasma and Hammondia hammondi	\$357,348
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI132967	Uncoating of the Herpes Simplex Virus Genome	\$194,219
2017	DREXEL UNIVERSITY	PA	R21AI133372	Injectable Biomaterial Scaffold for Inducing Antigen-Specific Tolerance	\$234,750

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2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130692	Ribozyme Guided CRISPRi in Human- and Rodent-Infectious Plasmodium species	\$216,631
2017	TEMPLE UNIVERSITY	PA	R21AI132996	Immune recognition of amyloid/extracellular DNA complexes	\$234,000
2017	UNIVERSITY OF PITTSBURGH	PA	U19AI131453	Regulatory immune cell therapy, promotion of tolerance and underlying mechanisms in NHP renal transplantation	\$1,460,240
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI128338	Chromosomal and plasmid contributions to colistin resistance and virulence in KPC-producing Klebsiella pneumoniae	\$247,804
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI133379	Dissecting RNA Regulation During Malaria Parasite Sexual Development	\$191,119
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI127472	Enhanced Detection System for Healthcare-Associated Transmission of Infection	\$725,048
2017	UNIVERSITY OF PITTSBURGH	PA	F30AI122563	Mechanisms of noncytolytic reovirus egress	\$28,714
2017	UNIVERSITY OF PENNSYLVANIA	PA	F30AI129263	The Role of Tox in Regulating T Cell Exhaustion	\$49,044
2017	UNIVERSITY OF PENNSYLVANIA	PA	U01AI125940	Trefoil factor proteins regulate inflammation and immunity	\$470,585
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124182	Role of a novel human mast cell G protein coupled receptor in Allergy and Inflammation	\$402,500
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI132353	Cationic Bolaamphiphiles (CAB) and Phosphorothioate Gappers as Antisense Therapy for C. difficile	\$236,836
2017	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$1,491,683
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$355,022
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$463,259
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$447,942
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$506,425
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$380,258
2017	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$485,771
2017	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,921,458
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$400,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$398,092
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$410,003
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$831,383
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	\$348,486
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$387,500

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2017	PHELIX THERAPEUTICS LLC	PA	R44AI118063	CATHEPSIN L INHIBITORS AS PAN-CORONAVIRUS THERAPEUTICS	\$1,440,811
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI110793	Influence of temperature on malaria transmission and prospective vector control	\$489,575
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$381,220
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$975,370
2017	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI120249	Film Antiretroviral Microbicide Evaluation	\$3,662,725
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$564,578
2017	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI123392	Induction of allogeneic tolerance with bioengineered thymus organoids	\$370,336
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121015	Virulence mechanisms in the emerging pathogen <i>Kingella kingae</i>	\$420,000
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI107121	Mechanisms of Enterovirus Entry	\$394,310
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI127670	Regulation of Hepatitis B Virus Capsid Assembly	\$378,480
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI128082	Exploitation of mycobacteriophage-encoded partitioning cassettes	\$231,938
2017	UNIVERSITY OF PENNSYLVANIA	PA	F31AI126673	Investigating MERS-CoV NS4b as a modulator of the host antiviral response in the nucleus	\$44,044
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI133261	CD27:CD70 signaling in hematopoietic stem cell formation	\$207,775
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121250	IL-33 Blockade as a Novel Therapeutic for T-cell Mediated Hypercytokinemia Syndromes	\$598,527
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI114907	Mycoplasma genitalium, differentiated Ureaplasma species, and pregnancy outcomes	\$166,684
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$400,000
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$274,277
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$377,067
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$380,593
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	\$361,511
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	\$554,318
2017	DREXEL UNIVERSITY	PA	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$546,312
2017	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$1,770,607
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI116276	Visualization of in vivo HIV-1 vaginal transmission in the presence and absence of PrEP	\$553,221
2017	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$511,927

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$652,463
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117135	Genetic determinants of systemic host-adapted Salmonella	\$201,250
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI123611	Regulation of cellular functions by two human Polyomaviruses	\$192,500
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI117644	T-cell clonotypes in BK virus infection complicated by acute rejection	\$193,045
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121744	MicroRNA regulation of Natural Killer T Cell differentiation and activation	\$231,401
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI126042	Utilizing BATF3-dependent DC to generate vaccine-induced cell mediated immunity	\$201,250
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI127677	Development of a Novel, Sensitive ZIKV-Specific Serodiagnostic Assay Utilizing Biologically Inspired Synthetic Molecules	\$703,978
2017	WISTAR INSTITUTE	PA	R21AI129636	Role of Host Glycosylation in the Galectin-9-Mediated Reversal of HIV Latency	\$282,900
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123243	Defining human noncanonical inflammasome responses to Legionella pneumophila	\$402,500
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI130010	Diversity of TFH cells and DSA generation after kidney transplantation	\$689,885
2017	UNIVERSITY OF PITTSBURGH	PA	R03AI131049	Novel mouse models for studying Tim-3 signaling	\$77,113
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124429	Nucleoside modified mRNA based HIV vaccine	\$842,141
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI133536	Interferon-independent STAT1-mediated protective antiviral immunity	\$193,375
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI129661	Optimization HIV Inhibition by Allosteric Integrase Inhibitors	\$434,303
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI125050	Cadaveric Donor Lung and Bone Marrow Transplantation in Immunodeficiency Diseases	\$967,370
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128569	Regenerative therapy for lung infection by S. pneumoniae	\$255,815
2017	UNIVERSITY OF PITTSBURGH	PA	R13AI131504	2017 International Congress of Virology (ICV)	\$5,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125524	Splicing and Nuclear Transport of Influenza Virus mRNA	\$517,918
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI127823	Drug discovery against lyssaviruses by high throughput screening	\$398,375
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$373,205
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI123272	Development of a single-dose rabies virus vaccine	\$448,421
2017	UNIVERSITY OF PITTSBURGH	PA	P01AI106684	Immune Airway-Epithelial Interactions in Steroid-Refractory Severe Asthma	\$1,534,851
2017	UNIVERSITY OF PENNSYLVANIA	PA	F31AI124538	Long noncoding RNAs in innate lymphoid cell biology	\$44,044

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2017	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI122301	Development of a urine-based point-of-care test for adherence to antiretroviral drugs	\$399,090
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120810	Studies of the precursor of the human AIDS virus in its natural chimpanzee host	\$672,633
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$400,000
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI130156	Analysis of the mechanism of HCMV cytoplasmic envelopment	\$373,616
2017	VENATORX PHARMACEUTICALS INC	PA	R44AI109879	Advancement to IND of novel BLI for pairing with cefixime	\$1,000,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$440,240
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$219,542
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$410,155
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$400,000
2017	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$22,620,737
2017	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$1,215,815
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$385,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	\$133,758
2017	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$4,599,130
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI111789	Harnessing type 1 IFN-stimulated antiviral mechanisms for HIV vaccine design	\$198,368
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113543	Origins of serum IgA antibodies	\$400,000
2017	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$185,004
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI116983	Molecular mechanisms used by Chlamydia trachomatis to manipulate membrane fusion	\$429,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$380,950
2017	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$453,613
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120011	A FAST Assay to Quantify HIV Reservoirs	\$573,677
2017	UNIVERSITY OF PITTSBURGH	PA	R03AI122067	The Effects of M. tuberculosis Infection on Lung Microbiome in Macaques	\$77,968
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	\$8,191
2017	TEMPLE UNIVERSITY	PA	R21AI119947	Bacterial amyloids break tolerance in lupus	\$195,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124057	Identifying Rare Subtypes of CD8 T-cells Using Single Cell Reactors	\$274,562
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI119117	The "Kick" Revisited in the "Kick and Kill" Strategy	\$186,189

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2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121876	The Toponome of Virus Infected Skin	\$232,050
2017	VENATORX PHARMACEUTICALS INC	PA	R43AI124925	Discovery of inhibitors of BK polyomavirus	\$343,497
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125924	Dissecting the mechanism of RIPK1 kinase-dependent cell death in control of Yersinia infection	\$208,581
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123538	Role of Stx11 and STXBP2 in lytic granule exocytosis in health and disease	\$435,760
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125284	Regulation of T cell responses to oral antigens	\$402,500
2017	L.E.A.F. THERAPEUTICS, LLC	PA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$417,515
2017	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$194,318
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123241	Class IIa HDAC and MEF2 Targeting to Promote Foxp3 + Treg Cell Functions	\$420,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI132909	T cell responses during eastern equine encephalitis virus infection	\$231,955
2017	UNIVERSITY OF PITTSBURGH	PA	R56AI130034	Inflammatory B Cells Defined by TIM-4 in the Alloimmune Response	\$371,457
2017	DREXEL UNIVERSITY	PA	U19AI128910	Integrative Omics of HepB Vaccine Response in Co-Infection with Parasites	\$800,000
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI131285	Comparison of Dendritic Cell-Based Therapeutic Vaccine Strategies for HIV Functional Cure	\$1,065,423
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI133998	Plasma Cell Priming	\$241,500
2017	TEMPLE UNIVERSITY	PA	R01AI125111	Interleukin-36 cytokines in antiviral immune responses	\$489,999
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI130115	Treating chronic viral infection by epigenetic reprogramming of exhausted CD8 T cells	\$550,512
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$1,512
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$400,000
2017	THOMAS JEFFERSON UNIVERSITY	PA	F32AI129352	The role of skin-derived, migratory dendritic cells in ectromelia-infected mice	\$57,066
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI116575	Analyzing Adult Pneumococcal Vaccination Implementation in the Underserved	\$309,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI128060	Regulation of group 1 ILCs by a novel lncRNA	\$241,500
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$189,470
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI043603	Murine Memory B Cell Development and Function	\$605,737
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B cells in the pathogenesis of allograft rejection	\$386,250
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$1,133,663
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin resistance in extensively drug-resistant Gram-negative pathogens	\$379,060
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105343	Cellular and transcriptional control of exhausted CD8 T cells lineage dynamics	\$400,000
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104946	Puf-Mediated Translation Control in Plasmodium	\$367,520
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$400,000

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2017	WISTAR INSTITUTE	PA	U19AI109646	Synthetic DNA & Novel Env Vaccine for HIV	\$3,337,497
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI118887	Reovirus Attachment Mechanisms	\$414,444
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI120560	Single-Cell Virology	\$471,495
2017	UNIVERSITY OF PENNSYLVANIA	PA	R33AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$463,011
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124868	Risk of Liver Complications with HBV and HIV Viremia During Tenofovir-Based ART	\$244,615
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI124241	Transcription elongation in B cell differentiation	\$232,500
2017	UNIVERSITY OF PITTSBURGH	PA	F31AI126632	Elucidating the Role of the FACT Complex in the HSV-1 Life Cycle	\$44,044
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI126157	Microbiome and host response signatures for pneumonia among lung transplant recipients	\$251,276
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI127066	Host and Pathogen Diversity in Mtb and SIV Infection	\$241,843
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI121180	Stem cell-derived regulatory T cells for therapeutic use in arthritis	\$384,529
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI126351	Integration of Enteric Immune and Nervous Systems in the Mucosal Recall Immune Response	\$184,375
2017	UNIVERSITY OF PENNSYLVANIA	PA	T32AI118684	Combined Adult and Pediatric Infectious Disease Postdoctoral Training Grant	\$216,703
2017	UNIVERSITY OF PITTSBURGH	PA	R37AI118841	Investigating How TLR7 Activates and TLR9 Regulates Systemic Autoimmunity	\$385,363
2017	THOMAS JEFFERSON UNIVERSITY	PA	R01AI125650	The Role of the De-condensed Structure of Nascent Chromatin During T Cell Differentiation	\$530,358
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121383	Early life antibiotics, gut microbiome development, and risk of childhood obesity	\$733,455
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$361,216
2017	UNIVERSITY OF PENNSYLVANIA	PA	U19AI131130	Engineering a human brain organoid-based platform to study neurotropic viruses	\$1,624,758
2017	MILTON S HERSHEY MEDICAL CENTER	PA	F31AI122608	B-cell intrinsic Type 1 and Type 2 interferon signaling in regulating spontaneous germinal centers and autoimmunity	\$37,644
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125799	Function of ToxR at high cell density	\$223,508
2017	DREXEL UNIVERSITY	PA	R21AI132997	Identification of a novel resistance gene for demyelinating disease	\$234,750
2017	UNIVERSITY OF PITTSBURGH	PA	P01AI108545	Synergies among inhibitory receptors in tolerance, cancer and antiviral immunity	\$2,170,094
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI130676	Genomic analysis of HSV-1 in the niche of genital infection	\$242,185
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123341	Mechanisms Governing Translational Regulation During Plasmodium Transmission	\$386,641
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI118777	Regulation of Liver DC Function and Transplant Tolerance	\$456,028

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2017	BUCKNELL UNIVERSITY	PA	R21AI117392	Transcriptomics of immunity and disease in African Fruit Bats- important zoonotic reservoirs	\$220,229
2017	DREXEL UNIVERSITY	PA	R21AI121821	Polymorphism: Antifungal Drug Resistance & Adaptation in Candida	\$195,625
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123173	Physiological roles of schistosome TRP ion channels with atypical pharmacology	\$402,500
2017	WISTAR INSTITUTE	PA	UM1AI126620	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	\$4,589,035
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI134879	Defining the impact of pre-existing memory T cells in human immunity	\$554,629
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI136664	Statistical Models for Estimating and Projecting HIV/AIDS Epidemics	\$781,639
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI130231	Topological Control of Antigen Receptor Loci during Lymphocyte Development	\$817,855
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI130180	Pre-clinical evaluation of a Zika virus vaccine	\$193,332
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI128325	Role of stem cell-derived T lymphocytes in chronic HBV infection	\$232,950
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI018289	Functions of HSV glycoproteins in virus entry and the humoral immune response	\$400,000
2017	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$4,283,706
2017	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$2,946,696
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$383,380
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI123747	Mechanisms and implications of fosfomycin resistance in Escherichia coli	\$191,000
2017	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$228,530
2017	PENNSYLVANIA STATE UNIVERSITY	PA	F32AI124507	Characterizing the gametocyte metabolome of the human malaria parasite Plasmodium falciparum	\$59,166
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$713,295
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI110328	Viral Long Noncoding RNA Functions in Epstein-Barr Virus Infection	\$378,130
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112427	Genetic Analysis of Cryptosporidium	\$345,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI106842	Protective and Pathologic Roles for CD8+ T cells in Leishmaniasis	\$400,000
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$546,128
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI118195	PET Probes Targeting Immune Cells for Imaging Tuberculosis	\$707,272
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$420,000
2017	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI104844	Therapeutic targeting of malarial placental cytoadherence	\$485,191

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2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118549	Targeting 5' leader-encoded defective ribosomal products for HIV T cell vaccines	\$716,155
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI116794	Biomedical Computing and Informatics Strategies for Infectious Disease Research	\$536,755
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI124676	Dissecting the role of the ATF4 stress response in T cell-mediated inflammation	\$232,500
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123521	Regulation of B cells by Selenium	\$393,000
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI125796	Pathogenic Contributions of Clostridium perfringens NanI Sialidase	\$212,107
2017	TEMPLE UNIVERSITY	PA	R21AI122035	Role of Nuclear Lamina in the epigenetic regulation of Epstein-Barr Virus Infection	\$195,000
2017	TEMPLE UNIVERSITY	PA	R21AI126133	Inflammasome activation by Salmonella typhimurium biofilms	\$195,000
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$740,822
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI128991	IL-17 Isoforms in Organ Specific Autoimmunity	\$188,994
2017	THOMAS JEFFERSON UNIVERSITY	PA	R21AI128175	Toward an Pan-lyssavirus vaccine	\$195,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124084	Expression of X-linked autoimmunity genes in B cells during female-biased autoimmunity	\$241,500
2017	DREXEL UNIVERSITY	PA	R01AI114292	Multivalent chimeric subunit malaria vaccines	\$493,521
2017	UNIVERSITY OF PITTSBURGH	PA	R21AI121981	Countering the pro-inflammatory attributes of IL-33 during hematopoietic cell transplantation for tolerance induction	\$190,875
2017	UNIVERSITY OF PITTSBURGH	PA	K22AI108600	Visualizing Influenza Viral RNA Packaging	\$107,787
2017	UNIVERSITY OF PENNSYLVANIA	PA	P01AI131251	SHIV/HIV Env-Antibody Coevolution as a Guide to Iterative Vaccine Design	\$3,342,300
2017	VENATORX PHARMACEUTICALS INC	PA	R43AI129009	Discovery of inhibitors of Zika virus	\$299,999
2017	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI125005	DEVELOPMENT OF TOPICAL ANTIVIRAL AGENTS FOR TREATING MOLLUSCUM CONTAGIOSUM	\$1,002,225
2017	DREXEL UNIVERSITY	PA	R01AI128815	Bifunctional Chimeras Targeting Both HIV-1 Env and Host Cell Co-receptors	\$200,000
2017	DREXEL UNIVERSITY	PA	R01AI132508	Molecular Pathways Affected by Drugs that Disrupt Na + Homeostasis in Malaria Parasites	\$588,304
2017	THOMAS JEFFERSON UNIVERSITY	PA	R21AI133075	Effect of IL-7 on B cell development and function in humanized mice	\$234,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123539	Epigenetic imprinting of follicular helper T cell fate and function in lupus	\$733,432
2017	LIPELLA PHARMACEUTICALS INC	PA	R43AI134529	Rapid Point-of-Care Diagnostic Kit for Mosquito Borne Diseases in Urine	\$210,558
2017	UNIVERSITY OF PITTSBURGH	PA	R01AI134195	Influence of SIV replication on TB progression and immunity	\$888,791
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI128530	Defining the non-apoptotic role of Caspase-8 activity in anti-bacterial immune defense	\$407,423

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2017	UNIVERSITY OF PITTSBURGH	PA	R01AI038296	Molecular Basis of Reovirus Pathogenesis	\$444,621
2017	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI121880	Mechanistic studies of M and NP interactions of paramyxoviruses	\$235,800
2017	TEMPLE UNIVERSITY	PA	R56AI125429	Bacterial amyloids: interactions with DNA and pathogenicity	\$557,293
2017	UNIVERSITY OF PITTSBURGH	PA	R56AI126995	Role of macrophage activation in HBV/HIV co-infection-induced liver disease	\$387,813
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI117410	Complement dysregulation and atypical hemolytic uremic syndrome	\$400,000
2017	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$420,000
2017	UNIVERSITY OF PENNSYLVANIA	PA	R01AI131331	bNAb induction by antigenically diverse V1V2 lineage specific SHIVs and SOSIPs	\$796,855
2017	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$1,969,960
2017	UNIVERSITY OF PUERTO RICO	PR	R01AI122935	Optimization of HIV glycoproteins as vaccine candidates	\$1,345,369
2017	BROWN UNIVERSITY	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$615,944
2017	BROWN UNIVERSITY	RI	R21AI122011	Development of Quantitative Genetics Approaches in Candida albicans	\$196,975
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131575	2017 Tuberculosis Drug Discovery and Development Gordon Research Conference and Gordon Research Seminar	\$8,000
2017	RHODE ISLAND HOSPITAL	RI	R34AI132000	Praziquantel for children under four: A Phase II PK/PD driven dose finding trial	\$205,387
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131411	2017 Microbial Adhesion & Signal Transduction Gordon Research Conference & Gordon Research Seminar	\$6,500
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129380	2017 Neuroimmune Communication in Health and Disease Gordon Research Conference	\$9,000
2017	BROWN UNIVERSITY	RI	F31AI124556	The non-classical CD8+ T cell response to murine cytomegalovirus	\$44,044
2017	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$158,290
2017	RHODE ISLAND HOSPITAL	RI	K24AI119158	Midcareer Investigator Award in Patient-Oriented Research	\$177,221
2017	UNIVERSITY OF RHODE ISLAND	RI	R03AI124092	Comparative genomics of a unique mutualistic apicomplexan	\$72,557
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131591	2017 Calcium Signaling in Health and Disease Gordon Research Conference & Gordon Research Seminar	\$7,000
2017	GORDON RESEARCH CONFERENCES	RI	R13AI133660	2017 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conference and Gordon Research Seminar	\$5,000

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2017	BROWN UNIVERSITY	RI	R01AI127699	Tfh responses to novel vaccine candidates and protection from pediatric falciparum malaria	\$724,615
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131540	2017 Staphylococcal Diseases Gordon Research Conference and Gordon Research Seminar	\$6,500
2017	BROWN UNIVERSITY	RI	R01AI108441	Optimizing HIV Treatment Monitoring under Resource Constraints	\$695,576
2017	BROWN UNIVERSITY	RI	R21AI118393	Conditional Economic Incentives for Improving Adolescent Adherence to HIV Treatment	\$216,477
2017	EPIVAX, INC	RI	R01AI132205	Structure-Guided Design of CD4 T cell Memory-Enhanced rHA H7N9 Influenza Vaccine	\$1,221,150
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131448	2017 Phagocytes Gordon Research Conference and Gordon Research Seminar	\$9,000
2017	GORDON RESEARCH CONFERENCES	RI	R13AI131445	2017 Angiogenesis Gordon Research Conference & Gordon Research Seminar	\$10,000
2017	RHODE ISLAND HOSPITAL	RI	R03AI130526	A murine model of Pseudomonas aeruginosa pneumonia secondary to hemorrhagic shock	\$80,500
2017	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$839,426
2017	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$406,250
2017	EPIVAX, INC	RI	R43AI118189	Development of a Non-adjuvanted VLP Vaccine against Stealth H7N9 Influenza	\$290,546
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129379	2017 Physical Virology Gordon Research Conference and Gordon Research Seminar	\$6,000
2017	RHODE ISLAND HOSPITAL	RI	R01AI116639	Hepatitis B virus vaccine escape mutants	\$362,250
2017	RHODE ISLAND HOSPITAL	RI	R01AI116629	Use of Biomimicry to Determine the Effect of Sepsis on Neutrophil Traction	\$408,754
2017	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$430,927
2017	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$8,000
2017	BROWN UNIVERSITY	RI	R01AI112953	The role of polo-like kinase in the duplication of the trypanosome cytoskeleton	\$400,761
2017	GORDON RESEARCH CONFERENCES	RI	R13AI133766	2017 Microbial Population Biology Gordon Research Conference & Gordon Research Seminar	\$5,000
2017	GORDON RESEARCH CONFERENCES	RI	R13AI134001	2017 Malaria Gordon Research Conference & Gordon Research Seminar	\$7,500
2017	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$165,996
2017	BROWN UNIVERSITY	RI	R01AI122217	Regulation of MCMV Persistence by Natural Killer Cells	\$454,148
2017	GORDON RESEARCH CONFERENCES	RI	R13AI129344	2017 Viruses and Cells Gordon Research Conference and Gordon Research Seminar	\$7,500

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2017	RHODE ISLAND HOSPITAL	RI	R03AI132801	Evaluation of Management Strategies for Maximizing Supportive Care for Patients with Ebola Virus Disease	\$103,407
2017	BROWN UNIVERSITY	RI	R01AI123400	Studies of the antibacterial activity of and resistance to molecules targeting the ClpP peptidase	\$671,303
2017	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,249,648
2017	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$130,109
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K08AI121348	Elucidating Mechanisms of Treatment Relapse for Interferon-Free HCV Therapy	\$199,314
2017	NUBAD LLC	SC	R41AI126874	Aminoglycosides with reduced ototoxicity	\$300,000
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K23AI125607	Asymptomatic Colonization and Transmission of Clostridium difficile in Solid Organ Transplant Patients	\$200,372
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI107123	Biogenesis of the Poxvirus Membrane	\$373,750
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI122919	Mechanisms of the effect of HIV disclosure on clinical outcomes: A longitudinal study	\$156,935
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI128864	On the pathogenic role of anti-CD4 antibody in poor CD4+ T cell recovery after antiretroviral therapy in HIV disease	\$200,000
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI132894	Graft-targeted anti-complement therapy to reduce cardiac graft injury and allograft vasculopathy	\$373,750
2017	CLEMSON UNIVERSITY	SC	R13AI129383	The Cell Biology of Eukaryotic Pathogens Symposium	\$5,000
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI120987	Metallopolymer and Antibiotic Bioconjugates against Multidrug Resistant Bacteria	\$361,600
2017	CLEMSON UNIVERSITY	SC	R21AI127575	Identification of kinetoplastid parasite glucose uptake and subcellular localization inhibitors as therapeutic leads	\$184,138
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125859	Extrinsic and intrinsic factors regulating commensal-specific T helper-17 cells	\$512,561
2017	NUBAD LLC	SC	R41AI120303	Screening the Ribosome for New Target Sites	\$325,000
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI133798	Contribution of Gut Symbiotic Bacteria to Autoimmunity	\$224,250
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI129788	Epigenetic Mechanisms of T Cell Dysregulation in PTSD	\$483,807
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	T32AI132164	Program in Immunology Research and Entrepreneurship (PIRE)	\$127,756
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI127203	Big Data analytics of HIV treatment gaps in South Carolina: Identification and prediction	\$655,554
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI077283	Molecular chaperones and immune tolerance	\$373,750
2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI118305	MicroRNA Regulates Graft-versus-Host Disease	\$371,988

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2017	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI123803	Impact of envelope proteins on poxviral pathogenesis	\$224,250
2017	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI123947	AhR ligands in epigenetic dysregulation of T cells	\$333,750
2017	SAB BIOTHERAPEUTICS, INC.	SD	R44AI117976	Production of therapeutic human polyclonal antibodies against influenza viruses	\$670,476
2017	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI128558	ZIKA virus assembly inhibitors	\$179,239
2017	UNIVERSITY OF SOUTH DAKOTA	SD	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$350,887
2017	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	\$362,500
2017	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI115087	Immunotherapeutic Intervention of Influenza-S. pyogenes coinfections	\$220,500
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$151,509
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$256,135
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$236,575
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI122516	Defining the molecular link between zinc deficiency and pneumonia	\$58,466
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI107052	Two-component system interactions as uropathogenic Escherichia coli drug targets	\$394,304
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$455,432
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI114262	The Role of Group 2 Innate Lymphoid Cells in RSV-Induced Airway Dysfunction	\$42,597
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$395,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI113107	Host-pathogen interactions during osteomyelitis	\$184,548
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$281,381
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$454,504
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI127205	The risk of HIV seroconversion following an HPV infection among men	\$80,265
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI127129	Molecular analysis of the adaptive immune response to tuberculosis	\$197,500
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI129229	Roles of replication fidelity in viral RNA synthesis, population diversity, and overall fitness of coronaviruses	\$28,712
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI131620	Upc2A: A Central Regulator and "Achilles' Heel" of Fluconazole Resistance in Candida glabrata	\$589,278
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133952	Coronavirus antiviral nucleoside analogs: inhibition and reduced susceptibility	\$28,726

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2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI134036	The Role of macrophages in chorioamnionitis and group B streptococcal infections	\$495,463
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129357	Molecular determinants of human antibody-mediated inhibition of human norovirus	\$28,726
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI123307	Generation and characterization of full-length naturally occurring allergen-specific human IgE mAbs	\$210,024
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI132117	Structure-Based Design of a Broadly Protective Group A Streptococcal Vaccine	\$720,717
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$437,500
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$454,854
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$464,778
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,407,057
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,003,759
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$776,054
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$437,500
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128756	Bioactivities of pneumococcal cell wall in neuropathogenesis	\$448,750
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121420	The role of ovarian hormones on allergen-mediated innate immune airway responses	\$221,200
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$176,582
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$682,624
2017	UNIVERSITY OF TENNESSEE	TN	R21AI119462	Enterobactin-mediated iron acquisition for Campylobacter infection	\$172,614
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI126662	Regulation of HemA, the initial enzyme in Staphylococcus aureus heme biosynthesis	\$28,709
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121799	Structural Determinants of Human Antibodies neutralizing the Ebola Virus	\$235,380
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI132581	The Genetic Basis of Cytoplasmic Incompatibility	\$381,550
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$495,643
2017	UNIVERSITY OF TENNESSEE	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$367,746
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI099080	Molecular and chemical validation of the vacuole as a new antifungal target	\$375,123
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI124346	The Non-Inflammasome NLRs in Immunity and Host defense	\$448,750
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI128805	MECHANISMS REGULATING AVIAN INFLUENZA VIRUS INFECTIONS IN HUMANS	\$200,000

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2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI132004	High vs. Standard Dose Flu Vaccine in Adult Stem Cell Transplant Recipients	\$832,698
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K01AI131895	The HIV Care Continuum and Health Policy: Changes through Context and Geography	\$124,521
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI129747	Dynein Adaptors and Cyclophilin A in HIV-1 infection	\$31,907
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI133527	Obesity, Influenza and Microbiome	\$89,750
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI127693	Characterization of Anopheline Odorant Receptors	\$569,249
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R37AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$463,489
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI124456	GLP-1R signaling in allergic inflammation	\$395,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,779,363
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$395,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$394,304
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110578	Developing therapeutics to treat chronic infections	\$749,804
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$424,810
2017	MEHARRY MEDICAL COLLEGE	TN	R01AI125662	Structure and function of the Trypanosome TIM complex	\$363,750
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI127828	Human neutralizing antibodies for Zika virus	\$1,327,897
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI123322	Establishment, maintenance, and consequences of asymmetric cell division in T cells	\$447,500
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133970	The Skeletal Environment Dictates Staphylococcus aureus Virulence and Metabolic Processes	\$28,726
2017	EAST TENNESSEE STATE UNIVERSITY	TN	R03AI128050	Determining the importance of in vivo estrogen receptors and in vitro hormone modulation of Wnt/?-catenin signaling on Chlamydia infections.	\$74,000
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI131780	Immunopathogenesis of nevirapine-induced severe T-cell-mediated adverse drug reactions	\$28,715
2017	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$134,235
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI120553	The impact of dietary metals on the gut microbiome and Clostridium difficile infection	\$553
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$437,500
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$436,361
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$728,541
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114728	Immunological mechanisms of protection against divergent influenza A strains	\$446,991
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$395,000

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2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$687,584
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI113960	Molecular Characterization of an Anopheline Ammonium Transporter	\$196,130
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI133926	The impact of innate immune recognition of Staphylococcus aureus on bone homeostasis and skeletal immunity	\$28,712
2017	UNIVERSITY OF TENNESSEE	TN	R21AI130895	Identification of CDP-DAG and serine binding sites in Candida albicans phosphatidylserine synthase, an antifungal drug target	\$185,880
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI132560	The impact of hypoxia on Staphylococcus aureus metabolism and virulence during osteomyelitis	\$376,701
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI125135	Comparison of High vs. Standard Dose Flu Vaccine in Pediatric Stem Cell Transplant Recipients	\$1,561,471
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$395,000
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$445,000
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI125481	Eosinophils as Regulators of Host Immunity against Influenza Infections	\$380,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$741,228
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$176,321
2017	UNIVERSITY OF TENNESSEE	TN	R01AI116571	Membrane alterations and daptomycin tolerance	\$349,693
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	K22AI110541	A novel role for the inflammasome in the immunopathogenesis of Candida vaginitis	\$108,000
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI126101	Beyond model development: murine astrovirus endogenous pathogens of laboratory mice	\$89,750
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI126755	Investigation of the FAS-II enzyme, FabK, as a druggable target for C. difficile	\$350,756
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI127607	Broad spectrum antifungals targeting fatty acid biosynthesis	\$152,000
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	\$30,778
2017	IQUITY LABS, INC.	TN	R44AI124766	Long non-coding RNA signatures to classify multiple sclerosis	\$504,933
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121549	The Contribution of B Lymphocyte to T1D Reversal by Imatinib	\$197,500
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI120790	Predictors of treatment toxicity, failure, and relapse in HIV-related tuberculosis	\$645,774
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI130459	Antigenic landscape of the human helminth IgE antibody response	\$350,340
2017	VANDERBILT UNIVERSITY	TN	R01AI135937	A 100-fold more sensitive TB diagnostic based on magnetic concentration and "coffee ring" formation	\$370,425

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2017	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI114748	Gender difference in miRNA-mediated T cell aging during viral infection	\$365,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$394,478
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$394,304
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108778	CopN mechanism as a key to understanding Type Three Secretion in bacteria	\$392,124
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	T32AI106700	Training in the Design and Development of Infectious Disease Therapeutics	\$174,657
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI128281	LncRNAs tether transcription factors to enable locus-specific regulation and sustain memory T cell phenotype	\$237,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI117905	Structure based design of antibodies and vaccines	\$2,122,980
2017	IQUITY LABS, INC.	TN	R43AI129147	Long non-coding RNA signatures to distinguish fibromyalgia syndrome from rheumatic diseases	\$149,286
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$347,760
2017	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminospectinomycins for Biodefense	\$691,963
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$185,543
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$295,152
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$2,089,233
2017	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121626	Engineered Nanoparticles for Protective Subunit Vaccine Delivery and Discovery	\$189,284
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121796	Prostaglandins as protective mediators in Clostridium difficile infection	\$197,500
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI124190	Targeting the T cell immune synapse in autoimmunity	\$79,000
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI125642	Risk Stratification and Decision Support to Improve Care and Outcomes in Children with Pneumonia	\$781,455
2017	MEMPHIS STATE UNIVERSITY	TN	R01AI121226	Does epigenetic methylation explain the gender-switch in adolescent asthma?	\$721,682
2017	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI131722	Neutralization Fingerprinting Analysis of Polyclonal Antibody Responses against HIV-1	\$650,713
2017	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$554,769
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$5,134,226
2017	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,795,077
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$1,365
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$363,750

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2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$421,034
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI106200	Control of Treg exhaustion by OX40	\$393,750
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI114657	New Paradigm for Host and Viral Gene Regulation by MERS Coronavirus nsp1	\$456,581
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$366,780
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI121685	Phage depolymerases as antibiotics	\$197,625
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI122418	An epigenomic approach to reactivate latent HIV	\$221,900
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$595,447
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI105712	Chlamydia Vaccine---Global search for chlamydial T cell antigens in HLA-DR4 transgenic mice	\$191,205
2017	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123650	Trypanosoma cruzi testing of Triatoma vectors in a likely endemic area of Southeast Texas	\$79,250
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI121458	Generating a model system to elucidate in vivo functions of soluble IL-15 complexes	\$80,000
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123672	The role of small non-coding RNA in borrelial pathogenesis	\$183,412
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI124021	Thioredoxin mediated Acinetobacter baumannii colonization in the GI tract	\$220,500
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI118736	Regulation of cell cycle transition by a cyclin-dependent kinase in trypanosomes	\$385,000
2017	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI125362	IMPDH inhibitors for the treatment of Cryptosporidium infections	\$759,898
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI126722	The role of the human gut microbiota in modulating virulence of Enterohemorrhagic E. coli	\$1,800
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI110358	Mechanisms of HCV Assembly	\$387,500
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI117714	The Contribution of MicroRNA-182 in Genital Chlamydia trachomatis Infection	\$73,500
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI125512	TRIM proteins polarize DNA sensing outcomes during the innate immune response to Mycobacterium tuberculosis	\$371,250
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI123565	CRISPR-based genome-wide screen to identify host factors for EV71	\$191,250
2017	TEXAS A&M AGRILIFE RESEARCH	TX	K01AI128005	Consequences of pathogen co-infection in mosquitoes on West Nile virus transmission	\$108,000
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI124172	Rab7 and NF-kappaB in B cell activation and dysregulation	\$187,213
2017	UNIVERSITY OF TEXAS RIO GRANDE VALLEY (UTRGV), THE	TX	R01AI119131	Impact of disease associated noncoding polymorphisms on post-transcriptional gene regulation	\$365,136

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127744	Revolutionary Eilat-based Chikungunya Vaccine Vector	\$855,817
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI127984	Rational Development of a Novel Attenuated Rift Valley Fever Virus Vaccine	\$232,500
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$393,837
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K24AI121296	POR Program on Genomic Prediction of Antimicrobial Resistance in VRE	\$170,305
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI127503	Targeting trypanosomatid deoxyhypusine synthase	\$243,000
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI124769	HIV-1-Specific CTL Exhaustion at Immune Synapse	\$195,696
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI133589	Non-vesicular lipid transport by poxvirus A6 protein	\$234,400
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI127634	Novel Inhibitors of Cruzain and Trypanosoma brucei Cathpesin B as Potential Drug Candidates for the Treatment of African Trypanosomiasis and Chagas Disease	\$206,680
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI112477	Reducing Readmissions and Improving Outcomes in HIV-Infected Patients	\$178,169
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI121500	Assessing the roles of biofilm structure and mechanics in pathogenic, persistent infections	\$419,823
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI122753	Systematic evaluation of B. pertussis ACT's role as a protective antigen	\$376,277
2017	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$392,214
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$405,000
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$382,914
2017	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$84,437
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$1,055,643
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$373,170
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	Ehrlichia T1S Effector Regulation of Host Gene Transcription	\$383,574
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI117862	Trans-complementing papilloma virus for AIDS vaccine	\$857,135
2017	UNIVERSITY OF TEXAS AT DALLAS	TX	R01AI116610	Genome defense and acquired antibiotic resistance in Enterococcus faecalis and Enterococcus faecium	\$382,500
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115302	Self-assembling Peptide Nanomaterials for Eliciting Mucosal CD8+ T cell Immunity	\$188,800
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI123945	Commensal-dependent induction of protective immunity	\$195,200

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2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129509	A novel system using human fetal brain neural stem cell to model ZIKV infection	\$228,650
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124009	Inhibition of Bacterial and Host-Derived H2S Production for the Therapeutic Enhancement of Anti-Bacterial Host Defense	\$232,500
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123165	Mechanisms of KSHV posttranscriptional gene regulation	\$405,000
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$751,087
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126109	Innate Immune Activation by Respiratory Syncytial Virus	\$202,500
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R33AI116208	Adipose Tissue is a significant reservoir for HIV	\$469,726
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI110577	Dynamics of Hepatis C viral RNA-dependent RNA replication	\$453,213
2017	AI BIOSCIENCES INC	TX	R43AI129061	Rapid and Low- cost POC Assay for Zika Virus Diagnosis	\$224,955
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI123837	Mechanisms of host-specific regulation in Borrelia burgdorferi	\$183,750
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI123608	Retrograde trafficking of Shiga toxin 2	\$234,750
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI122720	Regulation and Consequences of Ets1 Downregulation in B Cells	\$524,144
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	\$235,888
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI130197	The adaptor protein Crk in immune responses	\$531,451
2017	MICROGEN LLC	TX	R43AI134194	Low Cost Point-Of-Care Test For CMV	\$223,447
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular mechanisms regulating TLR signaling and inflammation	\$400,000
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI126809	Regulation of Cellular and Humoral Responses to Mouse Malaria	\$33,254
2017	AI BIOSCIENCES INC	TX	R44AI106239	A rapid, accurate, and easy-to-use diagnostic assay for STIs	\$697,618
2017	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R21AI130521	Prevention of Zika transmission with novel Aedes personal protective measures	\$276,530
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI131696	Modulation of Zika Virus Infection by Preexisting West Nile Virus Antibodies	\$191,250
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124681	Chemokine Synergy and Neutrophil Function	\$193,750
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI133749	Genetic analysis of cercarial release in schistosomes	\$531,042
2017	TEXAS ENGINEERING EXPERIMENT STATION	TX	R01AI110642	Modeling and Analysis of the Role of Microbiota Metabolites in T-Cell Differentiation	\$395,320
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI122070	A Neonatal Monkey Model of Tuberculosis Vaccination	\$903,746

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2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI124866	Role of NEAT1 lncRNA in HIV replication	\$198,125
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI131660	Role of Apobec in Retroviral Immunity	\$462,755
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI129594	Targeting of Master Signaling Molecule to Restore Functions of Exhausted HIV-specific CTLs	\$239,250
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in <i>Borrelia burgdorferi</i>	\$453,367
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI119554	Development of novel chemical series of <i>Candida albicans</i> biofilm inhibitors	\$367,500
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$515,585
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$276,442
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$619,093
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	The flavin-centric metabolic lifestyle of <i>Treponema pallidum</i>	\$584,225
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$473,679
2017	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$577,174
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$46,354
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$371,669
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$346,500
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K23AI117024	PREDICTORS OF RESPONSE TO BRONCHIAL THERMOPLASTY IN SEVERE ASTHMA	\$167,400
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$398,750
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123434	Genetic Basis of Praziquantel Resistance	\$713,041
2017	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI116567	Role of Cholesterol Metabolism in Pathogenesis of <i>Mycobacterium Tuberculosis</i>	\$339,750
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K08AI113317	Daptomycin Resistance in <i>Enterococcus faecium</i>	\$172,301
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$740,494
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$405,000
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI118586	Functional cure and virus eradication by early HAART plus vaccination with live attenuated rubella virus vectors in macaque infants and neonates	\$1,255,405
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI121604	Therapeutic Potential of Cystatin 9 Treatment to Fight Bacterial Pneumonia	\$176,127

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2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI124063	Manipulation of host complement by Clostridium difficile spores - an immune evasion strategy.	\$222,750
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124452	Bacterial delivery of RNAi and CRISPRs for modulation of mosquito transcription	\$193,750
2017	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI126215	Hematin crystallization in Plasmodium parasites	\$179,740
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126343	T-Cell Quality and Protective Immunity in a Murine Scrub Typhus Model	\$193,750
2017	RICE UNIVERSITY	TX	R01AI122356	The infection mechanism of the nematode virus Orsay	\$378,416
2017	TEXAS TECH UNIVERSITY	TX	R33AI119782	Discovery of New Anti-amoeba Therapeutics	\$310,981
2017	BAYLOR COLLEGE OF MEDICINE	TX	U01AI124290	Decoding Antibiotic-induced Susceptibility to Clostridium difficile Infection	\$1,494,740
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125216	Contribution of LiaFSR to pathogenesis and carriage of group A Streptococcus	\$396,250
2017	PARATUS DIAGNOSTICS	TX	R43AI131948	Portable, High-surety Detection of Zika Virus Directly in Mosquitoes and Humans	\$147,268
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI124675	The role of ATO function in fungal pathogenesis	\$231,000
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI125269	Role of Cul4A in Th2 tolerance and airway inflammation	\$300,000
2017	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123652	Understanding the ecology of tick-borne relapsing fever spirochetes in Panama	\$79,250
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129507	Microbial interplay between ZIKA virus and the native microbiome in mosquitoes	\$235,500
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123610	Notch signaling and functional relevance during Ehrlichia chaffeensis infection	\$229,200
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI132695	Shedding, retention and spreading of chronic waste disease prions in the environment	\$558,920
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$99,516
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI129279	Targeting lipid metabolism for the treatment of malaria	\$60,990
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI125337	A High-Throughput Molecular Platform for Antimicrobial Discovery and Study	\$404,429
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI121037	The Biology of Stem Cells in the Human Parasite Schistosoma Mansoni	\$405,000
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI126601	Glycoconjugate Nanoparticle Vaccines Against Burkholderia Infections	\$387,500
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases	\$2,215,396
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$397,500
2017	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$312,792

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2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$385,035
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$11,500,000
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	\$699,861
2017	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$354,955
2017	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$1,000,000
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	\$376,447
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI107784	Induction, maintenance, and function of genital tract-resident CD8+ T cells	\$387,500
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$0
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI121519	Targeting Cell Membrane Adaptation in Multidrug-Resistant Enterococcus faecium	\$107,055
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in Borrelia burgdorferi	\$25,779
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI126354	The Role of FimH in ExPEC Translocation	\$198,125
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126144	Wnt signaling during Ehrlichia infection	\$190,450
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI116222	Novel small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$484,884
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI128151	Lactate metabolism during Salmonella infection	\$202,500
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI129883	Translational Control of Biofilm Development and Maintenance in Oral Candidiasis	\$240,778
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$439,691
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI127387	Regulation of Innate Dendritic Cell CTLA-4	\$396,250
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI131497	A colonoid model for Shigella flexneri pathogenesis	\$250,135
2017	FANNIN PARTNERS, LLC	TX	R43AI131867	Novel Small Molecule Targeting STAT Proteins for the Management of Atopic Dermatitis	\$243,014
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123231	Non-coding RNA and ADP-ribosylation in Antiviral Defense	\$378,820
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126012	Unanchored Polyubiquitin Chains and Innate Immunity to Influenza Virus	\$193,750
2017	TEXAS TECH UNIVERSITY	TX	R56AI119397	Engineering an intranasal universal influenza vaccine	\$584,330
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI129471	Identify ZIKV host factors with an improved CRISPR-based genome-wide knockout screen	\$191,250
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127381	Redirected T Cell Therapy to Cure Invasive Fungal Infections	\$211,202

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2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI123659	Reciprocal genetics of recently-evolved vertebrate immunity and peritoneal helminth counter-adaptation	\$372,633
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI125434	Hydrogen Sulfide and NRF2 Cross-talk in Viral Infections	\$503,750
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI125939	Human airway microfold cells in mucosal immunity to bacterial pathogens	\$449,608
2017	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI127178	Monocyte subpopulation in HIV+LTB+ individuals and development of active TB	\$172,514
2017	AYUVIS RESEARCH LIMITED	TX	R43AI129164	Novel multifunctional oligosaccharide for treating sepsis and severe sepsis.	\$273,826
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI109096	Molecular mechanism of virulence regulation in Streptococcus pyogenes	\$398,750
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI109294	Regulation and function of nonlymphoid organ CD103 dendritic cells	\$400,000
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$546,834
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$524,496
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$101,970
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$392,571
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123163	Candida Albicans Gastrointestinal Colonization and Dissemination	\$405,000
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI112015	Development of novel quantitative methods for in vivo assessment of mucosal irrit	\$594,183
2017	SANO CHEMICALS, INC.	TX	R41AI122441	Optimization of the Production and Isolation of the Novel Antifungal Occidiofungin	\$234,170
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	F31AI122725	Mechanism of Candida albicans biofilm inhibition by a bacterial secreted factor	\$31,024
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI115577	Mechanisms and Public Health Impact of Sylvatic Dengue Virus Emergence in Borneo	\$590,956
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126051	PIK3IP1 in B Cell Development and Function	\$202,500
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI127997	Role of STAT3 in Treg during Autoimmune CNS Inflammation	\$200,000
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI130065	Mechanisms of Protection of Universal Therapeutic Antibodies to Influenza A	\$793,063
2017	SANO CHEMICALS, INC.	TX	R41AI131792	Lead Compound Discovery from Engineered Analogs of Occidiofungin	\$224,939
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI124720	Characterization of Vibrio cholerae CsrA as a switch for virulence gene expression in response to environmental cues	\$228,987

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2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123965	Defining the molecular mechanisms of MacAB in protection of Salmonella from oxidative stress	\$185,625
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114511	Tryptophan derivatives in EHEC pathogenesis	\$458,512
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$534,399
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI132001	Imaging-base Automated Screen for Compounds that Induce P-TEFb	\$237,750
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI132479	The role of the host ubiquitin system in Zika virus replication	\$193,750
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126097	Impact of Neonatal Inflammation on Dysbiosis and Susceptibility to IBD	\$240,300
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126371	Retinoic Acid Regulates S100 Proteins and Immune Responses in Viral Hepatitis	\$193,750
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI127807	PROTOZOAN PURINE PHOSPHORIBOSYLTRANSFERASES AS TARGETS TO TREAT MALARIA, AFRICAN TRYPANOSOMIASIS AND CHAGAS'S DISEASE	\$1,083,730
2017	PHARMA REVIEW CORPORATION	TX	R42AI117990	Lactoferrin Modulation of Granuloma Pathology	\$815,321
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123176	INNATE MECHANISMS OF REGULATION OF MEMORY TH17 CELL RESPONSES	\$405,000
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI116812	tRNA-derived RNA Fragments (tRFs) and their Functions in Respiratory Syncytial Virus (RSV) Infection	\$387,500
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$144,015
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI132246	Preclinical Development of Human Monoclonal Antibodies for Postexposure Treatment of Crimean-Congo Hemorrhagic Fever	\$1,345,347
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$408,541
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$391,250
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$420,256
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$438,077
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$185,760
2017	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	\$169,056
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	\$387,500
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI109711	Advancement of Treatments for Ebola and Marburg Virus Infections	\$5,172,726

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI112851	Mechanism and Evolution of Filoviral Monoclonal Affinity Reagent Sandwich Assays	\$470,814
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI120012	STAT1: New regulator of inflammatory Th17 and Th2 cells	\$200,000
2017	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$1,033,746
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$194,278
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117483	Novel Therapeutic Target(s) for Pathogenic Rickettsia Species	\$193,750
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R24AI120942	World Reference Center for Emerging Viruses and Arboviruses (WRCEVA)	\$924,949
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123679	Consequences of Transstadial Transmission on Tick-borne Virus Genetic Diversity	\$193,750
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI121807	Conserved RNA Secondary Structures in three Betacoronaviruses: MHV, BCoV, and MERS-CoV	\$224,375
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126275	Development of a rapid method to silence genes in Cryptosporidium	\$193,750
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117121	Role of host cell invasion in Mycoplasma genitalium persistent infection	\$190,625
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI124662	Hijacking of the Early Endosomal Pathway by novel tick-borne bunyavirus	\$32,111
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI130460	Dynamic learning for post-vaccine event prediction using temporal information in VAERS	\$644,888
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	\$617,479
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI127771	TICK DETERMINANTS OF POWASSAN VIRUS TRANSMISSION	\$384,200
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI126881	Relationships Among Metronidazole Resistance, Pharmacodynamics and Treatment Outcomes in Clostridium difficile Infection	\$607,554
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI133207	New Therapeutic Influenza Vaccine Created by Host Cell-Restricted Attenuation	\$191,250
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI130668	Translational Control of Antifungal Resistance in Candida albicans	\$202,653
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI121403	Modeling ICF syndrome in mice: Role of Zbtb24 in DNA methylation and antibody production	\$400,000
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125292	Role of response regulator phosphorylation in group A streptococcal pathogenesis	\$400,000
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$432,358
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$423,919

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2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$373,650
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$473,204
2017	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$392,000
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114523	Long noncoding RNAs and their contribution to 22q11.2 deletion syndrome	\$432,410
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$360,766
2017	UNIVERSITY OF NORTH TEXAS	TX	R01AI128359	Sleep and Vaccine Response in Nurses (SAV-RN)	\$750,937
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$398,750
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$443,512
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI126219	MADS-box transcriptional regulation of dimorphic transition in <i>Penicillium marneffei</i>	\$167,061
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI126025	Broadly neutralizing non-antibody protein for treating <i>clostridium difficile</i> infection	\$225,149
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI125581	Automated Forward Genetic Analysis of Adaptive Immunity	\$1,614,414
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121989	Chlamydial plasmid-dependent pathogenesis	\$477,786
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	\$207,457
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119873	<i>Ixodes scapularis</i> and <i>Amblyomma americanum</i> tick cement proteome	\$194,792
2017	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI119617	Improvement of genetic analysis in the pathogenic zygomycete <i>Mucor circinelloides</i>	\$73,500
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$444,015
2017	UNIVERSITY OF TEXAS AT ARLINGTON	TX	K22AI123481	Exploring how B cell Maturation Pathways Influence Microbiota Composition and Host Health	\$155,250
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI125778	The Importance and Function of Heme Degrading Enzymes during Anthrax Disease	\$237,750
2017	TEXAS TECH UNIVERSITY	TX	R01AI121322	Microneedles for allergy immunotherapy	\$391,822
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125301	TCR PARAMETERS OF TREG FUNCTION IN AUTOIMMUNITY	\$396,250
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$596,577
2017	BAYLOR COLLEGE OF MEDICINE	TX	R61AI133697	Silencing of HIV-1 proviruses by epigenetically targeting transcriptional elongation	\$396,250
2017	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123651	Identifying molecular events occurring during the life cycle of tick-born relapsing fever spirochetes	\$79,250

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2017	TEXAS A & M UNIVERSITY	TX	R21AI132125	Meiosis In Cryptococcal Infection	\$236,994
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI122142	Role of Hydrogen Sulfide in Viral Infections	\$232,500
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI128494	Factors Affecting Treponema pallidum in vitro multiplication and gene transcription	\$231,000
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI120749	A novel nanochannel system for sustained delivery of Tenofovir Alafenamide Fumarate and Emtricitabine for HIV pre-exposure prophylaxis	\$774,335
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI133001	Next-stage Development of Heme Transporters as a Vaccine for Anthrax	\$198,125
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125397	Uracil DNA Glycosylases in Gammaherpesvirus Pathogenesis and B Cell Development	\$485,503
2017	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI128953	Social-ecological factors influencing receptivity to Zika virus and the efficacy of interventions in communities along the Texas-Mexico border	\$222,750
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI129505	Evaluating the Presence of Zika Virus in Neotropical Primates	\$273,875
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$376,744
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121012	Epac1 Plays a Critical Role in Bacterial Adhesion during Rickettsioses	\$387,500
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI116722	Negative regulation of C-type lectin receptor signaling in response to fungal infection	\$400,000
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$418,051
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$523,545
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	\$491,188
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$391,250
2017	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$381,345
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$509,429
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$796,134
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI104960	Application of Imaging to Development of Tuberculosis Interventions	\$371,800
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$1,209,563
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI116914	Targeting the Toxins: A Novel Non-Antimicrobial Approach to Combat Clostridium difficile infections	\$385,000
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$456,020

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2017	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$1,328,325
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	\$421,134
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI112647	Seroprevalence and Risk of Chagas Disease in Texas Hunters	\$198,125
2017	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI124803	Identifying host factors essential for HIV latency maintenance	\$229,500
2017	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI110941	Single Cell Genomics for Malaria Parasites	\$457,500
2017	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121545	Bacteriophage to treat UTI caused by multidrug-resistant P. aeruginosa	\$217,938
2017	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI123557	Multiple Effector Activities of an Autoprocessed Haemophilus ducreyi Virulence Factor	\$243,000
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	F32AI120589	Mycobacterium tuberculosis dissemination and extrapulmonary spread	\$65,250
2017	BAYLOR COLLEGE OF MEDICINE	TX	R01AI125264	Orchestrating intestinal immunity through microbiota-CX3CR1+ cell interactions	\$393,325
2017	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI123310	IFN- γ independent inhibition of MTB growth in human macrophages	\$360,800
2017	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123753	The splicing factor SF3b1 is a master regulator of the innate immune response to Mycobacterium tuberculosis	\$185,625
2017	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinases.	\$400,000
2017	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI129906	T cell fate decisions and transplant outcomes	\$401,666
2017	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI128231	High-throughput sequence analysis of vlsE recombination events in Borrelia burgdorferi	\$77,000
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI129844	Preclinical development of candidate Zika virus vaccines using mouse models	\$196,250
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI136031	Oxidative Response Networks in Chagasic Cardiomyopathy	\$481,394
2017	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI121147	Balance of Thymic Negative Selection vs. Treg Cell Generation in the Elderly	\$328,500
2017	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$357,544
2017	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$346,500
2017	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121452	Trajectory of Vector-adaptive Chikungunya Virus Evolution	\$454,141
2017	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$317,137
2017	UNIVERSITY OF UTAH	UT	R01AI127724	Development of Selective Ribosomal P-site Inhibitors	\$378,021
2017	CURZA GLOBAL LLC	UT	R43AI124821	Natural product-inspired antibacterials with unique ribosomal binding	\$298,770
2017	UNIVERSITY OF UTAH	UT	R21AI123035	CRISPR/Cas9 technology toward understanding HIV latency in primary cells	\$189,375

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2017	NAVIGEN INC	UT	R44AI098197	Preclinical development of a potent D-peptide RSV inhibitor	\$999,998
2017	UNIVERSITY OF UTAH	UT	R37AI051174	Biochemistry of HIV-1 Budding	\$568,888
2017	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$372,500
2017	UNIVERSITY OF UTAH	UT	R21AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	\$186,250
2017	UNIVERSITY OF UTAH	UT	R21AI124823	Discovery and Characterization of Latency-Reversing Compounds	\$189,479
2017	UNIVERSITY OF UTAH	UT	R01AI123425	Suppression of anti-malarial humoral immune responses by gamaherpesviruses	\$395,053
2017	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$372,500
2017	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI117035	FilmArray Direct: Rapid Diagnosis of Antimicrobial-Resistant Pathogens from Blood	\$1,238,643
2017	UNIVERSITY OF UTAH	UT	R01AI123106	Investigating the transfer of miRNAs by exosomes during inflammation	\$378,438
2017	NAVIGEN INC	UT	R01AI127092	Depot formulation of a D-peptide HIV entry inhibitor	\$826,272
2017	UTAH STATE UNIVERSITY	UT	R15AI124108	Mechanisms of Type III Secretion System ATPase Activation and Regulation	\$411,381
2017	CARTERRA INC	UT	R44AI127039	Improving vaccine development through high-throughput immunogenicity screening.	\$751,389
2017	NAVIGEN INC	UT	SB1AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2017	UNIVERSITY OF UTAH	UT	R01AI111495	Surface-enhanced Raman Spectroscopy Immunoassay for Detection of Category A Patho	\$615,752
2017	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$1,002,828
2017	UNIVERSITY OF UTAH	UT	K22AI116803	T follicular helper memory cells	\$108,000
2017	CARTERRA INC	UT	R43AI132075	High-throughput, multiplexed characterization and modeling of antibody:antigen binding, with application to HSV	\$299,999
2017	UNIVERSITY OF UTAH	UT	R01AI130378	Mucosal associated invariant T (MAIT) cells in Vibrio cholerae infection and vaccination	\$369,782
2017	UNIVERSITY OF UTAH	UT	K08AI116909	Noncanonical NFkB Pathway-Mediated Mechanisms of Common Variable Immunodeficiency	\$201,960
2017	CURZA GLOBAL LLC	UT	R01AI132304	Broad spectrum antibacterials selectively targeting an un-drugged site on the ribosome	\$866,989
2017	NAVIGEN INC	UT	R44AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$894,941
2017	UNIVERSITY OF UTAH	UT	R01AI130255	Characterizing the role of antimicrobial peptide resistance in plague transmission	\$378,750
2017	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$372,500

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$395,000
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$403,803
2017	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$876,505
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	\$443,221
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$165,641
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI121853	Improving the reference genome assembly for the dengue fever vector Aedes aegypti	\$187,477
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI123964	Secretin Architecture	\$191,875
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI127793	Neisseria gonorrhoeae metal transporters that subvert nutritional	\$662,686
2017	ICBIOME, INC.	VA	R43AI131944	A cloud-based WGS platform for routine surveillance of plasmid-borne carbapenem resistance	\$223,352
2017	CHILDRENS SPECIALTY GROUP, PLLC	VA	R43AI131764	Development of Peptide Inhibitor of Complement to treat neonatal asphyxial brain damage	\$270,637
2017	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI130116	Anaplasma phagocytophilum modulate tick gene expression for its survival and transmission from the vector host	\$387,500
2017	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$4,875,952
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$392,874
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$550,113
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$457,831
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$241,104
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F30AI112199	Neisseria gonorrhoeae TbpA functional analysis and inhibition	\$35,844
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI124214	Role of eosinophils in innate protection from C. difficile	\$614,492
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$395,000
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$615,162
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI114136	The Role of Lysosomes and Amoebapores in Amoebic Trophocytosis and Cell Killing	\$31,393
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI121284	Guy1-conferred female lethality: mechanism and application for mosquito control	\$394,356

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K22AI116727	Identification of the non-proteolytic mechanism of NLRP1 activation	\$107,000
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130420	Targeting Ebola virus for small molecule drug discovery	\$256,642
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI131990	An intact Env gp140 that engages the germline B cell receptor of the VRC01 broadly neutralizing antibody	\$239,625
2017	GEORGE WASHINGTON UNIVERSITY	VA	U01AI129789	Controlled Infection Trial to Test Efficacy of Hookworm Vaccine with Different TLR Agonists	\$797,494
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	\$373,200
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI131798	CTL-Mediated Elimination of Replication Competent vs. Defective HIV Proviruses from Natural Latent Reservoirs: Roles of Antigen Specificity and Functional Characteristics	\$398,750
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$396,250
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$394,839
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$562,086
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$150,444
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI114776	Combinations of Approved Drugs to Combat Ebola Virus	\$489,928
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI118732	Ethanolamine Signaling in Virulence Gene Regulation and Host/Microbial Interactions	\$388,915
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119881	Tackling Malaria Resistance with an Integrated Modeling/Experimental Approach	\$192,543
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI128362	Structure- and ligand-based design of new IspD-targeting antimalarials	\$245,526
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI130902	Optimizing Inter-Microbial Antagonisms to Control Clostridium Difficile Infection	\$226,715
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI128152	Orientia tsutsugamushi modulation of ER stress	\$218,763
2017	VIRONGY L.L.C.	VA	R43AI124778	HIV REV-DEPENDENT REPORTER CELL FOR NEUTRALIZING ANTIBODY DISCOVERY	\$216,675
2017	ALEXANDER BIODISCOVERIES LLC	VA	R43AI128978	Small molecule inhibitors for influenza treatment	\$300,000
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI125056	Hallmarks of Protective Immunity in Sequential Rhinovirus Infections in Humans	\$892,938
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI119181	Role of the Pro-inflammatory MIF Homolog of Entamoeba histolytica in Colitis	\$192,024
2017	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$5,334,612
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$443,517

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119471	Persistence in an intracellular pathogen Francisella tularensis	\$197,500
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI128255	Molecular Basis for the Reciprocal Regulation of P. aeruginosa Virulence Factors by the Signaling Kinase RetS	\$225,333
2017	GEORGE MASON UNIVERSITY	VA	R15AI123993	Proteomics of Venezuelan Equine Encephalitis Virus nsP3 protein	\$456,000
2017	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R01AI136035	Spatial eco-epidemiology of tick-borne rickettsial pathogens	\$537,047
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125421	Rational design of transferrin binding protein-based vaccines to combat gonorrhea	\$652,612
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI133571	Y chromosome genes in Anopheles mosquitoes	\$272,050
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Elimination of HIV using HERV specific T cells	\$486,888
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI129678	Molecular mechanisms of the CA-SP1 switch in HIV assembly and maturation	\$466,361
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$391,873
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI122014	Optimizing a novel approach to genetically manipulate obligate intracellular bact	\$190,625
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119418	Adenosine receptor-mediated effects of Clostridium difficile toxins in humans	\$197,500
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI110675	Role of TGF-beta signaling in the Drosophila immune response against nematode-bacteria complexes	\$232,075
2017	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K22AI118929	The Role of the Stringent Response in Clostridium difficile Survival and Virulence	\$108,000
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124622	Host-directed Therapeutics for Amebiasis	\$197,500
2017	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI133465	Tuning of innate immunity in local lung	\$237,282
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI134208	Role of HIV Rev in Reactivation from Latency	\$241,500
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI125562	The dynamics of nasal bacterial ecology and S. aureus antagonism	\$720,806
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$434,090
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI109984	Immune pathology and bone marrow transplant in disorders of Mecp2 overexpression	\$49,044
2017	GEORGE WASHINGTON UNIVERSITY	VA	P30AI117970	District of Columbia Center for AIDS Research (DC CFAR)	\$1,617,191
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$203,533
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124490	High-dimensional profiling of B cells in food allergy	\$199,009

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$668,509
2017	GEORGE MASON UNIVERSITY	VA	R21AI127351	A radiation-induced cellular stress activates HIV and induces killing of infected cells	\$228,000
2017	GEORGE WASHINGTON UNIVERSITY	VA	R33AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$454,264
2017	PEDIATRIC INFECTIOUS DISEASES SOCIETY, INC.	VA	R13AI129169	St. Jude/PIDS Pediatric Infectious Diseases Research Conference	\$6,000
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI127800	Regulation of T helper cell differentiation by integrated STAT and Ikaros zinc finger transcription factor mechanisms	\$262,535
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI127801	Development of a multi-pathogen chimeritope vaccine for tick borne diseases	\$510,468
2017	MYCOMED TECHNOLOGIES	VA	R42AI115866	Urine Diagnostics for Aspergillosis	\$1,004,193
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$48,321
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122743	MicroRNA regulation of Anopheles immunity to Plasmodium	\$666,671
2017	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI112009	Novel long-acting microbicide and contraceptive intrauterine system	\$582,848
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI114888	Quantitative molecular diagnostics for diarrhea etiology and vaccine efficacy	\$192,024
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$657,815
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI117597	Effect of maternal immune factors in shaping the infant gut microbiota	\$80,500
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$799,779
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI123840	Modeling Staphylococcus aureus antagonism in pediatric nasal communities	\$196,407
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	\$398,750
2017	ICBIOME, INC.	VA	R43AI129187	An Integrated Pan Genome-Resistome Platform for Nosocomial Pathogen Surveillance in Hospitals	\$223,688
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI123596	Dietary Methyl Donors and Food Allergy Risk in the United States	\$191,644
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI114926	Role of metal transport in Streptococcus sanguinis virulence and competitiveness	\$375,361
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI133136	Chemo-proteomic discovery of lipases in asexual and sexual erythrocytic stages of Plasmodium falciparum	\$187,066
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI125433	ORMDL3-ceramide axis in allergic asthma	\$504,049
2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$351,419

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2017	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$152,048
2017	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123433	Inhibition of MEP pathway Isoprenoid Biosynthesis	\$513,396
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI124502	Helminth induced B1 IgE is protective against allergic disease	\$57,066
2017	GEORGE WASHINGTON UNIVERSITY	VA	R21AI114471	Structural characterization of the Nef-calnexin complex	\$191,875
2017	GEORGE WASHINGTON UNIVERSITY	VA	K22AI114299	Replication cost to HIV-1 after escape from broadly neutralizing antibodies	\$106,701
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI124673	Novel Paradigm of Innate Programming in Wound Repair	\$402,500
2017	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	\$706,806
2017	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI123338	Mechanism and application of male determination in aedine mosquitoes	\$664,048
2017	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U01AI133595	Endothelial Dysfunction in Radiation-induced Lung and Heart Toxicity	\$424,930
2017	UNIVERSITY OF VERMONT	VT	R21AI107298	Structure and Ligand(s) for Human Synovial TCR-Gamma/Delta	\$192,438
2017	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	\$381,250
2017	UNIVERSITY OF VERMONT	VT	R21AI128595	Genome-Wide Physical Mapping of IAV-QTL in Wild-Derived Inbred Mice	\$232,688
2017	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$274,500
2017	UNIVERSITY OF VERMONT	VT	R03AI126268	Chagas disease transmission: Genomic studies of the kissing bug Triatoma infestans to enhance control strategies for a neglected tropical disease	\$77,937
2017	UNIVERSITY OF VERMONT	VT	R01AI132378	Structure and function of the Plasmodium myosin XIV-actin glideosome	\$737,484
2017	UNIVERSITY OF VERMONT	VT	R21AI119979	Metabolic Regulation of Caspases and Survival in T Cells	\$233,438
2017	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$141,969
2017	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$388,775
2017	UNIVERSITY OF VERMONT	VT	R21AI121528	Integration and epigenetic regulation of the HHV-6 genome	\$172,420
2017	UNIVERSITY OF VERMONT	VT	R21AI130807	Continuous in vitro culture and treatment of Cryptosporidium using small molecule differentiation inhibitors	\$194,063
2017	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,385,627
2017	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$440,887
2017	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$339,750

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2017	UNIVERSITY OF WASHINGTON	WA	F31AI120505	BCAP regulation of TLR-induced IFN α in plasmacytoid DC	\$44,044
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$50,375,222
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$3,780,715
2017	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$346,673
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI108704	Study of Immune Avoidance During the Enzootic Cycle of the Lyme Disease Pathogen	\$254,715
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127493	Novel Therapeutics Targeting Giardia Kinases	\$193,386
2017	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$717,110
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$575,941
2017	IDGENOMICS INC	WA	R42AI116114	Clonotyping Technology for Prediction of Antibiotic Resistance	\$987,986
2017	UNIVERSITY OF WASHINGTON	WA	R21AI114918	Chlamydia pneumoniae persistence in the blood vessel	\$231,750
2017	UNIVERSITY OF WASHINGTON	WA	K22AI108628	Micro-anatomical organization of innate and adaptive immune responses	\$108,000
2017	KINETA INC	WA	R44AI115824	Development of novel isoflavone drugs as broad spectrum antivirals	\$746,345
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124719	Point-of-care viral load testing to enable task shifting for chronic HIV care	\$180,600
2017	ORICULA THERAPEUTICS LLC	WA	R44AI122428	Novel therapeutic agent to prevent hearing loss during aminoglycoside therapy	\$1,116,932
2017	UNIVERSITY OF WASHINGTON	WA	K23AI120761	HIV, malnutrition, and food insecurity in Senegal: A longitudinal study to identify high impact interventions	\$186,583
2017	UNIVERSITY OF WASHINGTON	WA	R01AI129673	Approaches to Improve the Efficacy of Prime-boost Immunization against HIV/AIDS	\$874,640
2017	PAI LIFE SCIENCES INC	WA	R43AI127053	Development of an Innovative, Effective RNA-based Vaccine for Chikungunya Virus	\$224,998
2017	UNIVERSITY OF WASHINGTON	WA	R01AI120765	Improving Diagnosis, Treatment & Detection of Drug Resistance in HIV-2 Infection	\$721,973
2017	EVERGREEN STATE COLLEGE	WA	R13AI134064	22nd Evergreen International Phage Biology Meeting	\$7,500
2017	UNIVERSITY OF WASHINGTON	WA	R33AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$493,946
2017	VIRTICI LLC	WA	R43AI134550	A Novel Tolerance-inducing Probiotic Platform	\$300,000
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI123818	Mechanisms underlying TACI-dependent activation of immature transitional B cells in BAFF-driven humoral autoimmunity	\$282,450
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI127726	Regulation of cutaneous immunity and tissue-repair by a specialized population of CD4+ T cells	\$503,184
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI134246	Eliciting lung-localized CD4 T cell responses against Mycobacterium tuberculosis in preventive and post-exposure settings	\$609,293

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2017	UNIVERSITY OF WASHINGTON	WA	R21AI130281	Targeting Zika Virus Infection with Chloroquine and Related Drugs	\$232,625
2017	UNIVERSITY OF WASHINGTON	WA	R21AI133169	Regulation of recombination in Mycoplasma genitalium	\$232,438
2017	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$435,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI123196	Innovative approaches to syphilis vaccine design	\$530,015
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI134419	Defining HIV reservoirs that rebound following suspension of ART	\$829,247
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$876,159
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$990,128
2017	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,535,398
2017	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$707,070
2017	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$709,649
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$565,909
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	\$738,547
2017	UNIVERSITY OF WASHINGTON	WA	R01AI108626	The differentiation and function of CD4+ Th2 cells during allergen-induced asthma	\$435,000
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$1,025,262
2017	UNIVERSITY OF WASHINGTON	WA	R01AI116292	Systems and carcinogenic impact assessment of topical microbicides on human mucosa	\$730,815
2017	UNIVERSITY OF WASHINGTON	WA	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$187,312
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI113325	BCAP/PI3K regulation of innate immunity to Listeria monocytogenes	\$435,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI118916	The Host Response to Hepatitis C Virus	\$507,805
2017	UNIVERSITY OF WASHINGTON	WA	F30AI122866	Characterizing broadly neutralizing antibody responses of HIV-1-infected infants	\$44,044
2017	UNIVERSITY OF WASHINGTON	WA	R21AI125975	Point-of-care diagnosis of pulmonary TB from urine samples	\$154,500
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI125356	Molecular and Cellular Dissection of Campylobacter Jejuni Effector Protein Function	\$382,165
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	T32AI118690	Training Program in Infectious Diseases in the Immunocompromised Host	\$318,564
2017	UNIVERSITY OF WASHINGTON	WA	R21AI122361	Ex Vivo Detection and Analysis of Non-inducible Latent HIV	\$242,050
2017	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI128992	Development of an Innovative, Effective, RNA-based Vaccine for Zika Virus	\$178,600
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	\$547,781

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2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI121829	A new essential protein kinase in Mycobacterium tuberculosis	\$250,132
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127833	The mechanisms of 4-HNE mediated host-microbe interactions	\$184,400
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI124144	Dynamics of Campylobacter jejuni and host responses in the porcine intestinal-loop infection model	\$234,227
2017	UNIVERSITY OF WASHINGTON	WA	F31AI126834	Escherichia coli O157 Phylogeny: Implications for Virulence and Disease Distribution	\$43,308
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI131171	Adjuvanting Vaccine-induced CD8 T Cell Memory Quality Using Regulatory T Cells	\$235,623
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI126441	Engineered CTLA4-targeted agonists as therapeutic immunomodulators	\$220,000
2017	UNIVERSITY OF WASHINGTON	WA	K23AI129659	Determining the component causes of systemic immune activation that moderate HIV acquisition and establishment of the latent viral reservoir	\$182,636
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI122898	RNAseq analyses in immunocompromised and immune competent mice infected with the AIDS pathogen Cryptosporidium	\$372,475
2017	UNIVERSITY OF WASHINGTON	WA	F32AI129254	RIP3 mediated restriction of neuropathogenesis during viral encephalitis	\$57,066
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$510,000
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI123323	Inflammation-driven T Cell Responses and their Dichotomous Effect on Host Immunity	\$440,000
2017	UNIVERSITY OF WASHINGTON	WA	R21AI129303	Mechanisms of sexual Zika virus transmission and early immunopathogenesis	\$232,063
2017	UNIVERSITY OF WASHINGTON	WA	R21AI129935	Vitamin D and Natural History of Human Papillomavirus (HPV) Infections in Women	\$232,500
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI120714	Mucosal microbiome and vaccine responses in HIV-exposed African infants	\$448,870
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI124770	Immune responses to HSV-2 recurrence replenish HIV tissue reservoirs during ART	\$459,315
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121129	Immunoprotective Properties of Tissue-resident Memory T Cells in Mice and Humans within Mucosal Sites	\$830,347
2017	UNIVERSITY OF WASHINGTON	WA	R01AI127463	Mechanisms of hepatic innate immune activation by HCV	\$556,742
2017	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$3,730,958
2017	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$213,200
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$547,983
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	\$784,716

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2017	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$168,180
2017	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$612,096
2017	UNIVERSITY OF WASHINGTON	WA	R01AI110708	Rac: a critical regulator of the cytoskeleton and membrane trafficking in Giardia	\$386,250
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI118500	Engineering T-cells with optimized anti-HIV chimeric antigen receptors and CCR5 disruption as a strategy to target HIV-infected cells	\$488,955
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI120961	DEFINING THE INFANT IMMUNE RESPONSE TO HIV	\$839,137
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122991	Statistical methods for HIV-1 immune correlates studies	\$316,066
2017	UNIVERSITY OF WASHINGTON	WA	K23AI120793	Impact of maternal HIV on Mycobacterium tuberculosis infection among peripartum women and their infants	\$184,588
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI126304	Hepacivirus control by T cells and broadly active antibodies	\$228,000
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI117016	Regulation of Yersinia pestis flea-borne transmission	\$445,372
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127200	A Point-of-Care Assay to Measure Tenofovir for Monitoring PrEP and ART Adherence	\$202,948
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI125136	Host Innate Immune Response as a Barrier to Cross-Species Retrovirus Transmission	\$97,038
2017	UNIVERSITY OF WASHINGTON	WA	R01AI125189	Qualification of Assays to Measure Human T-cell Responses Against Mycobacterial Lipid Antigens	\$361,476
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI126623	Cell and Gene Therapy for HIV Cure	\$4,714,991
2017	UNIVERSITY OF WASHINGTON	WA	R01AI125026	Role of proviral loci in HIV latency	\$852,198
2017	UNIVERSITY OF WASHINGTON	WA	R21AI130361	Discovery of Chlamydia-host interactions	\$292,284
2017	UNIVERSITY OF WASHINGTON	WA	K24AI130263	Immunopathology of Indirect Airway Hyperresponsiveness in Asthma	\$129,206
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R03AI131223	Multigene knockdown in Mycobacterium tuberculosis by repurposing the endogenous type III CRISPR system	\$98,000
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114699	Innate immune responses to malaria liver stage infection	\$472,500
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI119133	Human Herpesvirus 6 in Lower Respiratory Tract Disease and Chromosomal Integration after Hematopoietic Cell Transplantation	\$190,557
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI131914	Identification of Novel Mucosal Immune Mechanisms Involved in Protection from HIV-1	\$751,650
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI124735	Role of Dock8 in EAE	\$241,125
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133885	Role of IL-15 and IL-23 in colitis	\$470,750
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI133369	A systems genetics approach to determine factors regulating Plasmodium falciparum sporozoite infectivity	\$294,000

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2017	UNIVERSITY OF WASHINGTON	WA	R21AI123690	Coformulation of bumped kinase inhibitors with Artemisinin combination therapy will stop widespread transmission of artemisinin-resistant malaria strains	\$276,490
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124220	IL-33 and food allergy	\$709,501
2017	UNIVERSITY OF WASHINGTON	WA	R21AI127156	CD101 function, T regulatory cells and HIV-1 acquisition risk	\$245,595
2017	THE GENEVA FOUNDATION	WA	R01AI132313	Advancing a Candidate Polyclonal Antibody Therapy for Hantavirus Disease	\$1,037,264
2017	UNIVERSITY OF WASHINGTON	WA	K01AI116298	Optimizing repeat HIV testing during pregnancy and postpartum for PMTCT	\$126,387
2017	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$978,341
2017	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$491,518
2017	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,268,015
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108839	Induction and signature of pathogenic T cells in allergy	\$425,455
2017	UNIVERSITY OF WASHINGTON	WA	R01AI111341	Bumped Kinase Inhibitors: Novel Therapeutics for Cryptosporidiosis&Toxoplasmosis	\$1,230,645
2017	UNIVERSITY OF WASHINGTON	WA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$189,362
2017	UNIVERSITY OF WASHINGTON	WA	R01AI111780	Mechanisms of Protective Local Immunity in Human Female Reproductive Tract	\$315,885
2017	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$9,000
2017	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI116908	The role of mycobacterial efflux pumps in virulence and antibiotic tolerance	\$176,644
2017	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$194,891
2017	UNIVERSITY OF WASHINGTON	WA	UM1AI120176	Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)	\$3,352,921
2017	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI128215	A systems analysis of drug tolerance in Mycobacterium tuberculosis	\$871,572
2017	UNIVERSITY OF WASHINGTON	WA	R01AI123124	Regulation of S. aureus Colonization by NO.	\$376,506
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	\$472,500
2017	UNIVERSITY OF WASHINGTON	WA	R21AI128950	A Rapid and Specific Diagnostic for Immunoglobulin Response to Zika Virus Exposure Based on De novo Designed Low Cost Hyper-stable Mini-Protein Epitopes	\$188,696
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI117519	In vivo inactivation of latent HSV by endonuclease-mediated mutagenesis	\$220,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106893	Chlamydia virulence: exploitation of host N-glycosylation	\$386,250

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2017	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$386,250
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI125025	Effects of HIV infection on resident memory T cells	\$220,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$1,086,868
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI128103	Identifying host genetic determinants of Coxiella burnetii pathogenesis	\$229,500
2017	SCISCO GENETICS INC	WA	R44AI120617	An integrated genotyping approach for HLA and other genetic systems	\$487,863
2017	UNIVERSITY OF WASHINGTON	WA	R01AI131403	VIRUS-LIKE PARTICLES WITH STABILIZED TRIMERIC ENVELOPE FOR PRIME BOOST IMMUNIZATION	\$614,889
2017	UNIVERSITY OF WASHINGTON	WA	R21AI122867	Association between schistosomiasis and HIV-1 acquisition, transmission and disease progression in Africa	\$155,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI124968	Impact of a novel screening program to detect acute and prevalent HIV infection and reduce HIV transmission	\$572,643
2017	UNIVERSITY OF WASHINGTON	WA	R21AI123501	Mechanism-based targeting of bacterial topoisomerases	\$214,986
2017	UNIVERSITY OF WASHINGTON	WA	R01AI132356	The role of redox sensing in Listeria monocytogenes pathogenesis	\$361,705
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI065545	Chlamydial invasion of non-phagocytic cells	\$380,490
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$480,737
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI112323	A FOXP3 complex that controls human regulatory T cell function	\$424,500
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$16,985,420
2017	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$188,244
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$453,349
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI112619	Role of an ornithine rhamnolipid pigment in GBS virulence	\$482,873
2017	UNIVERSITY OF WASHINGTON	WA	R01AI111738	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$515,622
2017	THE GENEVA FOUNDATION	WA	R01AI111516	Mammalian and Plant-derived Antibody-based Therapies against Sudan Ebolavirus	\$917,343
2017	UNIVERSITY OF WASHINGTON	WA	K23AI113185	Characterizing Extragenital Gonorrhea and Chlamydia: Natural History & HIV Impact	\$188,244
2017	UNIVERSITY OF WASHINGTON	WA	R01AI118962	Antimicrobial Actions of Nitric Oxide	\$386,250
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI119159	Low pH-mediated HSV fusion and entry	\$382,456

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2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI127249	Germline-targeting anti-idiotypic antibodies as novel HIV-1 immunogens	\$220,000
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI125907	Role of human cervical mucus plugs in ascending GBS infection	\$233,701
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124693	Control of CD8+ T cell activation and differentiation by the signaling adaptor BCAP	\$531,292
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI122978	Estimation of the Prevalence of Post Treatment Controllers of HIV-1 Infection Using Pooled Data from Independent Study Sites	\$209,045
2017	UNIVERSITY OF WASHINGTON	WA	R01AI118803	The Development and Function of Plasmodium-specific memory B cells	\$596,663
2017	UNIVERSITY OF WASHINGTON	WA	R01AI128782	Mucosal mechanisms of altered HIV susceptibility in adolescents	\$722,492
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R00AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	\$249,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI114630	Innate Immune Response to Hepatocyte Death	\$521,263
2017	UNIVERSITY OF WASHINGTON	WA	F32AI124520	LGP2's Role in Controlling Innate Immunity	\$38,489
2017	UNIVERSITY OF WASHINGTON	WA	R01AI044257	Role of B cell activating factor (BAFF) in B cell responses and autoimmunity	\$505,985
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R33AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$520,913
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI132774	Mechanisms of IL-6 mediated T cell pathogenesis in autoimmunity	\$841,539
2017	UNIVERSITY OF WASHINGTON	WA	R21AI129712	DMPA use and vaginal bacterial diversity among African women	\$271,212
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI127830	ER-associated degradation (ERAD) in the Brucella intracellular cycle	\$221,325
2017	UNIVERSITY OF WASHINGTON	WA	R01AI126785	Functional genomics for Chlamydia	\$770,904
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$532,725
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$458,447
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$440,000
2017	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$631,587
2017	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$170,204
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$10,577,549
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$8,034,819

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2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$693,233
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$21,415,215
2017	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$785,031
2017	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	\$1,463,702
2017	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$481,876
2017	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	\$595,172
2017	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$649,697
2017	UNIVERSITY OF WASHINGTON	WA	R01AI112640	Typhoid Pathogenesis and Immunity	\$472,348
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI125378	Epithelial control of responses to allergen challenge and viral exacerbation	\$1,591,050
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127893	High-throughput experiments to guide influenza vaccine strain selection	\$425,534
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$850,549
2017	UNIVERSITY OF WASHINGTON	WA	R01AI129715	Evaluating the relationship of CD101 and UBE2V1 to genital mucosal inflammation	\$701,405
2017	PAI LIFE SCIENCES INC	WA	R41AI134271	CruziScreen, a recombinant antigen-based screening test for Chagas disease	\$157,401
2017	UNIVERSITY OF WASHINGTON	WA	R01AI134130	Implementing Assisted Partner Services to HIV Test and Treat Men in Western Kenya	\$732,269
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI128792	Mucosal injury from sexual practices: Behaviour and biology of South African adolescents	\$485,861
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI129751	Finding New Strategies for Achieving the UNAIDS 90-90-90 Targets: Cost-Effectiveness of a "Test and Treat" Intervention in Peru	\$101,580
2017	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$578,735
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127100	Role of the microbiome in HIV vaccine induced heterogeneity	\$772,302
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$755,861
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$789,642
2017	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$385,364
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI082870	Francisella tularensis Pathogenesis	\$577,228
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$1,284,773

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2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$587,667
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI128699	Functional analysis of an essential Trypanosoma brucei protein kinase	\$245,000
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	\$370,977
2017	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$514,747
2017	UNIVERSITY OF WASHINGTON	WA	R01AI112002	Combination HIV prevention in drug-eluting fibers: designing for efficacy and use	\$650,899
2017	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$760,880
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$29,448,000
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$427,749
2017	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$574,865
2017	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$763,062
2017	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$2,710,804
2017	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$189,324
2017	UNIVERSITY OF WASHINGTON	WA	K01AI110313	CTL mechanisms underlying effects of HLA-A*2301 and B*5301 on HIV-1 set-point	\$128,250
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$482,505
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI123135	Multiplexed immuno-SRM screening for primary immunodeficiencies	\$935,847
2017	UNIVERSITY OF WASHINGTON	WA	R01AI127232	Combined phylogenetic and epidemiological analysis to identify HIV transmission sources in Seattle WA	\$490,386
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124399	Usability and Feasibility of a Phone-based Decision Support Tool for Option B+	\$157,211
2017	SPRINGSTAR INC	WA	R44AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$618,531
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122912	Identification and Analysis of HIV-specific Naive B cells in HIV-unexposed Individuals	\$590,744
2017	WASHINGTON STATE UNIVERSITY	WA	R21AI126464	Neural regulation of innate immunity to pathogen infection in C.elegans	\$188,608
2017	UNIVERSITY OF WASHINGTON	WA	F31AI126629	Genetically determined susceptibility to rotavirus and rotavirus vaccine failure in sub-Saharan Africa	\$43,296
2017	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI124132	Development of a Chikungunya Vaccine Candidate	\$175,454
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI126703	The role of vitamin D receptor signaling in T cells during Mycobacterium tuberculosis infection	\$57,066
2017	WASHINGTON STATE UNIVERSITY	WA	R01AI129992	Effectors of Brucella intracellular replication	\$456,827
2017	UNIVERSITY OF WASHINGTON	WA	R56AI126602	Help and suppression in liver tolerance	\$301,667
2017	UNIVERSITY OF WASHINGTON	WA	R01AI125498	Delivering PrEP in Pregnancy	\$634,032

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2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R13AI134409	2017 Conference on Cell and Gene Therapy for HIV CURE	\$25,000
2017	UNIVERSITY OF WASHINGTON	WA	R21AI132355	Anti-infective Biomaterials that Enhance Innate Immunity	\$181,086
2017	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI133976	Role of the hyaluronidase in GBS Virulence	\$912,767
2017	UNIVERSITY OF WASHINGTON	WA	R56AI048683	Salmonella pathogenicity island 2 effector proteins	\$387,604
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI128914	Immune Responses to Malaria and HIV Infection and Immunization	\$2,742,800
2017	UNIVERSITY OF WASHINGTON	WA	R21AI133171	Cellular GWAS of the host-pathogen interaction in melioidosis	\$232,375
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121242	TCR-like antibodies for HPV-induced cancer basic research and theranostics	\$434,987
2017	VIRTICI LLC	WA	R44AI125165	A Novel Tolerance Therapeutic for Treating Multiple Sclerosis	\$1,000,000
2017	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI114844	Viral and Host Biomarkers of Human Rhinovirus Disease Severity in Transplantation	\$183,044
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$575,449
2017	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$308,512
2017	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$420,970
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$694,153
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$368,845
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121259	Statistical Methods for Adherence Issues in HIV Prevention Research	\$632,683
2017	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	\$435,000
2017	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$852,807
2017	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$1,821,474
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	\$427,500
2017	UNIVERSITY OF WASHINGTON	WA	R01AI110743	Discovery and validation of new kinase drug targets in T. brucei	\$407,294
2017	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K25AI119229	Elucidating phosphorylation signaling networks in infectious Plasmodium parasites	\$136,377
2017	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$389,875
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI129548	Regulation of pathogenic T cells in EAE	\$428,750

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2017	PAI LIFE SCIENCES INC	WA	R44AI103983	A Vaccine for Schistosomiasis, "SchistoShield"	\$1,380,664
2017	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI124266	Applying the principle of synthetic lethality to virus-host protein-protein interactions as a novel approach for antiviral development	\$236,250
2017	UNIVERSITY OF WASHINGTON	WA	R21AI124789	Seattle HIV/AIDS modeling for Prevention	\$231,750
2017	UNIVERSITY OF WASHINGTON	WA	F32AI115935	Defining the role of IRF5 in immunity against West Nile virus infection	\$59,166
2017	UNIVERSITY OF WASHINGTON	WA	R01AI119675	Conformational dynamics of adhesive bonds	\$596,525
2017	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI132634	High content screening of Mycobacterium tuberculosis	\$646,203
2017	UNIVERSITY OF WASHINGTON	WA	F31AI131595	Statistical Methods for Analysis of Longitudinal Microbiome Data	\$42,902
2017	WASHINGTON STATE UNIVERSITY	WA	R03AI122059	ROLE OF HSV gK IN EPITHELIAL CELL ENTRY	\$75,500
2017	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI129192	Generating tolerance to antibody-based drugs	\$255,000
2017	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI125160	Immunotherapy to prevent drug-resistant tuberculosis	\$1,314,028
2017	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$431,121
2017	UNIVERSITY OF WASHINGTON	WA	R34AI129900	Systems analysis and improvement approach to optimize the pediatric HIV diagnosis and care cascade (SAIA-PEDS)	\$226,322
2017	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$428,102
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$367,362
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$382,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	\$3,190,133
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI118495	Alloimmunization as a novel prophylactic vaccine for AIDS viruses	\$665,913
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118799	Functional Analyses of Borrelia burgdorferi Adhesins	\$656,503
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI118326	Regenerative Capacity of Anti-Viral Memory CD8 T cells	\$184,890
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$576,140
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$410,597
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI095274	Characterization of botulinum neurotoxin A subtypes	\$564,099
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI125897	Identifying host factors and the mechanisms used to control influenza virus replication	\$192,095
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI126419	Transformational platform for regenerating autologous transplantable endocrine tissue from human pancreatic matrix and pluripotent stem cells	\$184,890

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2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI115931	The role of the Unfolded Protein Response in Brucella melitensis replication	\$31,900
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$1,355,560
2017	VERSITI WISCONSIN, INC.	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$476,030
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI108255	Lysine Acetylation in N. gonorrhoeae Quorum Sensing and Biofilm Formation	\$996,397
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI112920	Leptospira interrogans Interactions with Endothelial Cells	\$382,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125392	Mechanisms of influenza transmission bottlenecks: impact on viral evolution	\$609,903
2017	CASCADE BIOSYSTEMS, INC.	WI	R41AI129130	Highly sensitive isothermal method and instrument for field diagnostics to facilitate malaria eradication	\$150,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI126900	Identification of Host Factors Required for the Cytolytic Activity of Hemolysin from Uropathogenic Escherichia coli	\$59,166
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123719	Evaluation of a novel mosquito repellent isolated from bacteria	\$218,900
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI131454	Zika virus evolutionary dynamics in host adaptation	\$229,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI122103	Eosinophil beta1 integrin activation as a biomarker for eosinophilic esophagitis	\$191,250
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$353,525
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$266,266
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$305,160
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$376,250
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI121552	Bacteriophage to prevent infection by antibiotic-resistant enterococci	\$188,330
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118389	Vaccines Against Botulism	\$593,592
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI116382	GBV-C-mediated protection from AIDS in humans and GBV-C/SIV co-infected macaques	\$2,285,223
2017	VERSITI WISCONSIN, INC.	WI	R01AI125741	The Cellular and Transcriptional Control of CD8 T Cell Functional Adaptation to Chronic Viruses	\$417,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI125231	University of Wisconsin Transplant Reseach Training Program	\$277,217
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$60,990
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121662	A biotherapeutic CRISPR-delivery platform to eradicate Clostridium difficile	\$166,482

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2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI123745	Function and mechanism of U21 in the Roseoloviruses	\$231,000
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$384,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$174,361
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$568,031
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$372,210
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110617	The Role of Complement Inhibition in Expanded Criteria Kidney Transplantation	\$802,185
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI107157	The Maternal-Fetal Interface in Listeria-Induced Pregnancy Loss	\$399,347
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M. tuberculosis evolution	\$374,020
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$446,280
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	\$385,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125271	Regulation of the influenza virus polymerase	\$379,320
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI125879	A new genetic approach to identify the Idd9.3 type 1 diabetes susceptibility gene	\$190,000
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$344,250
2017	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI134062	18th International Congress of Mucosal Immunology (ICMI 2017)	\$7,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI132563	Previous exposure to dengue as a risk factor for Zika virus during pregnancy	\$753,026
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI132627	Mechanisms and use of penicillin-binding protein inhibition to optimize cationic peptide anti-MRSA treatment	\$444,080
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035681	Molecular pathogenesis of Blastomycosis	\$582,368
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI128219	Role of a cell wall assembly factor in enterococcal antimicrobial resistance	\$231,000
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121217	Identification of protective Lyme disease antigens using live attenuated vaccines	\$378,273
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$391,169
2017	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$25,000
2017	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$385,374

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2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$5,073,432
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$677,604
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125390	Proteomics of eosinophil activation	\$376,140
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127127	SIV/HIV dysregulation of MAIT cell function impairs anti-M.tb immunity	\$228,466
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123758	Hybrid histidine kinase: a drug target and path to anti-fungal drug development	\$184,890
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI125334	Role of the retinoic acid pathway during graft-versus-host disease	\$403,959
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI126592	The Chemistry and Biology of Galactofuranose-Containing Glycans	\$0
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI132927	Genes of unknown function impacting antimicrobial resistance in enterococci	\$231,000
2017	VERSITI WISCONSIN, INC.	WI	R56AI129348	B cell-mediated immune regulation	\$451,486
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$382,500
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	\$273,200
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$462,000
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	\$500,988
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123289	Sexual development of Toxoplasma in feline intestinal organoids and cell culture	\$223,140
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$11,536,127
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121808	Regulation of human immune function by 17q21 asthma risk polymorphism	\$191,250
2017	SCARAB GENOMICS LLC	WI	R44AI129149	Increasing available choices for conjugate vaccine technology by producing carrier proteins in Scarab Genomics? reduced genome E. coli strains	\$968,567
2017	INTERNATIONAL EOSINOPHIL SOCIETY INC	WI	R13AI131485	10th Biennial Symposium of the International Eosinophil Society, Inc.	\$11,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI129308	Nonhuman Primate Model to Assess Fetal Zika Virus Infection Complications	\$221,550
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI120655	Targeting CCL28 as therapy for obstructive lung disease	\$385,000
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI119140	Natural vs. Pathogenic Th17 responses to col Va1, Ka1 tubulin and vimentin	\$376,140
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127442	Prevention of Candida biofilms by localized delivery of aurein analogues	\$210,436

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K22AI125473	Uncovering new mechanisms of nematode anthelmintic resistance	\$160,800
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$1,024,198
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI131418	Functional analysis of Zika virus induced birth defects	\$229,500
2017	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$398,633
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$560,484
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$330,545
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI108727	Mechanisms of Candida Biofilm Immune Evasion	\$192,024
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI121135	Fcgamma receptor-mediated suppression of immunodeficiency virus replication	\$765,191
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121704	Microbial-ecology guided discovery of non-traditional therapeutics that limit resistance	\$181,966
2017	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121544	Impact of nocturnal questing of Ixodes scapularis on disease risk and ecology	\$225,260
2017	Flugen, Inc.	WI	R42AI120269	Restimulating memory T cell responses in elderly by a novel, live influenza vaccine	\$746,327
2017	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI118789	Functional differentiation of tsetse species microbiota	\$266,121
2017	UNIVERSITY OF WYOMING	WY	R01AI124804	Impact of Fc N-glycan structure on HIV-specific antibody functions	\$748,340
2016	Centre for the AIDS Programme of Research in South Afri		R21AI115978	Integrin a4b7 as a predictor of HIV acquisition and pathogenesis	\$0
2016	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	-\$140,704
2016	Centre for the AIDS Programme of Research in South Afri		R21AI116759	Enhanced STI management to reduce genital inflammation and HIV risk	\$0
2016	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$40,524
2016	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$0
2016	Centre for the AIDS Programme of Research in South Afri		R01AI115983	Immune mediators associated with HPV clearance as predictors of HIV acquisition	\$0
2016	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$0
2016	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI119116	Enzyme therapeutics for biofilm prevention and disruption	-\$122,152
2016	UNIVERSITY OF CAPE TOWN		R21AI115993	Drug permeation and activity in Mycobacterium tuberculosis infected macrophages	-\$43,150

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2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$0
2016	UNIVERSITY OF BRITISH COLUMBIA		R33AI098701	Novel adjunctive therapy for drug resistant Gram-negative pathogens	\$0
2016	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$0
2016	UNIVERSITY OF KWAZULU-NATAL		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	-\$508,656
2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$0
2016	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	-\$8,445
2016	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	-\$285,674
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095439	Transcriptional regulation of T cell quiescence and activation	-\$4,224
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	-\$119,785
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$39,620
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	-\$2,001
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$0
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$253,579
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$359,539
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,325,534
2016	UNIVERSITY OF ARKANSAS	AR	R21AI119813	Expanding the genetic code in Salmonella	\$205,449
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$73,933
2016	ARIZONA STATE UNIVERSITY	AZ	R33AI101329	Bifunctional antibodies with targeted CNS delivery against West Nile Virus	-\$266
2016	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$28,144
2016	UNIVERSITY OF ARIZONA	AZ	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$87,456
2016	ARIZONA STATE UNIVERSITY	AZ	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	\$332,787
2016	UNIVERSITY OF ARIZONA	AZ	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	\$345,375
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	-\$81,070
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	-\$230,944

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2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$6,960
2016	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$336,024
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI118288	Cell-type specific control of immune responses mediated by inflammasomes in vivo	-\$2,128
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	-\$44
2016	La Jolla Institute For Immunology	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$88,561
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$1,389
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	-\$189,108
2016	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	-\$74
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$123,949
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117556	Functional characterization of IL-40, a novel cytokine	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119353	Mutant PTPN22 in autoimmune mice	\$0
2016	CEDARS-SINAI MEDICAL CENTER	CA	F32AI118360	Commensal Fungi in Asthma	-\$35,314
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI104262	Exploring the Role of Semen Amyloids in Promoting HIV Infection and Fertilization	\$0
2016	NIMA LABS INC.	CA	R43AI124907	An Integrated, Accurate, and Rapid Peanut Allergen Detector for Consumers	\$0
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI122980	An AAV Approach to Treating HIV	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI121145	PTPN22 R619W in NOD mice	-\$70,390
2016	IDENTIFYGENOMICS, LLC	CA	R43AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	-\$225,000
2016	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$3,015
2016	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$1,154
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	-\$303,751
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$69,239
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$196,314
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$185,660
2016	STANFORD UNIVERSITY	CA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	-\$175,208
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119115	Maltose Targeted Antibiotics	\$0
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI112808	Impact of Maternal Obesity on the Neonatal Immune System	\$0

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2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	-\$94,845
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI118540	Characterizing the binding between HIV-1 integrase and capsid and the role of the interaction in modulating the uncoating process	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI117378	B cell TLRs and germinal centers	\$0
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI115271	Identification of Genes that Cause Sterility in Male Malaria Mosquitoes	-\$128,638
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120352	CRISPR-based genome and transcriptional engineering of human T cells to enhance cancer immunotherapy approaches	-\$573
2016	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	-\$123,326
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI115289	Tissue and lymphoid defects induced by Birc5 deletion in thymic epithelial cells.	\$0
2016	MAPP BIOPHARMACEUTICAL INC	CA	R43AI126968	Rapid Response Agents Against Filovirus Outbreaks Using Vectored Immunoprophylaxis	-\$21,154
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$318,400
2016	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$17,235
2016	La Jolla Institute For Immunology	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$1,501
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$381,675
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$3,571
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$215,084
2016	UNIVERSITY OF CALIFORNIA	CA	K22AI108814	"Biting" of human cells by Entamoeba histolytica: a novel cytotoxic mechanism	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI114930	Inhibiting Toxoplasma growth by disrupting its access to host small molecules	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$274,464
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	-\$96,662
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	\$210,491
2016	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$262,330
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$12,025
2016	UNIVERSITY OF CALIFORNIA	CA	F31AI112241	Mechanisms of Dysbiosis by Attaching and Effacing Pathogens	-\$9,740

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2016	UNIVERSITY OF CALIFORNIA	CA	R21AI119791	Novel In Vitro and In Vivo Bioluminescent Assays of Giardia Cellular Functioning	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115273	B12 Autotrophy as a Virulence Mechanism in Infectious Leptospira	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$367,057
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI122260	A Phase II/III Clinical Trial of Gene Therapy for ADA-Deficient SCID	-\$1,391,425
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI126080	The pathogenesis of paratyphoid fever	-\$82,275
2016	AURITEC PHARMACEUTICALS INC	CA	U44AI069674	Clinical Safety and Pharmacokinetics of Sustained Release Depot Tacrolimus	-\$55,120
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$115,888
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$128,804
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109809	Beyond translocation - non-canonical activities of bacterial signal peptidase	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$124,960
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	-\$1,314
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$183,824
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$123,542
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$45,316
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	-\$4,339
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$0
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$7,593
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$587,002
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirios by Environmental Surveillance	\$583,398
2016	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115486	Development of an unbiased method for NGS repertoire analyses from genomic DNA	\$0
2016	PLANET BIOTECHNOLOGY INC	CA	R44AI114023	A MERS-CoV Receptor Decoy	\$0
2016	MICRO ANALYSIS INTEGRATION LLC	CA	R43AI122497	Rapid Paper-based Diagnostics of CT / Trich	\$0
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$272,936
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$194

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2016	La Jolla Institute For Immunology	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$0
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$199,120
2016	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$60,722
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	-\$267,520
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$67,770
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$319,192
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$0
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$267,768
2016	CHILDRENS HOSPITAL OF LOS ANGELES	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$0
2016	STANFORD UNIVERSITY	CA	R03AI116408	New Mechanisms of Protease Inhibitors Resistance	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	-\$80,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	-\$198,125
2016	AVIDBIOTICS CORPORATION	CA	R21AI121692	Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs	-\$17,926
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	-\$27,748
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI124457	Ubiquitylation and the Regulation of Immune Homeostasis	\$0
2016	STANFORD UNIVERSITY	CA	F31AI118469	Defining the Natural Killer Cell Response to HIV	-\$43,576
2016	FORGE THERAPEUTICS INC	CA	R43AI120246	Novel small molecule inhibitors of LpxC for multi-drug resistant Gram-negative bacteria.	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$79,541
2016	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI114922	Inflammation-derived sugars lower resistance against Salmonella	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$2,434,364
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of Cryptococcus neoformans	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	-\$93,374

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2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$211,404
2016	STANFORD UNIVERSITY	CA	R21AI112962	Role of c-Myc up-regulation in Toxoplasma infection	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$269,246
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	-\$531
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI119155	The role of fatty acid- and retinol-binding proteins in parasitic nematode infections.	\$0
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI112462	Structural/biophysical characterization of a potent HIV transcription inhibitor	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120676	Discovery and characterization of innate immune pathways in placental trophoblasts	-\$7,878
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI116064	Fetal-Maternal Histocompatibility and Autoimmune Disease	-\$15,736
2016	STANFORD UNIVERSITY	CA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$121,915
2016	TRELLIS BIOSCIENCE LLC	CA	R44AI120425	Therapeutic Antibodies for Biofilm Infections	\$235
2016	STANFORD UNIVERSITY	CA	F32AI126701	What Antigen Presenting Cells DO to fine tune the antigen editing of DM	-\$10,649
2016	AVAILS MEDICAL, INC.	CA	R43AI126929	Electrical Biosensor for Rapid Point-of-Care Diagnosis of Urinary Tract Infections and Antibiotic Susceptibility Testing	\$0
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R56AI125249	Regulation of Rotavirus Replication and Virulence by the Innate and Adaptive Immune Systems	-\$368,276
2016	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R33AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$48,164
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$9,990,848
2016	STANFORD UNIVERSITY	CA	R37AI051622	Chemical Mycobacteriology	\$4,114
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$189,723
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$164,774
2016	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$8,013
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$64,408
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$0
2016	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	-\$9
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	-\$8,444
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$54,464
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI122680	55th Midwinter Conference of Immunologists	\$0

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2016	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	\$43,480
2016	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$1,846,510
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$515,694
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$112,845
2016	STANFORD UNIVERSITY	CA	R21AI120476	Role of Pseudouridylation in Toxoplasma Differentiation	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117621	Role of germline transcription in V(D)J rearrangement	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI118686	Structure-based immunogen design for hepatitis C virus	\$0
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI112573	A structural approach to the study of viral Immune interference mechanisms	\$0
2016	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	-\$30,569
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$459,291
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$10
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$1,223
2016	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115127	Genes and pathways regulated by YY1 in early and late B cell differentiation	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	-\$14,000
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretory Pathway	\$0
2016	La Jolla Institute For Immunology	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and anergy	\$0
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$0
2016	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$18,795
2016	STANFORD UNIVERSITY	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$96,662
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120032	Understanding Molecular Pathways for Fetal T Cell Development and Function	\$0
2016	STANFORD UNIVERSITY	CA	F31AI118212	Research Career Development: Investigation of novel Staphylococcus aureus alpha-toxin targets at the cellular adherens junctions	-\$9,740
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R21AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$0
2016	STANFORD UNIVERSITY	CA	R21AI111195	Multiplex clinical viral detection in formalin-fixed paraffin-embedded tissue samples	-\$98

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2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI119728	Transcriptional control of Intestinal CD4+ T cell adaption	\$0
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116377	Potential Protein Coding Regions in FIV Negative Strand RNA	\$0
2016	UNIVERSITY OF CALIFORNIA	CA	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	-\$537,279
2016	SYNTHETIC GENOMICS VACCINES, INC.	CA	R21AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$4,156
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$158,885
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126822	Translational Vaccinology for Global Health	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$225,283
2016	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$620,301
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122627	Tuberculosis Co-Morbidities and Immunopathogenesis	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122397	Drug Discovery for Parasitic Diseases	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122342	Myeloid Cells	\$0
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI110895	Transcriptional Responses Induced by Polyomavirus Attachment and Entry	-\$5,953
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI122463	Mechanisms of adaptive immune suppression during pathogenic chikungunya virus infection	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$1
2016	COLORADO STATE UNIVERSITY	CO	R21AI119567	Unraveling the Origin of Pyrazinamide's Synergy with other anti-TB Drugs	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI120498	Cytokine JAK-STAT Signaling in Immunity and Disease	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R56AI015614	Pathogenesis of Fever in Man	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI120448	Systems Immunology: From Molecular Networks to Human Biology	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122597	Stromal Cells in Immunity	\$0
2016	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$91,975
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI124477	Positive-Strand RNA Viruses	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126784	New Developments in Our Basic Understanding of Tuberculosis	\$0

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2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007447	Colorado HIV Research Training Program	\$95,095
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	-\$436,530
2016	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$55
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122357	Antibodies as Drugs	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122341	T Follicular Helper Cells and Germinal Centers	\$0
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$3,015
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$62,747
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$262,620
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI106499	PrEP and ART adherence monitoring using dried blood spots	-\$472,378
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122450	NF-kappaB and MAP Kinase Signaling in Inflammation	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI123005	HIV Vaccines	\$0
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$15,568
2016	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	-\$13,657
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI124357	B Cells at the Intersection of Innate and Adaptive Immunity	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122337	Immunometabolism in Immune Function and Inflammatory Disease	\$0
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$4
2016	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$0
2016	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$0
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$195,362
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$133,044
2016	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$1,202,788

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2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122351	Nucleic Acid Sensing Pathways: Innate Immunity, Immunobiology and Therapeutics	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126804	Hemorrhagic Fever Viruses	\$0
2016	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	-\$1,948
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$81,735
2016	NATIONAL JEWISH HEALTH	CO	R21AI115696	Regulation of V(D)J Recombination by Arginine Methylation	-\$1,915
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI123008	HIV Persistence: Pathogenesis and Eradication	\$0
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122572	Cell Biology and Immunology of Persistent Infection	\$0
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$0
2016	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$22,096
2016	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$102,552
2016	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$58,380
2016	YALE UNIVERSITY	CT	R13AI125048	20th International Workshop on HIV Observational Databases (IWHOD)	-\$1
2016	YALE UNIVERSITY	CT	K99AI125065	Developing humanized mouse models for the study of HIV-1 latency and viral eradication	\$0
2016	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$45,271
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F30AI110060	The role of CITFA-2 in RNA polymerase I transcription in Trypanosoma brucei	-\$7,289
2016	YALE UNIVERSITY	CT	F30AI112218	Modulation of vascular endothelial alloimmunogenicity by nanoparticle-mediated ge	-\$4,870
2016	VAXINNATE CORPORATION	CT	R21AI128960	Development of a Recombinant Zika Virus Vaccine Based on Subunit Envelope (E) Amtigen Fused to a TLR5 Agonist (Flagellin)	-\$104,267
2016	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$63,718
2016	YALE UNIVERSITY	CT	T32AI007640	Predocctoral Training Program in Microbial Pathogenesis	\$52,090
2016	YALE UNIVERSITY	CT	F32AI118315	Innate Immunity to HPV Infection	-\$3,939
2016	YALE UNIVERSITY	CT	R56AI125504	Vaginally-delivered Nanoparticles for Prevention and Treatment of HSV-2 Infections	\$0
2016	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$87,079
2016	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$125,469
2016	YALE UNIVERSITY	CT	R21AI119813	Expanding the genetic code in Salmonella	-\$208,125
2016	YALE UNIVERSITY	CT	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	-\$179,874
2016	YALE UNIVERSITY	CT	R01AI120369	Mechanisms Regulating Innate Immune Responses	\$19

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2016	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	-\$18
2016	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	-\$1,072
2016	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$38,307
2016	YALE UNIVERSITY	CT	F32AI114095	Determining the structure of the HIV-1 initiation complex	-\$5,681
2016	TANGEN BIOSCIENCES, INC.	CT	R43AI124849	Rapid Detection of Multiple Drug resistant TB from Sputum	-\$20,772
2016	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$25,795
2016	YALE UNIVERSITY	CT	K99AI120845	Molecular basis of HIV restriction by SAMHD1	-\$1,531
2016	YALE UNIVERSITY	CT	R21AI115066	Rab protein functions that impact Coxiella intracellular replication	-\$13
2016	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$9,874
2016	INTERNATIONAL AIDS SOCIETY	DC	R13AI124757	21st International AIDS Conference (AIDS 2016), Durban, South Africa, 17-22 July 2016	\$0
2016	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI126787	6th ASM Conference on Beneficial Microbes: Towards Mechanism and Prediction in Host-Microbe Interactions	\$0
2016	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI122636	13th ASM Conference on Candida and Candidiasis	\$0
2016	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	\$545
2016	CATHOLIC UNIVERSITY OF AMERICA	DC	F32AI115912	A Novel Mucosal Vaccine Delivery System Using Bacteriophage T4 Nanoparticles	-\$39,876
2016	UNIVERSITY OF FLORIDA	FL	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	-\$98,292
2016	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112255	Physiologically-explicit epidemiology: linking size and energetics of snail hosts to human risk of schistosome infection	-\$2,727
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	-\$48,033
2016	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$385,450
2016	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$257,220
2016	UNIVERSITY OF FLORIDA	FL	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	\$197,104
2016	ISENSE LLC	FL	R44AI094781	Rapid Identification of Pathogenic Bacteria and Sepsis Diagnosis	\$0
2016	EMMUNE INC	FL	R44AI124832	WHICH ISOTYPE OF ECD4-IG MOST EFFECTIVELY SUPPRESSES VIRUS REPLICATION?	\$0
2016	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R43AI127037	Eliminating Malaria from Haiti. Reinventing DNA to Eradicate Endemic Parasites	\$0

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2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$81,478
2016	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$50,531
2016	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	-\$149,186
2016	UNIVERSITY OF FLORIDA	FL	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$3,236
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$100,020
2016	UNIVERSITY OF FLORIDA	FL	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$412,437
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$47,434
2016	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$124,464
2016	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$887,241
2016	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	\$82,231
2016	UNIVERSITY OF FLORIDA	FL	R13AI126807	World Melioidosis Congress 2016	\$0
2016	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R03AI127205	The risk of HIV seroconversion following an HPV infection among men	-\$85,854
2016	UNIVERSITY OF SOUTH FLORIDA	FL	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$19,221
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI119787	Lead Optimization of Bis-benzimidazole Analogs for Pathogenic Free-living Amoebae	-\$123,103
2016	UNIVERSITY OF FLORIDA	FL	R56AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	-\$152,835
2016	UNIVERSITY OF FLORIDA	FL	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	\$16,064
2016	UNIVERSITY OF FLORIDA	FL	R01AI125623	Yersinia pseudotuberculosis-based vaccines for plague and yersiniosis	-\$320,991
2016	FLORIDA INTERNATIONAL UNIVERSITY	FL	R21AI115178	Targeting mosquito FREP1 protein for malaria control	\$270,495
2016	EMORY UNIVERSITY	GA	R21AI113385	Respiratory Syncytial Virus G proteins to improve safety/efficacy of vaccines	\$0
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119787	Lead Optimization of Bis-benzimidazole Analogs for Pathogenic Free-living Amoebae	\$123,103
2016	INHIBIKASE THERAPEUTICS LLC	GA	R44AI103982	Advanced PML antiviral	\$0
2016	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$0
2016	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,910,952
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$957

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2016	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$266,523
2016	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$37,558
2016	GEOVAX INC	GA	R43AI120887	Directed Lineage Immunizations for Eliciting Broadly Neutralizing Antibody	\$0
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$86,736
2016	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$485,474
2016	EMORY UNIVERSITY	GA	K23AI116388	A Geospatial Approach to Target HIV-Infected Populations Poorly Engaged in Care	-\$174,042
2016	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$761,648
2016	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$80,064
2016	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	-\$501,509
2016	EMORY UNIVERSITY	GA	F31AI112261	Epigenetic Programming of B cell Terminal Differentiation	-\$18,917
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	-\$45,492
2016	EMORY UNIVERSITY	GA	R21AI115018	Role of MHV68 v-cyclin in virus egress	-\$95,352
2016	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$69,983
2016	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$53,370
2016	EMORY UNIVERSITY	GA	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	-\$614,891
2016	EMORY UNIVERSITY	GA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$175,208
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110849	DEVELOPING A NOVEL VIRAL VECTOR FOR A HUMAN MALARIA VACCINE	-\$12
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	F31AI120487	Function of IRF8 in MDSC and T Cell Differentiation	-\$5,215
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	-\$1
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$375,000
2016	EMORY UNIVERSITY	GA	F31AI115968	The role of NA in virus receptor interaction and HA:NA functional balance	-\$7,792
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$99,147
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$8,887

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2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$817
2016	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$44,153
2016	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,240,630
2016	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$55,665
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F31AI120636	Annotation and Comparative Genomic Analysis of <i>Cryptosporidium baileyi</i>	-\$10,006
2016	EMORY UNIVERSITY	GA	F31AI122973	Delay Discounting and HIV Sexual Risk Behavior in Men who Have Sex with Men	-\$3,270
2016	UNIVERSITY OF IOWA	IA	R01AI099065	Characterization of an extracellular structure produced by <i>Staphylococcus aureus</i>	-\$377,500
2016	UNIVERSITY OF IOWA	IA	R21AI115149	Epigenomic landscape in naive, effector, and memory CD8 T cells	\$0
2016	UNIVERSITY OF IOWA	IA	R01AI108255	Lysine Acetylation in <i>N. gonorrhoeae</i> Quorum Sensing and Biofilm Formation	-\$157,025
2016	UNIVERSITY OF IOWA	IA	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	\$278,715
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: <i>Brugia malayi</i>	-\$61,401
2016	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$77,439
2016	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$193,856
2016	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$0
2016	UNIVERSITY OF IOWA	IA	R21AI113748	A new pathway for azole resistance in <i>Aspergillus fumigatus</i>	\$0
2016	UNIVERSITY OF IOWA	IA	R01AI125446	Development and function of CD4+ memory T cells during malaria	\$96,502
2016	UNIVERSITY OF IOWA	IA	R56AI055042	Regulation of <i>Pseudomonas aeruginosa</i> type III secretion	-\$176,753
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	-\$54,908
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R13AI123007	Vaccines Against Antigenically Variable Viruses Symposium	\$0
2016	UNIVERSITY OF IDAHO	ID	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	\$515,409
2016	IDAHO STATE UNIVERSITY	ID	R21AI126755	Investigation of the FAS-II enzyme, FabK, as a druggable target for <i>C. difficile</i>	-\$118,598
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$4,486
2016	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$19,701
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI115092	Deciphering how bacterial pheromone signaling enhances <i>Listeria</i> virulence	\$0

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2016	EDEN PARK ILLUMINATION, INC.	IL	R41AI125006	Monochromatic 222 nm UV light: Development of a safe, cost-effective technology for the efficient reduction of bacterial and viral infection and transmission	-\$345
2016	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$52,738
2016	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$27,321
2016	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$218,572
2016	UNIVERSITY OF CHICAGO	IL	R21AI119725	Safe and universal live-attenuated plague vaccine	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117080	Antimicrobial activity of pH-activated polypeptides toward H. pylori	-\$63
2016	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$26,764
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI114611	Small molecule inhibitors of adenovirus-induced downregulation of MHC I	\$0
2016	UNIVERSITY OF CHICAGO	IL	R21AI118998	Public health targeting of PrEP at HIV positives' bridging networks	\$0
2016	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	\$10,684
2016	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$0
2016	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$41,579
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI117687	Characterization of chromatin loops responsible for Igh locus contraction	\$0
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI110685	Molecular dissection of Pseudomonas aeruginosa Exotoxin T virulence functions	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117497	Intracellular trafficking of the mitochondrial targeting toxin VacA from Helicobacter pylori	\$0
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$31,944
2016	UNIVERSITY OF CHICAGO	IL	R21AI115308	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$0
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	-\$155,000
2016	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$57,676
2016	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$0
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$40,311

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2016	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$1,137
2016	NORTHWESTERN UNIVERSITY	IL	R21AI115055	Novel asthma pathogenesis genes in the mucosa of the human airways	\$0
2016	NORTHWESTERN UNIVERSITY	IL	R21AI120618	A novel mouse model to monitor inflammasome activation in vivo	\$0
2016	UNIVERSITY OF CHICAGO	IL	R21AI120010	Direct visualization of serial engagement by T cell receptors	\$0
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI115171	Exploring HCV infection in engineered cultures of iPSC-derived human liver cells	-\$43
2016	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$38,461
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI115954	Functional analyses of a Listeria secretion chaperone essential for virulence	-\$8,198
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$85
2016	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$18,074
2016	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	\$4,386
2016	PURDUE UNIVERSITY	IN	K22AI113078	The role of BamA in the biogenesis of beta-barrel membrane proteins	\$0
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	-\$4,480
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$60,212
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	-\$150,820
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI121197	Embryonic origin and self-renewal of B-1a cells	-\$341,440
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI119623	Regulation of Humoral Immunity by Tox	-\$1
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$429,680
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	-\$7,601
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI110990	LTB4 and the control of methicilin resistant Staphylococcus aureus infection	\$0
2016	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$80,620
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI112844	IRF4 and immunity to influenza infection	-\$283,530
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117380	Granzyme A-secreting T cells in allergic inflammation	\$0
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	-\$291,429
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$17,747

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2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI115187	High-throughput fluorescence screening for inhibitors of TonB-dependent iron transport	\$0
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI116517	Exploitation of host glycolysis by Legionella	-\$419
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	-\$46,116
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$40,165
2016	MOSQUITOMATE INC	KY	R43AI112048	Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$0
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI108234	Autumn Immunology Conference	\$0
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	\$146
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$176,764
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$602,683
2016	Louisiana State University System	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$271,204
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110158	Modified CMV-specific T cells to Target HIV	-\$55,412
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$82,796
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	-\$9,970
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$16,714
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$72,453
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$91,705
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110158	Modified CMV-specific T cells to Target HIV	\$55,412
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$33,694
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$45,902
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$146,580
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115448	Characterization of Chromatin associated Long non-coding in immunity	-\$1

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2016	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$4,913,858
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	-\$1,442
2016	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$2,985,881
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$172,650
2016	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$371,777
2016	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$51,735
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$45,635
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$545,397
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$7,162
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	\$141
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$295,462
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI111191	Mechanisms Underlying Delayed Transplant Tolerance	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115136	B Cell Tolerance to Transplantation Antigens	-\$318
2016	DANA-FARBER CANCER INSTITUTE	MA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	-\$121,915
2016	VIVONICS INC	MA	R43AI118114	iMedPAL: Improving Medical Prescription Adherence by Leveraging Mobile Technology	\$29,623
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$1,726
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI113121	Functional characterization of Trypanosoma cruzi-host cytoskeletal interactions	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI115137	Characterization of a Novel Growth and Survival Factor for Human Mast Cells	\$0
2016	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$971,790
2016	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$166,830
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$560,654
2016	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$88,787
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	-\$4,660
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$9,908

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2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$56,304
2016	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$214,413
2016	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$502,916
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI110882	Role of STIM1 in E. coli Pneumonia	-\$188,797
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	-\$162,029
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$79,983
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$178,472
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$137
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115476	T cell responses at the site of infection	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$0
2016	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$228,603
2016	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$18,647
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$560,460
2016	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$156,204
2016	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$32,402
2016	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$197,479
2016	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$6,593
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI108144	Interrogating the Cellular Mechanisms of Host-Pathogen Interactions during IBD	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K22AI114810	The role of nociceptor neurons in bacterial host defense and inflammation	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI110046	Dissecting the role of YceG in E. coli cell wall biogenesis	-\$5,436
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$2,500
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$98,829
2016	TUFTS UNIVERSITY	MA	K22AI116262	HIV-1 Env antagonism by ground state stabilization	-\$29
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI116363	HIV-specific responses mediated by human NK cells	-\$323,930

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2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI112991	Staphylococcus Aureus Carriage and the Nasal Microbiome	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119885	Functionally dissecting the transcriptional regulatory network of the innate immune response using CRISPR-effectors	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	-\$8,788
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$707
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$462,907
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$164,572
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$453,719
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101048	Plasticity of T helper cell differentiation	\$0
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI104287	Mycobacterial single cell drug susceptibility	-\$25,362
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	\$20,311
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	-\$136,840
2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI117373	Non-invasive imaging of the immune response based on the use of isotopically labeled single domain antibody fragments	-\$465
2016	TUFTS UNIVERSITY	MA	R21AI110826	Developing a novel strategy to uncover vaccine targets in bacterial pathogens	-\$110
2016	ENBIOTIX, INC.	MA	R43AI126978	Engineered bacteriophage as a platform to deliver nucleic acid based therapeutics to bacteria to disperse biofilms in implant-associated infections such as prosthetic joint infections	\$0
2016	HARVARD PILGRIM HEALTH CARE, INC	MA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	\$123,326
2016	ARC BIO, LLC	MA	R43AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	\$225,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$61,708
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$132
2016	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$18,439
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$0
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	-\$111,830

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2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$29,888
2016	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$18,479
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$201,760
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$728,514
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI110522	Antimicrobial Chemicals in Allergic Disease	-\$90,086
2016	Trustees Of Boston University	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$1,727
2016	BETH ISRAEL HOSPITAL	MA	R21AI118468	Enhancing Resolution of Memory NK cells in CMV- and SIV-infected macaques	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113459	Characterization of a novel combined immunodeficiency with skeletal dysplasia	-\$133,343
2016	BETH ISRAEL HOSPITAL	MA	R21AI112694	VALIDATION OF A HIGH THROUGHPUT SCREEN FOR KPC PLASMID EVICTION	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111606	Modeling human anti-viral humoral responses in the young and elderly	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$212,442
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$0
2016	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$194,161
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$122,352
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$3,118
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$23,172
2016	Trustees Of Boston University	MA	R21AI115223	Functional definition of guide RNAs	\$0
2016	UNIVERSITY OF MASSACHUSETTS	MA	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$90,970
2016	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$136,351
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117313	Natural Wolbachia infections for the control of Anopheles mosquitoes	\$0
2016	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R03AI100707	Optimized second-generation recombinant mycobacteria vaccine vectors against HIV	-\$869
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122363	Dissecting the role of Escherichia coli peptidoglycan synthase activators	\$0
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R33AI111713	Targeting cell separation systems of gram-negative bacteria.	\$144,420
2016	BIOSENSE TECHNOLOGIES	MA	R43AI120368	Rapid Phenotypic Antibiotic Susceptibility Testing	\$0
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126889	Genetic screens for erythrocyte determinants of protein trafficking in malaria parasites	-\$16,124

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126154	Functional analysis of Plasmodium vivax drug resistance polymorphisms	-\$16,124
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$530,497
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$256,847
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$242,133
2016	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$3,828
2016	TUFTS UNIVERSITY	MA	R01AI122232	Spore Assembly in Clostridium Difficile	\$157,790
2016	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$150,118
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	-\$170,527
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI114131	Probing with a panel of beta-lactams to find genetic resistance factors in MRSA	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R00AI110649	Molecular signatures of high salt induced pathogenic T cells	\$0
2016	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI116355	Interplay between antibody affinity maturation and HIV evolution in a single host	-\$6,784
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI109855	Regulation of Expression and Immunity in the Enterococcus Faecalis Cytolysin	-\$11,257
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI124565	Bacterial Meeting 2016-2021	\$0
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI116228	Targeting HIV-1 persistence with Interferon-a	\$133,391
2016	TUFTS MEDICAL CENTER	MA	R21AI122898	RNAseq analyses in immunocompromised and immune competent mice infected with the AIDS pathogen Cryptosporidium	-\$168,232
2016	UNIVERSITY OF MASSACHUSETTS	MA	F31AI112282	The Role of Innate IL-17 Responses to Aspergillus fumigatus	-\$20,765
2016	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$469,294
2016	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$1
2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	-\$3,298
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	-\$808
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	-\$317
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$291,402
2016	Trustees Of Boston University	MA	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	-\$853,212

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI111039	Role of MR1-Restricted MAIT Cells in Intestinal Infection	\$0
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	-\$120,589
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$84,916
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	-\$152,908
2016	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$20,105
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$21,723
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$176,710
2016	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$0
2016	PROTEIN POTENTIAL LLC	MD	R43AI106158	Live Attenuated Oral Typhoid-Shigellosis Vaccine	\$0
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI124546	FASEB SRC on Ubiquitin & Cellular Regulation	\$0
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126653	FASEB SRC on Virus Structure and Assembly	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$87,085
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$904,394
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$175,246
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111072	LAMPoles for Dengue Diagnosis	\$260,021
2016	SCANOGEN INC	MD	R43AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$0
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126670	FASEB SRC on Molecular Biophysics of Membranes	\$0
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI112209	Characterization of peptidoglycan from the human pathogen Chlamydia trachomatis	-\$18,978
2016	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$1,872,633
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI112208	Analysis of molecular factors influencing variability of mosquito gut microbiota	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	-\$407,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	-\$19,041

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2016	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$353,958
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$50,535
2016	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	-\$90,970
2016	AKONNI BIOSYSTEMS INC	MD	R44AI085650	Diagnostic array for aseptic encephalitis	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$215
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$22,080
2016	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$33,991
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$164,051
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$62,638
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI110028	The POA-RpsA interaction in trans-translation inhibition in M. tuberculosis	-\$6,554
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI117201	Role of Autophagy in Malaria Sporozoite Differentiation	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI117095	Host-targeted therapeutics for pertussis in infants	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$120,589
2016	CELLEX INC	MD	R43AI122464	A RAPID ASSAY FOR DETECTION OF DETECTION OF CARBAPENEMASE PRODUCING ORGANISMS	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$69,907
2016	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$1,354,934
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$922,261
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$114,173
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI118303	Repurposing of ABL kinase inhibitors for treatment of Coronavirus infections	-\$1
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI123964	Secretin Architecture	-\$172,589
2016	AMERICAN GASTROENTEROLOGICAL ASSOCIATION INSTITUTE INC	MD	R24AI118629	Fecal Microbiome Transplant National Registry	\$124,928
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	-\$31

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2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$32,155
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	\$419,976
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$106,138
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	-\$210,609
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119566	Sphingosine-1-phosphate signaling in pertussis pathogenesis and therapeutics	\$0
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	\$0
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$126,416
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	-\$118,800
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$324,457
2016	BIOLOGICAL MIMETICS, INC	MD	R44AI085683	Development of the first HRV vaccine	\$0
2016	UNIVERSITY OF MARYLAND	MD	R21AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$0
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI124498	FASEB SRC on Calcium and Cell Function	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI118606	Isolation of Regulators of Immune Cell Behavior	\$0
2016	JOHNS HOPKINS UNIVERSITY	MD	R03AI111300	RICKETTSIAL INFECTIONS IN MALAYSIA	-\$68,842
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	-\$39,729
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$441,087
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$3
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	\$472,566
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	-\$82,839
2016	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$92,893
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126647	FASEB SRC on IgE and Allergy: 50 Years and Onward	\$0
2016	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$699,396

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2016	Regents of the University of Michigan	MI	R21AI114220	Respiratory viral infection and microRNA in children with asthma	\$0
2016	Western Michigan University School of Medicine	MI	R01AI029690	Aberrant Signaling in B1 Cells	\$417,221
2016	Regents of the University of Michigan	MI	K08AI101008	The development and function of CD8+ innate-like lymphocytes	\$201,324
2016	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$122,496
2016	Regents of the University of Michigan	MI	R56AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$121,712
2016	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$151,098
2016	Regents of the University of Michigan	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$1,426,594
2016	Western Michigan University School of Medicine	MI	R03AI123875	B1a Cell Function in Sickle Cell Disease	\$75,500
2016	Regents of the University of Michigan	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$0
2016	Regents of the University of Michigan	MI	R00AI093884	CELLULAR AND MOLECULAR BASIS OF GAMMA/DELTA T CELL ANTIGEN RECOGNITION	\$0
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$519
2016	Regents of the University of Michigan	MI	R33AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$24,937
2016	Regents of the University of Michigan	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell developmen	\$0
2016	WAYNE STATE UNIVERSITY	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	-\$1,227,934
2016	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$15,333
2016	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$949,200
2016	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$343,931
2016	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$0
2016	Western Michigan University School of Medicine	MI	R21AI126336	IgM vs IgG natural antibodies that bind pathogenic apolipoprotein B100	\$188,750
2016	Regents of the University of Michigan	MI	R56AI127070	Elicitation of mucosal immune responses against HIV	-\$245,191
2016	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$125,697
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI113406	Developing methods to engineer therapeutic proteases	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R34AI118416	Epitope mismatch and medication nonadherence	-\$37,628
2016	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$110,976

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2016	MAYO CLINIC	MN	R21AI119612	Targeting macrophage Bcl6 to enhance innate resistance to influenza	\$57,682
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038903	T cell homeostasis	\$22,005
2016	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	-\$53,603
2016	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$0
2016	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$0
2016	UNIVERSITY OF MINNESOTA	MN	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	-\$502,868
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI119896	Capturing Alphavirus Pre-Fusion Intermediates on a TEM Grid	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$0
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$142,396
2016	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$3,034
2016	UNIVERSITY OF MINNESOTA	MN	K22AI110581	Harnessing microRNAs to explore influenza virus immunity	\$0
2016	MAYO CLINIC	MN	R01AI112844	IRF4 and immunity to influenza infection	\$288,980
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$88,985
2016	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$0
2016	WASHINGTON UNIVERSITY	MO	F32AI115965	Elucidating the role of heat shock protein 101 in malaria effector protein export	-\$23,015
2016	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$329,799
2016	WASHINGTON UNIVERSITY	MO	R21AI120606	CHROMATIN-BASED DISCOVERY OF ILC GENE REGULATORY CIRCUITS	-\$42
2016	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$40,018
2016	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$5,344
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$124,761
2016	WASHINGTON UNIVERSITY	MO	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$80,000
2016	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$252
2016	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$12,322

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2016	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$119,686
2016	SAINT LOUIS UNIVERSITY	MO	R03AI111047	A High throughput Reverse Genetics System for Hepatitis C Virus	\$0
2016	WASHINGTON UNIVERSITY	MO	R03AI120840	NANOSCALE ARCHITECTURE OF ESCRT MACHINERY IN HIV RELEASE	\$0
2016	WASHINGTON UNIVERSITY	MO	K22AI116258	Identification of novel protein-RNA interactions during HIV-1 particle genesis	\$0
2016	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$2,793
2016	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$55,528
2016	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$118,839
2016	WASHINGTON UNIVERSITY	MO	R21AI114549	ENDOTHELIAL FACTORS IN CRYPTOCOCCAL MIGRATION ACROSS THE BLOOD-BRAIN BARRIER	\$0
2016	INTACT GENOMICS INC	MO	R44AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	\$2
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	-\$340,977
2016	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$205,502
2016	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$149
2016	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$0
2016	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$538
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$153,892
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112029	Nitric oxide-releasing cystic fibrosis therapeutics	-\$1,642
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	\$0
2016	BRIGHTON DEVELOPMENT	NC	R43AI122405	Novel Low Temperature Sterilization Method for Flexible Endoscopes	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$97,016
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$69,113
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$1,067,837
2016	Duke University	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$0

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2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$132,567
2016	Duke University	NC	R13AI125032	10th INTEREST Workshop on HIV	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$430,911
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$80
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$77,519
2016	Duke University	NC	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$23,440
2016	Duke University	NC	R21AI121742	Roles of Early Life Colonization and Environmental Antigens on Childhood Asthma	-\$98,291
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$40,800
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$129,087
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	-\$10
2016	VIAMET PHARMACEUTICALS INC	NC	R33AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	-\$5
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	\$28,049
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	-\$165,124
2016	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$180,542
2016	MYCOSYNTHETIX INC	NC	R43AI118075	Fungal Metabolites Fuel Drug Discovery for Pathogenic Free-Living Amoebae	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$67,472
2016	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$5
2016	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$90,375
2016	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$2,155,110
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$142,083
2016	Duke University	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$66,312

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$8,957
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$0
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI126730	Chikungunya Pathogenesis in a Complex Population	-\$39,876
2016	Duke University	NC	R03AI111300	RICKETTSIAL INFECTIONS IN MALAYSIA	\$68,842
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$103,910
2016	CAPTURE PHARMACEUTICALS INC	NC	R44AI115751	C2E2-An Orally Administered Radionuclide Decorporation Agent	\$0
2016	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$1,570
2016	CELL MICROSYSTEMS INC	NC	R41AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	\$0
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$192,751
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$806,896
2016	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$24,190
2016	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$35,391
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	\$406,714
2016	PRINCETON UNIVERSITY	NJ	R21AI117213	Impact of species-specific host responses on restriction of hepatotropic viruses	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$77,207
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$392,133
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI110573	Interrogating innate immunity to helminth parasites	-\$4
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI111647	Discovery and Validation of Drug Targets in Vulnerable Populations	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$953,388
2016	PRINCETON UNIVERSITY	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	-\$15,393
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV -1 Transmission and Inhibition	\$361,733
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115452	Genetics identify HLA-DMB as a disease determinant for human type 1 diabetes	\$0
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$15,393
2016	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$1,485

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$0
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$91,883
2016	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	-\$7,834
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	\$197,932
2016	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	\$66,170
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI117224	Pyrazinamide Breath Test for TB	-\$188,104
2016	UNIVERSITY OF NEVADA-RENO	NV	R21AI117491	Risk of CFS Due to IgG Receptor Genes that Impair ADCC	-\$930
2016	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$272,549
2016	DXDISCOVERY INC	NV	R44AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$143,827
2016	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$1,491
2016	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$72,933
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116022	HUMAN TONSIL EXPLANTS AS A NOVEL MODEL FOR STUDYING DENGUE VIRUS INFECTION	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	\$58,637
2016	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$0
2016	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$307,906
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$4,867
2016	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$1,023,458
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI116082	miRNA-mediated regulation of LPS tolerance	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI119304	Chemical intervention of influenza virus RNA nuclear export	\$0
2016	SUNY, STONY BROOK	NY	R56AI047837	Regulation of morphogenesis in C. albicans	-\$325,348
2016	UNIVERSITY OF ROCHESTER	NY	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$26,100
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	-\$298,096

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2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	-\$255
2016	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$659,956
2016	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$56,593
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$0
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$9,318
2016	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$59,509
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$114,483
2016	ROCKEFELLER UNIVERSITY	NY	R21AI113419	Generation, characterization and validation of a T.brucei overexpression library.	-\$2,011
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI118337	Host and viral determinants of hepatitis C virus macaque infection	\$0
2016	UNIVERSITY OF ROCHESTER	NY	F32AI126634	Allelic heterozygosity in Candida albicans Zn(2)Cys6 transcription factor function	\$0
2016	ROCKEFELLER UNIVERSITY	NY	F32AI124479	Antibiotics Around Us: Improving metagenome mining for the discovery of novel natural products from microbial communities.	-\$20,894
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$322,968
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$1
2016	POPULATION COUNCIL, INC	NY	R01AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$426,705
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$29,408
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$709,605
2016	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$1,202
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$0
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	-\$75,998
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$8,871
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	\$46,147

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2016	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$15,857
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	\$56,321
2016	JAN BIOTECH, INC.	NY	R41AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$0
2016	COLD SPRING HARBOR LABORATORY	NY	R13AI122482	CSHL 2016 Gene Expression and Signaling in the Immune System	\$0
2016	New York University	NY	K99AI119401	High-throughput studies of reassortment and coinfection of influenza viruses	-\$21,227
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI126336	IgM vs IgG natural antibodies that bind pathogenic apolipoprotein B100	-\$206,250
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	-\$487,924
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	-\$327,552
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$551,494
2016	ROCKEFELLER UNIVERSITY	NY	R01AI050111	HIV-1 assembly and release	\$215,799
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	-\$228,530
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$5,335
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	-\$3,236
2016	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$0
2016	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$91,699
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI115226	Functional interrogation of paramyxovirus genomes with efficient reverse genetics	\$0
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$282,149
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$0
2016	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$5,590
2016	CORNELL UNIVERSITY	NY	R21AI111081	Role of TLR9 in infection and host response to HHV-6A	-\$1,532
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$114,980
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	\$280,048
2016	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	-\$8,365

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2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R33AI102240	Discovery and evaluation of anti-filovirus therapeutics targeting NPC1	-\$403
2016	ROCKEFELLER UNIVERSITY	NY	R21AI112602	Chromosome fragility and translocations in lymphocytes	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R13AI124977	8th International Workshop on HIV Pediatrics	-\$588
2016	SUNY, STONY BROOK	NY	F30AI112203	Identification and inhibition of hydrolases in Mycobacterium tuberculosis	-\$7,696
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F32AI122715	LILRB as a homeostatic regulator of human macrophage classical activation	-\$40,111
2016	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$156,567
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	-\$97
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$245,288
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$111,623
2016	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$504,624
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$0
2016	TRUDEAU INSTITUTE	NY	R21AI111000	Defining the role of lymphotoxin signaling in viral-induced lung immunopathology	-\$215,699
2016	CUNY, RESEARCH FOUNDATION	NY	R21AI121784	The representative microbiome: social determinants and tools for population research	\$0
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI123875	B1a Cell Function in Sickle Cell Disease	-\$84,250
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	\$419,267
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$67,967
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$60,000
2016	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$160,737
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$93,435
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$1,913
2016	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$0
2016	BIOPEPTIDES INC	NY	R43AI120364	A Rapid Point-of-Care Assay for the Diagnosis of Lyme Disease	\$0

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2016	BIOPEPTIDES INC	NY	R43AI122399	Peptide-based Multiplex Assay for Lyme disease Serodiagnosis	\$0
2016	SUNY, BUFFALO	NY	R21AI119415	The Role of US28 During HCMV Latency	-\$173,537
2016	ROCHESTER GENERAL HOSPITAL	NY	R03AI117700	Immune potentiation to improve neonatal and pediatric vaccines	\$0
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$7,292
2016	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$63,000
2016	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$0
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$297,000
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$247,325
2016	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	-\$57,981
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$58,167
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$655,634
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$103,806
2016	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	\$57,037
2016	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$315,617
2016	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$8,273
2016	UNIVERSITY OF ROCHESTER	NY	R03AI122126	Human Milk Cytokines and Oligosaccharides in Development of Allergic Diseases	\$0
2016	ROCKEFELLER UNIVERSITY	NY	K99AI121473	Intrinsic and innate barriers to respiratory virus infections	-\$58,184
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	-\$421,942
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$1,565,414
2016	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$11,727
2016	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$12,196
2016	ROCKEFELLER UNIVERSITY	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$384,958
2016	SUNY, STONY BROOK	NY	F31AI118220	Regulation of caspase-1 activation by IQGAP1 during bacterial infection	-\$19,793

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2016	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$861,423
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	-\$35,123
2016	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	-\$2,755
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$85,056
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$83,278
2016	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	\$137,741
2016	SUNY, BUFFALO	NY	R03AI115407	Identifying the transcriptional control mechanisms of p63 in Atopic Dermatitis	-\$12
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$269,291
2016	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	-\$455,077
2016	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$187,943
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$183,752
2016	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$0
2016	Research Institute at Nationwide's Children's Hospital	OH	R21AI117547	Metabolic dysregulation and therapeutic intervention in asthma	-\$6,538
2016	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$76,274
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI118302	Lipoxins and control of inflammation during cerebral malaria	-\$176,874
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI123783	Role of TRIF and EGFR in STING Signaling	-\$199,256
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	-\$173,677
2016	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$1,465
2016	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$5,744
2016	Research Institute at Nationwide's Children's Hospital	OH	R13AI112234	Seventh Annual Pediatric Asthma Conference: Community Engagement as a Bridge to Improve Asthma Outcomes	\$0
2016	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	-\$65,296
2016	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$11,157
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$279,167
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$6,641

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2016	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$104,856
2016	GUILD ASSOCIATES INC	OH	R33AI100164	Bioluminescent reporter phage for the diagnostic detection of shigellosis	\$0
2016	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$164,472
2016	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,040,676
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$105,887
2016	UNIVERSITY OF CINCINNATI	OH	R21AI120084	Mechanism of restored immune tolerance in anti-TLR4 antibody reversal of NOD T1D	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$27,062
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI119415	The Role of US28 During HCMV Latency	\$178,129
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$10,491
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI125446	Development and function of CD4+ memory T cells during malaria	-\$95,180
2016	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$3,976
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$3,216
2016	UNIVERSITY OF OKLAHOMA	OK	R21AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	-\$294
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI121925	Characterization of a C. difficile Toxin-Encoded Cell Penetrating Peptide	-\$43,363
2016	IMMUNO-MYCOLOGICS INC	OK	R44AI096945	Lateral Flow Assay for Diagnosis of Histoplasmosis	\$0
2016	UNIVERSITY OF OKLAHOMA	OK	R21AI115390	Procuring Native Natural Product Producers by In Situ Chimera Assembly	-\$871
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI126741	49th Annual Meeting of the Society for Leukocyte Biology (SLB). Inflammation, Immunity and Cancer: Neutrophils and Other Leukocytes	\$0
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	-\$52,720
2016	UNIVERSITY OF OKLAHOMA	OK	R21AI115178	Targeting mosquito FREP1 protein for malaria control	-\$236,014
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	-\$282,978
2016	REED COLLEGE	OR	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	-\$373,238
2016	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$81,513
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI116107	T cell response to fibroblast-trophic CMV vaccine in humans	\$0
2016	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI126606	International Herpesvirus Workshop	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$245,512
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$106,934
2016	TOMEGAVAX INC	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	-\$986,188
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$0
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	\$16,421
2016	TOMEGAVAX, INC.	OR	R43AI126963	A Cytomegalovirus Vectored Chagas Disease Therapeutic Vaccine	\$224,959
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	-\$282,289
2016	TOMEGAVAX INC	OR	R43AI126963	A Cytomegalovirus Vectored Chagas Disease Therapeutic Vaccine	-\$224,959
2016	TOMEGAVAX, INC.	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$986,188
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F31AI122471	Establishing a non-human primate model of HLA-E-restricted CD8+ T cells	-\$5,844
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI032539	Cell Biology of Reovirus Infection	\$428,438
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$134,237
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	-\$133,758
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$1,128,855
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI118887	Reovirus Attachment Mechanisms	\$491,935
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109472	IL-10 producing neutrophils during respiratory virus infection	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$693,115
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$1,818
2016	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$22,837
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$10,385
2016	INSTITUTE FOR CANCER RESEARCH	PA	R13AI120569	The ThymUS 2016 International Conference on Lymphopoiesis	\$0
2016	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	-\$1,307,219
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$54,674
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$329,731

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2016	VENATORX PHARMACEUTICALS INC	PA	R43AI118115	Discovery and Advancement of Chikungunya virus inhibitors	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117718	Defining the role of microRNAs in CD8 T cell exhaustion	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$195,292
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI038296	Molecular Basis of Reovirus Pathogenesis	\$179,531
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$38,979
2016	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$28,557
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$2,736
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$292,881
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$67,886
2016	VENATORX PHARMACEUTICALS INC	PA	R44AI122421	Advancement to Clinical Candidate of Novel, Potent and Selective Chikungunya virus inhibitor series	\$17,956
2016	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117365	Harnessing inflammasome activation to enhance efficacy of Salmonella vaccines	\$0
2016	VENATORX PHARMACEUTICALS INC	PA	R43AI124925	Discovery of inhibitors of BK polyomavirus	\$5,472
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$116,303
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$312,883
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI115230	Poxviruses and Pro-Resolving Lipids	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$66,475
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$0
2016	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$83,950
2016	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	-\$42,037
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$37
2016	IMMUNOMIC THERAPUETICS INC.	PA	R43AI118003	Development of Nanoplasmid LAMP-based Peanut Allergy Immunotherapy	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	K22AI112570	Super-enhancer structure defines a signature of inflammatory bowel disease (IBD)	\$0
2016	DREXEL UNIVERSITY	PA	R56AI028398	Mitochondrial Functions in Malaria Parasites	-\$54,672
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$185,116
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	-\$20

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2016	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$0
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$319,732
2016	UNIVERSITY OF PENNSYLVANIA	PA	R13AI124627	20th Annual Woods Hole Immunoparasitology Meeting	\$0
2016	THOMAS JEFFERSON UNIVERSITY	PA	R56AI123272	Development of a single-dose rabies vaccine	-\$233,921
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$192,508
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$19,640
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	\$435,950
2016	WISTAR INSTITUTE	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	-\$337,778
2016	UNIVERSITY OF PITTSBURGH	PA	R56AI043603	Murine Memory B Cell Development and Function	-\$63,345
2016	WISTAR INSTITUTE	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	-\$326,422
2016	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$930,924
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124513	2016 Biology of Acute Respiratory Infection Gordon Research Conference & Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126824	2016 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conference & Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126725	Cellular and Molecular Fungal Biology Gordon Research Conference	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124475	2016 Microbial Toxins & Pathogenicity Gordon Research Conferences and Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124455	2016 NOX Family NADPH Oxidases Gordon Research Conference & Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126973	2016 Microbial Stress Response GRC & GRS:Sensing, Adaptation and Evolution in Microbes that Experience Stress	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124614	2016 Immunochemistry & Immunobiology Gordon Research Conference & Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI122289	2016 Biology of Spirochetes Gordon Research Conference & Gordon Research Seminar	\$0
2016	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$346,718
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124469	2016 Chemotactic Cytokines Gordon Research Conference & Gordon Research Seminar	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126686	Bacterial Cell Surfaces: Assembly and Function of Bacterial Surfaces from the Molecular to Intercellular Scales	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126685	2016 Drug Resistance Gordon Research Conference	\$0
2016	GORDON RESEARCH CONFERENCES	RI	R13AI122053	2016 New Antibacterial Discovery and Development Gordon Research Conference and Gordon Research Seminar	\$0

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2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$156,379
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118887	Reovirus Attachment Mechanisms	-\$489,196
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R13AI124613	ANAEROBE 2016: The 13th Biennial Congress of the Anaerobe Society of the Americas (ASA)	-\$688
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI123348	Chikungunya Virus Replication and Pathogenesis	-\$721,191
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	-\$86,368
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI113858	Hospital Admissions & Emergency Room Visits in Adults Associated with Influenza C	-\$17,524
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI127205	The risk of HIV seroconversion following an HPV infection among men	\$98,712
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$371,997
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	\$23,314
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI120790	Predictors of treatment toxicity, failure, and relapse in HIV-related tuberculosis	-\$68,023
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	-\$46,893
2016	IQUITY LABS, INC.	TN	R43AI124766	Long non-coding RNA signatures to classify multiple sclerosis	\$0
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$48,308
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$21,256
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI119796	Expansion of spectrum of activity of pleuromutilin for MDR Gram-negative bacteria	\$0
2016	UNIVERSITY OF TENNESSEE	TN	R13AI124621	X International Conference on Hemorrhagic Fever With Renal Syndrome(HFRS), Hantavirus Pulmonary Syndrome (HPS) and Hantaviruses	-\$1,281
2016	UNIVERSITY OF TENNESSEE	TN	R13AI126819	2016 Apicomplexon Genome Analysis Workshop	-\$986
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI032539	Cell Biology of Reovirus Infection	-\$424,671
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	-\$276,532
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$287,006
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Activation-Induced Cell Death in T Cells	\$2,390
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$66,619
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$527

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2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$172,736
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$111,511
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$5,110
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$81,726
2016	TEXAS TECH UNIVERSITY	TX	R21AI119782	Discovery of New Anti-amoeba Therapeutics	\$0
2016	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI111120	Viral nanoparticles as ultrasensitive reporters in lateral-flow assays	\$0
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI111000	Defining the role of lymphotoxin signaling in viral-induced lung immunopathology	\$168,688
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI116222	Novel small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$68,752
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	\$108,820
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$55,150
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$76,759
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	-\$381,692
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	-\$332,787
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$192,501
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$71,296
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$19,379
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	F32AI120589	Mycobacterium tuberculosis dissemination and extrapulmonary spread	\$0
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$381,323
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$4,696
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	-\$301,111
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI114961	Characterization of LiaR from multidrug-resistant E. faecium	\$0
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI020624	Analysis of Staphylococcus Aureus Host Interactions	-\$15,813
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$91,972

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2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	-\$46,134
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$337,063
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$560
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$2,272,866
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$233,743
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on Customized Nanotrap	-\$398,750
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	-\$30,869
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R33AI116208	Adipose Tissue is a significant reservoir for HIV	\$13,624
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$170,014
2016	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	-\$56,516
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	K01AI125830	Integrative Modeling of study design and transmission dynamics to infer epidemic drivers and inform decision-making: Applications to HIV and other emerging pathogens	-\$116,065
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI116030	Eastern Equine Encephalitis Emergence in Panama	\$0
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$375,131
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$273,560
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$93,607
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$162,139
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$402,020
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI115082	Novel broad spectrum inhibitors of filovirus infection	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114335	Mechanisms of Action of Novel HIV Rev Co-factors	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R56AI032956	Beta Lactamase Mutations in Antibiotic Resistance	-\$227,849
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$78,111
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	\$201,696

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2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	-\$132,596
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F32AI114182	Structure-function analyses of bacterial Type IV secretion system subassemblies	-\$20,935
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113771	Functional Portraits of tRNA-derived Small Non-coding RNAs	-\$202
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI126722	The role of the human gut microbiota in modulating virulence of Enterohemorrhagic E. coli	\$0
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115138	Identification and disruption of mosquito heme transporters	\$190,678
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115420	Role of microenvironmental cues in CD8 T cell activation and memory generation	\$0
2016	RICE UNIVERSITY	TX	R21AI115014	Dynamical interrogation of the Bacillus subtilis sporulation network using an engineered light-switchable promoter system	\$0
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI119617	Improvement of genetic analysis in the pathogenic zygomycete Mucor circinelloides	\$39,978
2016	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	-\$31,824
2016	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$299
2016	NAVIGEN INC	UT	R56AI127092	Depot formulation of a D-peptide HIV entry inhibitor	\$29,100
2016	UNIVERSITY OF UTAH	UT	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	-\$303,450
2016	UNIVERSITY OF UTAH	UT	R33AI116212	A family of compounds that reactivate latent HIV without T cell activation	-\$376,856
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$126,706
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$168,958
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$84,647
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$38,637
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	\$0
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI110146	SHP 1 Regulates Conventional T cell Resistance to Regulatory T Cell Suppression	-\$325
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	-\$394,389
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI118269	Genetic basis of secondary lymphoid organ protection after virus infection	\$0
2016	GEORGE WASHINGTON UNIVERSITY	VA	R33AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$512,980

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2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI114960	An Unanticipated Role of SAPS1 in IgE Production	-\$1
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI119588	Allosteric regulation of a viral RNA-dependent RNA polymerase	-\$1
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$117,520
2016	CHILDRENS SPECIALTY GROUP, PLLC	VA	R43AI120294	Peptide inhibition of complement-mediated hemolysis after xenotransfusion.	\$0
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI123964	Secretin Architecture	\$170,426
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$77,288
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	\$221,194
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$28,956
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$11,653
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$538
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	-\$394,513
2016	CELETRIX LLC	VA	R41AI122510	development of immunodeficient rabbit models	\$0
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R13AI126727	Rickettsiales: Host-Vector-Pathogen Interactions	\$0
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115138	Identification and disruption of mosquito heme transporters	-\$193,344
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$17,463
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R13AI122681	11th International Symposium on Bordetella	-\$12
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	\$320,530
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI125433	ORMDL3-ceramide axis in allergic asthma	-\$313,424
2016	UNIVERSITY OF VERMONT	VT	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	-\$140,303
2016	UNIVERSITY OF VERMONT	VT	R21AI117476	Reconstitution of the class XIV myosin glideosome from the malaria parasite	\$0
2016	UNIVERSITY OF VERMONT	VT	R21AI121885	Molecular mechanisms of dense granule trafficking in Toxoplasma gondii	-\$42,193
2016	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$233,164
2016	UNIVERSITY OF VERMONT	VT	R01AI122232	Spore Assembly in Clostridium Difficile	-\$51,266
2016	UNIVERSITY OF VERMONT	VT	R03AI117069	Developing Obese Mouse Models of Pseudomonas Aeruginosa Pneumonia	-\$3,860

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF VERMONT	VT	R34AI120917	A Phase I/II Trial of the Safety, Tolerability and Immunogenicity of a Live Attenuated Tetravalent Dengue Virus Vaccine in Adults in Dengue-Endemic Bangladesh	-\$7,914
2016	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$0
2016	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	-\$3,989
2016	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$0
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI115194	Experimental Plasmodium falciparum crosses using human-liver chimeric mice	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119473	Tuberculosis case finding by oral swab PCR	\$0
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI030927	HIV Host-Cell Interactions	-\$89,530
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$131,137
2016	UNIVERSITY OF WASHINGTON	WA	K08AI102921	Mechanisms to restrain social cheating from quorum sensing in Pseudomonas aerugin	-\$2
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	\$247,117
2016	PHASE GENOMICS INC	WA	R43AI122654	Deconvolution and Assembly of Metgenomes Using Chromatin Conformation Capture	\$0
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$151,631
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$598
2016	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$0
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R33AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$195,441
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$0
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$0
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$1,714,695
2016	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$149,670
2016	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$16,632
2016	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$76,928
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$0
2016	SPRINGSTAR INC	WA	R44AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$2
2016	VIRTICI LLC	WA	R44AI125165	A Novel Tolerance Therapeutic for Treating Multiple Sclerosis	\$0

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2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$143,915
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$152,799
2016	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$914,529
2016	NEXGENIA INC	WA	R43AI122512	Stimuli-responsive reagents for improved cell isolations and activations	-\$1,572
2016	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$641,558
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	-\$80,266
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$255
2016	UNIVERSITY OF WASHINGTON	WA	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$188,966
2016	KINETA INC	WA	R44AI115824	Development of novel isoflavone drugs as broad spectrum antivirals	\$43,175
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$123,510
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$1,384
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI111024	Molecular pathogenesis and Blastomyces adherence	\$0
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	\$253,369
2016	THE MORGRIDGE INSTITUTE FOR RESEARCH INC	WI	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	\$242,967
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	-\$18,473
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$1,254,577
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$0
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$72,942
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$812,190
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$497,700
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$129

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2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$131,670
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	-\$32
2015	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$0
2015	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI060561	Immune complexes: Origins and effects in HCV infection	-\$30,437
2015	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	-\$22,694
2015	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	-\$11,532
2015	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$0
2015	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$0
2015	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$0
2015	UNIVERSITY HEALTH NETWORK		R21AI109627	Restoring antibody effector function during persistent virus infection	\$0
2015	STATENS SERUM INSTITUTE		R01AI093697	Genome-wide association study of febrile seizures following measles, mumps, rubel	-\$1
2015	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPER	\$0
2015	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	-\$265,143
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$0
2015	ALABAMA STATE UNIVERSITY	AL	R21AI111159	Mechanisms and protective efficacy of nanovaccines against Chlamydia trachomatis	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	-\$359,539
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	-\$253,579
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	-\$39,620
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104952	HTS for bactericidal inhibitors of M. tuberculosis copper resistance mechanisms	\$0
2015	BIOWERTECH	AL	R43AI115939	A novel biomarker of infection in neutropenic cancer patients	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFN α and IL-17	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI105038	Structural and Functional Studies on the Platelet Adherence Protein A of Streptococcus	\$0

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2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R56AI118801	Mechanisms of Reovirus Bloodstream Dissemination	-\$73,933
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI112028	Proteomic analysis of S aureus biofilm in vivo	-\$3,492
2015	ARKANSAS STATE UNIVERSITY	AR	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	-\$195,292
2015	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	-\$28,144
2015	VITALANT	AZ	R21AI107420	Serological prevalence of viral hemorrhagic fevers in Equatorial Africa	\$0
2015	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$0
2015	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	-\$221,313
2015	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	-\$1,223
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	-\$189,723
2015	La Jolla Institute For Immunology	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$0
2015	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reprtoire Characterization in Celiac Disease	-\$2,418
2015	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	-\$11,665
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	-\$274,464
2015	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	-\$18,795
2015	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	F32AI098418	Developing Hydra as a Model Organism for Viral Symbioses	-\$5,646
2015	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	-\$17,592
2015	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$74
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI110162	Inhibiting Immune Evasion by HIV-1 Nef to Facilitate Eradication	-\$3,655
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI110277	Microfluidic PCR Method to Identify and Characterize HIV-Infected Single Cells	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI108195	Immune responses to infection at the maternal-fetal interface	-\$1,861
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI105797	The Role of microRNAs in Modulating Innate Immunity Signaling and Gut Homeostasis	\$0

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2015	UNIVERSITY OF CALIFORNIA	CA	R21AI112258	Detection of bacterial Type IV secretion by the unfolded protein response	\$0
2015	CHROMOLOGIC LLC	CA	R43AI108019	MicroRNA-Based Radiation Biosimulator (MiRAD)	-\$1
2015	STANFORD UNIVERSITY	CA	R21AI103722	Human Cytomegalovirus Entry Glycoprotein Complexes	\$0
2015	La Jolla Institute For Immunology	CA	R21AI109272	Modulation of Teff/Treg cells by novel PKC-theta allosteric inhibitory strategies	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI110863	Temporal profiling of the functional phosphoproteome in M. tuberculosis infected	-\$828
2015	AMPLYX PHARMACEUTICALS INC	CA	R44AI096844	A Combination Therapy Approach to Treating Drug Resistant Fungal Infections	-\$18,873
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI042819	Anti-MHC Effects on Endothelium	\$0
2015	GIGAGEN INC	CA	R43AI115892	Production Technology for Recombinant Intravenous Immunoglobulin	\$0
2015	La Jolla Institute For Immunology	CA	R03AI110929	Structural Characterization of 4-1BB-Galectin-9 Complexes	\$0
2015	STANFORD UNIVERSITY	CA	R56AI116857	The Role of the LAT Locus in HSV-1 Infection of Human Skin Xenografts In Vivo	\$0
2015	STANFORD UNIVERSITY	CA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$0
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	-\$318,400
2015	La Jolla Institute For Immunology	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	-\$3,448,251
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	-\$459,291
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	-\$1
2015	La Jolla Institute For Immunology	CA	R01AI064584	Selective Instructions for Memory T Cells	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	-\$199,120
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	-\$64,408
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$0
2015	TRELLIS BIOSCIENCE LLC	CA	R41AI120425	Therapeutic Antibodies for Biofilm Infections	-\$235
2015	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	-\$43,480
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	-\$196,314
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	-\$123,949

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111634	Host-Targeted Homoserine Lactone Inhibitor as Adjunctive Antipseudomonal Therapy	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI108351	Characterizing Privacy Perceptions and Risks in HIV Molecular Epidemiology	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI113443	Viral Pathogenesis and Atherosclerosis	\$0
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	-\$48,164
2015	SORRENTO THERAPEUTICS INC	CA	R41AI114252	Anti-Pseudomonas Immunotherapy and Targeted Drug Delivery	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109081	Development of a structure-based HCV vaccine using a virus-like particle platform	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$9,643
2015	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	-\$1,154
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$0
2015	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	-\$6,960
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$0
2015	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	-\$8,013
2015	La Jolla Institute For Immunology	CA	R01AI062969	Itch in T cell activation and tolerance	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$0
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	-\$7,593
2015	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	-\$1,846,510
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	-\$12,025
2015	UNIVERSITY OF SAN DIEGO	CA	R21AI107447	Functional Characterization of Suppressor of IKKepsilon	\$0
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109545	Metronidazole resistance in Bacteroides fragilis: an integrated approach	\$0
2015	ADAMAS PHARMACEUTICALS INC	CA	R33AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	-\$207,051

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2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110343	Functional Assessment of CTL Anergy in HIV Infection	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112513	mRNA as a mediator of immunological information transfer in vivo	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI110505	The inductive role of Gs/Gi signaling in dendritic cell polarization and function	-\$62
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI109611	Experiment & Theory to Test an Evolutionary Fitness Role for Lentiviral Latency	\$0
2015	ARISAN THERAPEUTICS INC	CA	R43AI118207	Ebola Virus Entry Inhibitors	\$0
2015	Lucira Health, Inc.	CA	R41AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnos	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	-\$115,888
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	-\$79,541
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	-\$69,239
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	-\$1,146
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	-\$128,804
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	-\$124,960
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	-\$21,344
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhoea among young people: Implication for prevention	-\$56,506
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	-\$1
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$0
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	-\$319,192
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI093768	Determining the Impact of SREBP on Adaptive Immunity	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	-\$395,280
2015	La Jolla Institute For Immunology	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	-\$88,561
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	-\$54,464

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI105845	Mitochondrial DNA Damage and Inflammasome Activation in Vascular Inflammation	-\$2,722
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	-\$210,491
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	-\$46,315
2015	La Jolla Institute For Immunology	CA	R01AI103021	Control of Airway Tolerance	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI110143	Novel flow cytometry-based assay for HIV-infected cells	\$0
2015	MONOGRAM BIOSCIENCES INC	CA	R21AI114437	Quantitative Viral Outgrowth Assays with Improved Throughput and Performance	\$0
2015	UNIVERSITY OF CALIFORNIA, MERCED	CA	R00AI100896	Genetic Analysis of the Transcriptional Network Governing C. albicans Biofilms	-\$6
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112812	Nicotinamide-An Immune-Boosting Agent to Combat Antibiotic-Resistant Pathogens	-\$224
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101784	Targeting iron acquisition in Salmonella with siderophore-based immunization	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$0
2015	Plex Pharmaceuticals, Inc.	CA	R43AI114084	Development of Flavivirus Antivirals Targeting Dengue Virus and WNV Protease	-\$41
2015	SEVIDENT INC	CA	R43AI109869	Development of a novel test for the early detection of Dengue Virus infection	\$0
2015	MOLECULAR EXPRESS, INC	CA	R43AI115828	Development of a Vaccine for the Prevention of Pulmonary Aspergillosis	\$0
2015	J DAVID GLADSTONE INSTITUTES	CA	R56AI118574	Understanding How CD4 T Cells Die During HIV Infection	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	-\$2,019
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	-\$51,858
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	-\$168,504
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	-\$194
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$0
2015	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$0
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$0
2015	La Jolla Institute For Immunology	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$0
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	-\$45,316

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	-\$215,084
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methytransferases	\$0
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$3,194
2015	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	\$0
2015	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	-\$587,002
2015	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	-\$262,330
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	-\$185,660
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110306	Targeting Type I Interferon Immune Activation to Control HIV Infection in vivo	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107200	Plasmodium Falciparum Infection and Interference with Effective B Cell Memory	-\$250
2015	BIOSYNESIS, INC.	CA	R41AI112038	Development of Therapeutics to Treat Candida albicans Biofilm Infections	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI119220	Fluorescent barcoding to unravel T cell niche development during vaccination.	\$0
2015	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	-\$38,321
2015	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	-\$60,722
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	-\$22,000
2015	La Jolla Institute For Immunology	CA	R37AI071922	Development and Function of NKT Cells	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	-\$183,824
2015	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	-\$1
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	\$21,344
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$0
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	-\$429
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	-\$3,526
2015	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	-\$211,404

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2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	-\$515,694
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	-\$269,246
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105340	A recombinant virus approach for gamma herpesvirus oncogenesis	\$0
2015	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109150	Screening of Combinatorial Libraries for Complement C5 Inhibitors	-\$2,028
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI112362	Hair measures to assess adherence and explain outcomes in an HIV clinical trial	-\$764
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101566	Mining marine microbial natural products for anthelmintics leads	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109889	Rapid identification and antibiotic susceptibility testing of sepsis pathogens	-\$128
2015	MAPP BIOPHARMACEUTICAL INC	CA	R43AI115840	Pseudomonas antibodies with designed glycans	-\$2,572
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111662	Generation of recombinant thiopeptides to target antimicrobial-resistant bacteria	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109005	Controlling Drug Resistant Gonorrhea with Real-Time PCR Susceptibility Testing	-\$6,902
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI113117	A Novel Microfluidic HIV-1 Co-Culture Assay to Quantify Latent Reservoirs	\$0
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI108597	Topology of the Hostogen Genome	\$0
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI110579	Antiviral immunity directed by virus-derived small silencing RNAs in mice	\$0
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116230	Effective lethal agents for CCR5+ expressing cells	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI084817	Structure and dynamics of native HIV-1 envelope trimers	\$0
2015	MOLECULAR EXPRESS, INC	CA	R43AI118123	Design and Engineering of Nanoparticulate Universal Vaccines	\$0
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R56AI116342	Tissue Reservoirs of HIV in Victims of Sudden Death	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	-\$2,903
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	-\$10
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	-\$272,936
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$11,821
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	-\$381,675

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	-\$1,499
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	-\$1,217,182
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	-\$67,770
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$0
2015	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI105374	The role of the circadian clock during Salmonella infection	-\$8
2015	STANFORD UNIVERSITY	CA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	\$0
2015	INSTITUTE FOR RARE & NEGLECTED DISEASES DRUG DISCOVERY	CA	R01AI103476	Development of HTS assay and screening paradigm to discover new kinase inhibitors	-\$1
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	-\$583,398
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	-\$1,389
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	-\$267,768
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112722	Beta-Catenin Signaling in Liver Ischemia and Reperfusion Injury	\$0
2015	ABREOS BIOSCIENCES INC	CA	R43AI118147	Cleavage Coupled Lateral Flow Immunoassay for Rapid Endotoxin Testing	\$0
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	-\$16,064
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K99AI120851	Viral sequence and dynamic determinants of antibody breadth	\$0
2015	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI118464	B-1 B cell responses to oligomannosyl antigens of HIV-1	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	-\$158,885
2015	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$0
2015	GIGAGEN INC	CA	R43AI120313	An Advanced Tool for Immune Cell Analysis Using Microfluidics	\$0
2015	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	-\$30
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	-\$164,774
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	-\$1

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2015	LELAND STANFORD JUNIOR UNIVERSITY, BOARD OF TRUSTEES	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	-\$4,114
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$0
2015	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	-\$274,778
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	-\$4
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	-\$1,013
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	-\$855
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$0
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI109270	Roles for host cytoskeletal, cell adhesion and membrane trafficking proteins in b	-\$31
2015	La Jolla Institute For Immunology	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$0
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	-\$112,845
2015	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$0
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$0
2015	VITALEX BIOSCIENCES, LLC	CA	R41AI115907	Rapid Diagnostics for Mucormycosis	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI107383	Development of a Novel Inhibitor of Enterovirus Replication	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	-\$294,328
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	-\$81,735
2015	NATIONAL JEWISH HEALTH	CO	R21AI109219	Lipid Ligands of SPLUNC1 Proteins	\$0
2015	COLORADO STATE UNIVERSITY	CO	R03AI108392	Assay Optimization for Identification of Novel HIV-1 Protease Autoprocessing Inhi	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI112418	Immunological impact of Tetherin retrovirus restriction	-\$1,586
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	-\$225,283
2015	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$0
2015	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$266,230

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2015	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	-\$12,531
2015	NATIONAL JEWISH HEALTH	CO	R21AI107503	The TRPM2 Ion Channel in Hepatic Innate Immunity	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	-\$62,747
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	-\$262,620
2015	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$0
2015	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	-\$195,362
2015	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	-\$620,301
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	-\$1
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007447	Colorado HIV Research Training Program	-\$95,095
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	-\$8
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infection	\$0
2015	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	-\$15,568
2015	NATIONAL JEWISH HEALTH	CO	R21AI113122	Somatic Mutagenesis in Autoimmunity	-\$3
2015	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	-\$1,202,788
2015	COLORADO STATE UNIVERSITY	CO	R21AI112486	Oral Induction of Mucosal and Systemic Antibodies Against HIV-1 gp41 MPER	\$0
2015	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$0
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	-\$133,044
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	-\$3,015
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$0
2015	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$0
2015	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$0
2015	COLORADO STATE UNIVERSITY	CO	R21AI111588	Imaging viral RNA genome replication at the single molecule level	\$0

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2015	COLORADO STATE UNIVERSITY	CO	R21AI109463	The Role of RNAi in Aedes aegypti on Dengue Evolution	-\$1,542
2015	COLORADO STATE UNIVERSITY	CO	R21AI111168	Minipigs as animal model for infant TB and vaccine efficacy	\$0
2015	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	-\$91,975
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	-\$110,899
2015	COLORADO STATE UNIVERSITY	CO	R21AI107254	Therapeutic Restoration of Metabolic Homeostasis During Active TB	-\$89
2015	COLORADO STATE UNIVERSITY	CO	R01AI094349	Ivermectin for Malaria Control	-\$310
2015	COLORADO STATE UNIVERSITY	CO	R21AI109238	Environmental mycobacteria and BCG interference	-\$176
2015	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	-\$55
2015	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI120548	Fifteenth Annual Meeting of the Rocky Mountain Virology Association	\$0
2015	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	-\$63,718
2015	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	-\$25,795
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109447	Preparation of trypanosome cdc2-related kinase 9 for high throughput screening	-\$5,619
2015	YALE UNIVERSITY	CT	R21AI119813	Expanding the genetic code in Salmonella	-\$31,070
2015	YALE UNIVERSITY	CT	R56AI120369	Mechanisms regulating innate immune responses	-\$19
2015	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$0
2015	YALE UNIVERSITY	CT	R21AI109263	Expanding the toolbox for tsetse reproductive biology	\$0
2015	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	-\$38,307
2015	YALE UNIVERSITY	CT	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	-\$194
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	-\$4,325
2015	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$0
2015	VAXINNATE CORPORATION	CT	R01AI105206	Development of a Recombinant Tetravalent Dengue Vaccine Based on a Subunit Envelo	-\$584,226
2015	L2DIAGNOSTICS, LLC	CT	R44AI096598	Diagnostic Assays for early Lyme Borreliosis using in-vivo expressed antigens	\$0
2015	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	-\$58,380
2015	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	-\$24,823
2015	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$0
2015	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	-\$22,096
2015	YALE UNIVERSITY	CT	R56AI042236	Co-opting ancestral regulatory systems to control bacterial virulence	\$0

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2015	NEW ENGLAND DISCOVERY PARTNERS, LLC	CT	R43AI115951	Small molecule inhibitors of group II introns for treatment of fungal infections	-\$13,475
2015	YALE UNIVERSITY	CT	R56AI124356	Effect of polymicrobial infection on trophoblast-macrophage interactions	-\$571
2015	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$0
2015	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	-\$52,090
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$0
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	-\$460
2015	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	-\$87,079
2015	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	-\$125,469
2015	YALE UNIVERSITY	CT	R21AI113606	Structure of the Chemokine Receptor CXCR3	-\$8
2015	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	-\$102,552
2015	YALE UNIVERSITY	CT	F31AI114245	Rodent Population Dynamics and Leptospirosis Infection in Urban Slum Enviornments	-\$229
2015	YALE UNIVERSITY	CT	R21AI109163	CaM-regulated chromatin remodeling: mechanisms, generality and in vivo functions	-\$1,061
2015	YALE UNIVERSITY	CT	R21AI109486	Development of novel therapeutics for Babesia microti infection	\$0
2015	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$0
2015	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	-\$45,271
2015	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	-\$46
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109188	Mechanisms controlling memory CD8 T cell recognition of autoantigen	\$0
2015	YALE UNIVERSITY	CT	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	-\$9,092
2015	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI120504	15th International Conference on Pseudomonas	\$0
2015	INTERNATIONAL AIDS SOCIETY	DC	R13AI118391	8th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Vancouver, BC, 19-22 July 2015	\$0
2015	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	-\$545
2015	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$0
2015	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI106654	Effector and memory T follicular helper cells	-\$89,782
2015	UNIVERSITY OF DELAWARE	DE	R21AI109555	Bacteriophage-host dynamics as a factor in the etiology of bacterial vaginosis	\$0
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	-\$24,832

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2015	UNIVERSITY OF FLORIDA	FL	R21AI112492	Transcriptional control in innate lymphoid type II cells	-\$3,683
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI107455	Defining epitopes of Plasmodium vivax RBP that are potential vaccine targets	\$0
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	-\$63,453
2015	UNIVERSITY OF FLORIDA	FL	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	-\$560
2015	UNIVERSITY OF FLORIDA	FL	R01AI097405	Cholera Transmission in Gressier Region, Haiti	-\$12,730
2015	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$4,553
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109389	Exploring the Influence of an Intracellular Aminopeptidase on S. aureus Virulence	-\$244
2015	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	-\$1,437,350
2015	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$0
2015	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	-\$710,565
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	-\$100,020
2015	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$0
2015	UNIVERSITY OF FLORIDA	FL	R21AI109469	Structure and function of VirB6 in the Rickettsiales	-\$6,492
2015	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	-\$257,220
2015	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	-\$887,241
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	-\$47,434
2015	EMMUNE INC	FL	R43AI120809	Development of a synthetic antibody based on the HIV receptor and co-receptor that is optimized for highly efficient killing of HIV-infected cells by ADCC	\$0
2015	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	-\$124,464
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	-\$81,478
2015	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	-\$50,531
2015	UNIVERSITY OF FLORIDA	FL	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	-\$177
2015	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	-\$82,231
2015	SMART BIOMOLECULES, INC	FL	R41AI120351	Novel piperazine tethered thiazole compounds as antimalarials	\$0
2015	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	-\$1,295
2015	UNIVERSITY OF FLORIDA	FL	R01AI087734	LIGHT_HVEM_BTLA axis in protective anti_viral immunity	-\$316

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2015	UNIVERSITY OF MIAMI	FL	R33AI088601	TARGETED siRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$0
2015	UNIVERSITY OF MIAMI	FL	R33AI088595	Exploring the Role of Vif Antagonists in Preventing Sexual HIV Transmission	-\$11,771
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	-\$2,796
2015	UNIVERSITY OF MIAMI	FL	R13AI096942	The International Workshop on HIV Persistence During Therapy	-\$1
2015	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	-\$2,918
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	\$181,018
2015	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$0
2015	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$0
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$0
2015	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	-\$42,859
2015	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	-\$44,153
2015	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	-\$485,474
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110027	Genetically Encoded Calcium Indicators in Toxoplasma gondii	-\$1,345
2015	EMORY UNIVERSITY	GA	R03AI111396	Epigenome-wide association study of asthma in populations of African descent	-\$144
2015	EMORY UNIVERSITY	GA	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	-\$806,896
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI107465	THE ROLE OF NOTCH1 IN THYMIC EPITHELIAL CELLS	-\$832
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI104120	The mitochondrial calcium uniporter of trypanosomes	-\$24
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	-\$2,700
2015	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	-\$2
2015	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	-\$266,523
2015	EMORY UNIVERSITY	GA	F31AI115968	The role of NA in virus receptor interaction and HA:NA functional balance	\$0
2015	EMORY UNIVERSITY	GA	F31AI118558	Mechanisms for decreased HIV transcription in CCR5 delta-32 heterozygotes on ART	-\$1,857
2015	MICROBIAL MEDICAL INC	GA	R43AI114174	Diagnosis of Bacterial Infections with Maltodextrins	\$0
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	-\$1

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2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	-\$8,887
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	-\$817
2015	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	-\$761,648
2015	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	-\$55,665
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI113478	Mouse models for TB infection across the lifespan	-\$27
2015	EMORY UNIVERSITY	GA	K23AI116388	A Geospatial Approach to Target HIV-Infected Populations Poorly Engaged in Care	-\$29,283
2015	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	-\$80,064
2015	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	-\$53,370
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	-\$99,147
2015	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	-\$24
2015	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	-\$2,000,214
2015	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	-\$69,983
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	-\$957
2015	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	-\$1,120,315
2015	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	-\$37,558
2015	EMORY UNIVERSITY	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	-\$86,736
2015	UNIVERSITY OF HAWAII	HI	R21AI105286	Defining Immunity to Placental Malaria using a Multi-assay Predictive Model	-\$26
2015	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$0
2015	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$0
2015	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	-\$193,856
2015	UNIVERSITY OF IOWA	IA	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$0
2015	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$0
2015	UNIVERSITY OF IOWA	IA	R56AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	-\$63,912
2015	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign-body infections	\$0

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2015	UNIVERSITY OF IOWA	IA	R56AI116715	Management of GVHD and GVT by in vivo generated regulatory T cells	\$0
2015	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$0
2015	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	-\$77,439
2015	UNIVERSITY OF IOWA	IA	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	-\$286,121
2015	UNIVERSITY OF IOWA	IA	R21AI110185	Using miRNAs to elucidate the cellular sources of HIV-1	\$0
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI111326	Novel Anthelmintic 'Resistance' Mechanism involving Gut Bacteria	\$0
2015	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	-\$38,461
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111762	Role of MBD4 in double strand break formation during class switch recombination	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R21AI113935	Glucocorticoids and glucocorticoid receptor translational isoforms	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	-\$14,487
2015	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R21AI113916	Proteomic Predictors of Chronic Kidney Disease in Liver Transplant Recipients	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R34AI118493	Effectiveness, Safety and Value of Integrating Molecular Diagnostics into the Post-Transplant Management of Kidney Transplant Recipients - The Next Frontier of Biomarker Research	\$0
2015	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	-\$4,386
2015	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R33AI094584	Cervical/Vaginal Mucus and Microbicides	\$0
2015	UNIVERSITY OF CHICAGO	IL	R21AI109233	EZH2 in lymphoid lineage specification and commitment	\$0
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	-\$52,738
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	-\$4,486
2015	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	-\$41,579
2015	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	-\$18,074
2015	UNIVERSITY OF CHICAGO	IL	R21AI105821	Commensal microbes and sexual dimorphism in autoimmunity	\$0
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	-\$40,311
2015	UNIVERSITY OF CHICAGO	IL	R21AI107186	Desiccation resistance in Coxiella burnetii	\$0
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery.	-\$1,938

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2015	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	-\$26,764
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	-\$31,944
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	-\$155,400
2015	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$0
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$0
2015	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	-\$19,701
2015	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	-\$57,676
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$0
2015	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	-\$7,927
2015	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	-\$27,321
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI115400	Long-lived plasma cells and antibody secretion in the bone marrow	\$0
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	-\$27,000
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI106590	Immune function and mechanism of Tim3 expression and Tim3+ T cells in TB & HIV+TB	\$0
2015	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	-\$1,137
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111044	Epigenetic regulation of HBV transcription and replication by FoxA/HNF3	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R21AI105330	Translational control of gene expression during poxvirus infection	\$0
2015	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI113391	Interferon gamma inducible protein 16 and KSHV gene expression	\$0
2015	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	-\$218,572
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI114501	Online media and structural influences on new HIV/STI Cases in the US (2006-2020)	-\$26,893
2015	NORTHWESTERN UNIVERSITY	IL	R56AI114821	Assembly and Function of the Gonococcal Pilus	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	-\$145,143
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$0

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2015	UNIVERSITY OF NOTRE DAME	IN	R21AI109417	Glutamate-dependent behavior of Pseudomonas aeruginosa	\$0
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI105361	Develop a Multi-Target Sensor to Detect Dengue Serotypes from Infected Mosquitoes	\$0
2015	PURDUE UNIVERSITY	IN	R21AI105714	Probing novel innate immune detection mechanisms using an intracellular bacterial	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI119612	Targeting macrophage Bcl6 to enhance innate resistance to influenza	-\$57,682
2015	UNIVERSITY OF NOTRE DAME	IN	R56AI110721	Drivers of population plasticity in Aedes aegypti dengue virus vector competence	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	-\$429,680
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$0
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI112734	Anchoring and uniting the An. funestus assembly for improved vector analysis	-\$5,217
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	\$0
2015	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	-\$80,620
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	-\$60,212
2015	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI113523	Follicular repressor T cells: regulation by Stat proteins and control of antibody	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R13AI120539	22nd Annual Midwest Microbial Pathogenesis Conference	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$4,480
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$0
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI105657	Connecting drugs to pathways using malaria parasite transcript profiles	\$0
2015	PURDUE UNIVERSITY	IN	R21AI105620	Determinants of BATF Function	-\$36
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI110831	Embryonic origin and self-renewal of B-1a cells	-\$46,687
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$0
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI105543	Study of Human Bocavirus Infection in Human Airway Epithelia	\$0
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	-\$17,747
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R00AI100919	Host innate immune response induction and shutoff during poxvirus infection	\$0
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI107005	Neoantigens and TLR4	-\$820
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI108391	A Novel Mechanism of Restriction by an APOBEC3 Protein	-\$7,320

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2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI113552	Cheminformatic Discovery of Alternative Pathway C3 Pro-Convertase Inhibitors	-\$501
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI105467	Stable needleless vaccine against Shigella spp	\$0
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI091972	Arbovirus midgut escape mechanisms	\$0
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI109209	A subunit vaccine for enterotoxigenic E. coli associated traveler's diarrhea	\$0
2015	MOSQUITOMATE INC	KY	R43AI112048	Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$0
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycerandomization of Natural Products	-\$29,013
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI101373	Role of Rapid IFN γ Secretion by CD $^{+}$ T cells in Clearance of Food Borne Listeria	-\$338
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$0
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI108260	Hendra virus trafficking and assembly	\$0
2015	MOSQUITOMATE INC	KY	R44AI098179	Biological vector control reducing arboviruses, including Dengue and Chikungunya	\$0
2015	THERAPYX INC	KY	R44AI104067	Therapy and Prophylaxis for Genital Tract Infection	\$0
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	-\$40,165
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI109529	Mechanism of inhibition of RNA virus replication by host WW-domain proteins	-\$108
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI113648	The Borrelia burgdorferi transcriptional regulome	-\$3,998
2015	THERAPYX INC	KY	R43AI115877	Experimental Gonococcal Vaccine	\$0
2015	FASCURE THERAPEUTICS LLC	KY	R41AI120353	Improving the therapeutic efficacy of a lead vaccine against plague using a novel adjuvant system	\$0
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	-\$91,705
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	-\$602,683
2015	Louisiana State University System	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	-\$271,204
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	\$0
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	-\$82,796
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	\$218,858

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2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$0
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	-\$176,764
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	-\$146
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	-\$16,714
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110163	Targeting HIV Lung Reservoir in the Macaque Model	-\$72,453
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI109482	Physiologic and immunologic consequences of exposure to ETEC enterotoxins	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	-\$1,393
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	-\$560,460
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	-\$5
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	-\$172
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI102590	Label-free HIV-1 Viral Load Measurement through a Contactless Electrode Microchip	-\$69
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	-\$256,847
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	-\$201,760
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	-\$1,893
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	-\$7,162
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111728	Novel immunotherapeutics against multi-drug resistant Neisseria gonorrhoeae	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI114448	Predictors of HIV Control after Antiretroviral Treatment Interruption	-\$968
2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	-\$98,829
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI114406	Enhancing mucosal protection through antibody interactions with mucin proteins	-\$16,146
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI104755	The mechanism of Shigella flexneri adherence during the early infection process	\$0
2015	NEXGEN ARRAYS, LLC	MA	R43AI118254	Combined Viral Load and Ultrasensitive Serology Panel for Rapid Ebola Diagnostics	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI116228	Targeting HIV-1 persistence with Interferon-a	-\$133,391
2015	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	-\$18,439
2015	Trustees Of Boston University	MA	R01AI048082	Glycobiology of Giardia	\$0
2015	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$0
2015	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	-\$1,317
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	-\$1,726
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	-\$1
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$0
2015	Trustees Of Boston University	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Feve	\$0
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$0
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	-\$172,650
2015	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	-\$6,593
2015	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	-\$371,777
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI107551	SOX4 and SOX13 control early steps of invariant NKT cell differentiation	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	-\$33,694
2015	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	-\$469,294
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	-\$45,902
2015	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	-\$88,787
2015	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$0
2015	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	-\$21,688
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	-\$23,172
2015	Trustees Of Boston University	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$0
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$0
2015	ARIETIS CORPORATION	MA	R44AI102452	Narrow-spectrum Agents Acting against Helicobacter pylori	\$0

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2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	-\$3,828
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI104344	Same-Day HIV Testing and Treatment Initiation to Improve Retention in Care	\$0
2015	TUFTS UNIVERSITY	MA	R21AI111011	Inhibiting tegumental carbonic anhydrase as a novel treatment for schistosomiasis	\$0
2015	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	-\$150,118
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI113281	Development of a CRISPR interference system for mycobacteria	-\$921
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	-\$20,311
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	-\$295,462
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109172	Blue light for drug resistant skin and soft tissue infections	-\$5
2015	Trustees Of Boston University	MA	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	-\$100,856
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI108529	Optimization and In vivo Testing of a Novel Combination HIV Microbicide	\$0
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	-\$127,929
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI112711	Sulfur DNA modifications in gut microbes confer resistance to oxidative stress	\$0
2015	BETH ISRAEL HOSPITAL	MA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$29,154
2015	Trustees Of Boston University	MA	R21AI112887	Mechanisms of phagocytic cell defects induced by inhibitory IgG	-\$144
2015	BETH ISRAEL HOSPITAL	MA	R56AI120828	Antigen-Specific NK Cell Memory Against SIV and SIV Vaccines	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	-\$84,916
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$0
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	-\$164,572
2015	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	-\$18,647
2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	-\$560,654
2015	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	-\$9,908

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2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$0
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	-\$29,888
2015	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	-\$4,913,858
2015	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	-\$2,985,881
2015	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	-\$18,479
2015	TUFTS UNIVERSITY	MA	F31AI108217	Forward Genetic Analysis of type I interferon responses to cytosolic nucleotides	-\$57
2015	Trustees Of Boston University	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	-\$1,727
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI110787	Multigenerational lineage heterogeneity and metabolic plasticity of CD8 T cells	\$0
2015	EDITAS MEDICINE, INC.	MA	R43AI120302	Vector-delivered CRISPR/Cas as a cure for HSV-1-induced keratitis	-\$4,570
2015	UNIVERSITY OF MASSACHUSETTS	MA	R56AI116920	Innate mechanisms for virus-induced diabetes	-\$21,450
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$8,788
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	-\$132
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$0
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	-\$122,352
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$0
2015	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	-\$156,204
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI102660	Tuning Fc-effector functions of HIV-specific antibodies	-\$413
2015	MICROBIOTIX, INC	MA	R01AI099269	Validating targets in p. aeruginosa type III secretion using chemical probes	\$0
2015	CELLDEX THERAPEUTICS INC	MA	R44AI095159	Dendritic Cell-Targeted HIV Vaccine Product	-\$99,919
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	-\$94,755
2015	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	-\$971,790
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	-\$60,295
2015	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	-\$194,161
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	-\$462,907
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$0

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2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	-\$19,221
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	-\$242,133
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI098307	C. elegans immune defense against the P. aeruginosa toxin Exotoxin A	-\$1,762
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	-\$545,397
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	-\$178,472
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113798	Natural IgM Sensing of DAMPS	-\$2,623
2015	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$510,376
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113949	PIPs: a new means to identify effector-target interactions	-\$4
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI103806	Listeria Monocytogenes Infection of the Brain	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109436	Vibrio cholerae colonization of the fly rectum and activation of natural competen	\$0
2015	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	-\$61,708
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	-\$707
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	-\$530,497
2015	BOSTON MEDICAL CENTER	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$30,008
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$0
2015	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	-\$214,413
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	-\$453,719
2015	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	-\$409,250
2015	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	-\$197,479
2015	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	-\$51,735
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	-\$79,983

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2015	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	-\$141
2015	Trustees Of Boston University	MA	R03AI114293	Filovirus replication: initiation mechanism and role of RNA secondary structures	-\$1,376
2015	MICROBIOTIX, INC	MA	R43AI113971	Novel Inhibitors Targeting Early Steps of Human Cytomegalovirus Replication	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113484	Shigella repression of innate immunity early during infection	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI114131	Probing with a panel of beta-lactams to find genetic resistance factors in MRSA	-\$10
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	-\$33,142
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$0
2015	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	-\$166,830
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	-\$146,580
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	-\$65
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$0
2015	BROAD INSTITUTE INC	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	-\$56,304
2015	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	-\$32,402
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	-\$45,635
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	-\$291,402
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	-\$567,366
2015	MICROBIOTIX, INC	MA	R41AI112045	New small molecule inhibitors of arenaviruses	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	-\$137
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$625
2015	MICROBIOTIX, INC	MA	R41AI110091	New heterocyclic inhibitors of filoviruses	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109232	Role of Myeloid Derived Suppressor Cells in intestinal inflammation	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI111713	Targeting cell separation systems of gram-negative bacteria.	-\$144,420
2015	BOSTON MEDICAL CENTER	MA	R56AI040944	Neisserial porins and antigen presenting cells	\$926
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R34AI116394	Cellular Therapy with Allospecific Tregs in Liver Transplantation	-\$703
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	-\$126,416

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2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	-\$388,454
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	-\$3
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093653	Rickettsial Immunity During Tick Transmission	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$0
2015	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	-\$1,354,934
2015	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	-\$53,900
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	-\$324,457
2015	SANARIA INC	MD	R43AI112165	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI108535	Toxin-antitoxins & RpsA in TB drug resistance & persistence with HIV	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R03AI109297	Manganese-iron interactions in the Lyme disease pathogen Borrelia burgdorferi	\$0
2015	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI106162	In vivo conjugated multivalent toxoid-polysaccharide vaccine for S. aureus	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109388	Herpesvirus Deubiquitylase: Virion Substrates and Autocatalytic Activity	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI111767	Progress In Understanding Type IV Pilus Biogenesis	-\$30,543
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI097417	Influenza A Virus Infection of Human Nasal Epithelial Cells	\$0
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	-\$904,394
2015	TETRACORE INC	MD	R43AI115869	Rapid Point-of-Care Molecular Test for the Differentiation of Dengue and Chikungunya Viruses	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	-\$69,581
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	-\$313,541
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	-\$63,641

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2015	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	-\$43,120
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	-\$106,138
2015	JOHNS HOPKINS UNIVERSITY	MD	K01AI100681	Cost-Effectiveness of ED HIV Testing Program Agent-Based Modeling Approach	-\$24,740
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109187	B Cell immunodeficiency in BENTA disease	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI110844	The autophagic pathway and atopic asthma: role of IL-33 and ST2	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	-\$92,893
2015	SCANOGEN INC	MD	R43AI109930	Twist-Sensor: Novel microarrays for multiplex detection of drug resistance	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI105619	Midgut Transcriptome and Proteome Analyses: Non-model Anopheline Malaria Vectors	-\$16,260
2015	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI113959	Infection Site Targeted Antitoxin Antibody (ISTAb) against Clostridium difficile	\$0
2015	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	-\$87,085
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	-\$548,945
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102966	Advancement of a Defined, Protective, Live Attenuated Tularemia Vaccine	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	-\$50,535
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109817	Vitamin D Deficiency, Inflammation and Age-related disease in HIV-Infected Men	\$0
2015	J CRAIG VENTER INSTITUTE INC	MD	R21AI109418	Combinatory Genomic Assembly to Assess HSV-1 Phenotypes	-\$3,140
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110220	HIV Infection in Bone Marrow: A Reservoir for Viral Persistence	-\$11
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI112838	Age and testosterone effects on responses to influenza infection and vaccination	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI113147	Novel methods for measuring the reservoir of inducible HIV-1 proviruses in restin	-\$152
2015	JOHNS HOPKINS UNIVERSITY	MD	R56AI118753	Macrophage Polarization in SIV Infection and Latency	-\$1,676

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	PLANTVAX INC	MD	R43AI118485	Augmentation of HIV Env vaccine efficacy by DC targeting	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	-\$215
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	-\$114,173
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI018797	Differentiative Signals for Macrophage Activation	-\$1
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI110045	Structure and Function of Type IV Pili in Clostridium difficile	-\$962
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109259	Molecular pathogenesis and host response following persistent E6/E7 expression	\$0
2015	UNIVERSITY OF MARYLAND	MD	R21AI107377	Inhibition of the host cell AIM2 inflammasome by Mycobacterium tuberculosis	-\$71
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	-\$20,105
2015	UNIVERSITY OF MARYLAND	MD	R01AI106998	A semi field trial test on efficacy of transgenic antimalarial biocontrol fungi	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	-\$164,051
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI103599	Lipidated Mycobacterium tuberculosis biomarkers in clinical specimens	-\$28
2015	PAPIVAX LLC	MD	R43AI112421	Therapeutic/preventive vaccination against MusPV	-\$719
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI111072	LAMPoles for Dengue Diagnosis	-\$260,021
2015	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	-\$76,333
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$31
2015	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	-\$379
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	-\$353,958
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	-\$176,710
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	-\$472,566
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI114288	Long-Term Inhibition of HIV transcription by targeting cellular CDK9 in vivo.	\$0
2015	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	-\$62,638
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	-\$11,128

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2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI112351	Persistence and Fate of Invisible U/A Pairs in HIV-1 Proviral DNA	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	-\$1,872,633
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	-\$32,155
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	-\$21,723
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$0
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093635	Immuno-epidemiological epitope mapping of a blood stage malaria vaccine antigen	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	-\$44
2015	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	-\$419,976
2015	UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	MD	R21AI109470	Defining glomerulus-homing peptides for targeted drug delivery in lupus nephritis	\$0
2015	J CRAIG VENTER INSTITUTE INC	MD	R13AI120533	20th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology (VEME)	-\$462
2015	ZALGEN LABS	MD	R43AI120472	Evaluation of fully human Pan-Old World Arenavirus monoclonal antibodies as candidate therapeutics for LCMV infection	-\$6,252
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	-\$42,419
2015	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$0
2015	Regents of the University of Michigan	MI	R21AI107421	Asymptomatic Gametocytemia and Malaria: Implications for Plasmodium Transmission	-\$825
2015	TSRL, INC	MI	R43AI112185	Nucleoside Phosphonate Analogs for the Treatment of Adenoviral Infection	-\$11
2015	Regents of the University of Michigan	MI	R21AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	-\$24,937
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$0
2015	Regents of the University of Michigan	MI	R21AI103364	Fatty Acids & Risk of Dengue Hemorrhagic Fever	\$0
2015	Regents of the University of Michigan	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$0
2015	WAYNE STATE UNIVERSITY	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	-\$99,330
2015	Regents of the University of Michigan	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$0

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2015	Regents of the University of Michigan	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	-\$121,712
2015	ONCOIMMUNE INC	MI	R43AI108115	Targeting endogenous sialidases for treatment of endotoxic shock	\$0
2015	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	-\$699,396
2015	Regents of the University of Michigan	MI	R21AI107184	Genome-wide identification of virulence genes in Acinetobacter baumannii in vivo	-\$221
2015	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	-\$15,333
2015	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	-\$343,317
2015	WAYNE STATE UNIVERSITY	MI	R21AI111103	Validation of a novel diagnostic, prognostic assay for bacterial vaginosis	\$0
2015	Regents of the University of Michigan	MI	R21AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$0
2015	NOTA LABORATORIES LLC	MI	R41AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions For Treatment/Prevention of Rhinosinusitis	\$0
2015	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	-\$125,697
2015	Regents of the University of Michigan	MI	R01AI094563	Sexual Modulation of HIV-Relevant Vaginal Immunity	\$0
2015	HENRY FORD HEALTH SYSTEM	MI	R56AI119041	microRNAs and NKT cell development and function	-\$122,496
2015	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	-\$22,005
2015	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	-\$3,034
2015	MINNETRONIX INC	MN	R41AI120304	Development of a Novel Therapeutic Approach for Cryptococcal Meningitis	\$0
2015	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	-\$110,976
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K99AI114884	iNKT cells regulate IL-4 homeostasis and autoimmunity	-\$1
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI114013	Preclinical Evaluation of a Novel rLCMV Single-Cycle Vectored CMV Vaccine	\$0
2015	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$0
2015	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI107543	Immunosuppression by leukocyte ADAM17 during sepsis	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	-\$806
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	-\$142,396
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI102625	Vaccine Design to Concentrate Protective Antibodies at the Mucosal Border	\$0

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2015	MINNETRONIX INC	MN	R41AI120751	Directed Antifungal Therapy for HIV-associated Cryptococcal Meningitis	\$0
2015	MAYO CLINIC	MN	R01AI091594	Novel Electrochemical Bandage for Treatment of Wound Infections	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	-\$88,985
2015	UNIVERSITY OF MINNESOTA	MN	R21AI116211	Therapeutic vaccination targeting SIV viral reservoirs	\$0
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	-\$3
2015	SYNTIRON LLC	MN	R43AI115908	A Multivalent Lipoprotein Vaccine to Prevent S. aureus Cutaneous Infections	\$0
2015	HENNEPIN LIFE SCIENCES	MN	R43AI120329	Novel Agents to Prevent Urinary Tract Infections	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	-\$40,018
2015	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	-\$628
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	-\$187,602
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112399	Mechanism of Vpu action: the rest of the story	\$0
2015	WASHINGTON UNIVERSITY	MO	R21AI105435	IDENTIFICATION OF HOST GENETIC DETERMINANT CAUSING SEVERE INFLUENZA PATHOGENESIS	-\$2,411
2015	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	-\$2,793
2015	WASHINGTON UNIVERSITY	MO	R01AI097119	STRUCTURE AND FUNCTION OF PHOSPHOETHANOLAMINE METHYLTRANSFERASES: NEW ANTI-PARAS	\$0
2015	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI103618	Post-transcriptional Regulation of Cytokine Production	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	-\$124,761
2015	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	-\$12,322
2015	WASHINGTON UNIVERSITY	MO	R56AI080792	ELUCIDATING & DISRUPTING PLASMODIUM RECEPTOR-LIGAND INTERACTIONS	-\$46
2015	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	-\$1,540
2015	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	-\$5,344
2015	SAINT LOUIS UNIVERSITY	MO	R03AI109460	Hepatitis B Virus diversity and ribonuclease H inhibitor efficacy	-\$14

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2015	WASHINGTON UNIVERSITY	MO	R21AI105298	THE ROLE OF UBIQUILINS IN INNATE IMMUNITY TO TUBERCULOSIS	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$0
2015	SAINT LOUIS UNIVERSITY	MO	R01AI106498	Aspartic Protease Inhibitors as Novel Antimalarials	-\$2,061
2015	INTACT GENOMICS INC	MO	R44AI094885	Expanding small molecule functional metagenomics through shuttle BAC expression i	\$0
2015	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	-\$149
2015	WASHINGTON UNIVERSITY	MO	R01AI106561	LIVER-RESIDENT NATURAL KILLER CELLS, VIRAL INFECTION, HEPATITIS AND MEMORY	\$0
2015	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	-\$252
2015	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	-\$119,686
2015	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	-\$118,839
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112782	Transgenic Resistance of Aedes aegypti to the Four Serotypes of Dengue Virus	-\$24
2015	WASHINGTON UNIVERSITY	MO	R21AI109623	GLYCAN PRECURSOR TRANSPORT IN CRYPTOCOCCUS NEOFORMANS	\$0
2015	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	-\$329,799
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI091588	Parvovirus-Cell Interactions	\$0
2015	FIMBRION THERAPEUTICS INC	MO	R43AI106112	Anti-virulence FimH inhibitors for the treatment and prevention of UTIs	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	-\$116,270
2015	INTACT GENOMICS INC	MO	R43AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	-\$2
2015	WASHINGTON UNIVERSITY	MO	R56AI119083	INHIBITORY RECEPTORS IN IMMUNITY AGAINST LETHAL ACUTE VIRUS INFECTION	-\$66
2015	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$0
2015	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	-\$538
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	-\$8,960

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2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	-\$998
2015	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	-\$165,955
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112764	BcpAIOB-Mediated CDI and Biofilm Formation in Burkholderia pseudomallei	\$0
2015	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	-\$12,409
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$0
2015	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	-\$15,664
2015	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	-\$2,155,110
2015	Duke University	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$0
2015	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	-\$1,570
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	-\$97,016
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	-\$142,083
2015	Duke University	NC	R34AI108512	Efficacy of Antiviral Suppression Therapy after Neonatal HSV Infection of the CNS	-\$87,126
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	-\$69,113
2015	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	-\$90,375
2015	Duke University	NC	R21AI109531	The role of cyclic-di-AMP in the regulation of Chlamydia cellular functions	\$0
2015	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	-\$1
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	-\$80
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	-\$132,567
2015	Duke University	NC	R21AI110191	Intervening with Latent HIV-1 Infection using Gnidimacrin	\$0
2015	Duke University	NC	R21AI103584	Regulation of innate inflammation by CD40 signaling and intracellular osteopontin	\$0

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2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	-\$77,519
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	-\$103,910
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111108	Dissecting Chloroquine Resistance in the Plasmodium vivax Cross	-\$1,638
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	-\$40,800
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	-\$129,087
2015	Duke University	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$0
2015	EAST CAROLINA UNIVERSITY	NC	R21AI112745	Manganese transport and virulence in Brucella	\$0
2015	Duke University	NC	R21AI113098	Reconstitution of a protective antiviral RNAi response in somatic human cells	\$0
2015	CLINICAL SENSORS, INC.	NC	R41AI112064	Nitric Oxide Microfluidic Sensor	\$0
2015	Duke University	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	-\$10,745
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	-\$153,892
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	-\$430,911
2015	Duke University	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	-\$1
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI114464	The Role of Gamma Delta T Cells as Persistent Reservoirs of HIV Infection	-\$19,768
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	-\$3,633
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	-\$1,067,837
2015	ICAGEN INC	NC	R43AI091186	XRpro Radioactive Cesium Decorporation Agents	\$0
2015	AGILE SCIENCES INC	NC	R42AI098192	Anti-biofilm agents for the treatment of pulmonary infection in cystic fibrosis p	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	-\$67,472
2015	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	-\$5
2015	UNIVERSITY OF NORTH DAKOTA	ND	R21AI107457	Identification of protective proteins of Francisella using a novel comparative im	\$0
2015	ALTRAVAX INC	ND	R43AI112141	Novel Subunit Vaccines against Varicella Zoster Virus	\$0
2015	ALTRAVAX INC	ND	R01AI102706	Germline-Specific Immunogens for the Induction of Neutralizing Antibodies to HIV-	\$0

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2015	ALTRAVAX INC	ND	R41AI115906	A Protective Tetravalent Vaccine Candidate for Dengue Fever Virus	\$0
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$0
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	-\$192,751
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	-\$147
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	\$0
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI107237	IRF4 Functions as a Negative Regulator of Notch Signaling in the Development of M	\$0
2015	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	-\$35,391
2015	DARTMOUTH COLLEGE	NH	R21AI113390	Mediator regulation of transporters in fluconazole resistant C. albicans mutants	-\$2
2015	DARTMOUTH COLLEGE	NH	R21AI108489	Dense granule protein virulence factors in Toxoplasma gondii infection	\$0
2015	DARTMOUTH COLLEGE	NH	R56AI120068	Control of virulence in Vibrio cholerae by fatty acids	-\$24,788
2015	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	-\$4
2015	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$0
2015	SAUREUS, INC.	NH	R43AI112061	Developing a Z-domain based latex agglutination assay for C. difficile toxins	\$0
2015	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	-\$24,190
2015	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	-\$1
2015	IMMUNEXT INC	NH	R42AI100418	Validation of a Negative Regulator as a Novel Therapy for Autoimmune Disease	-\$6,186
2015	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	-\$3
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	-\$14,701
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	-\$361,733
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	-\$77,207
2015	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R43AI118527	A method for the determination of the percentage of CD4 T cells and CD4/CD8 ratio	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111453	mRNA-binding proteome in Trypanosoma brucei	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI118874	Development of New Antibiotics against Multidrug-Resistant Staphylococcus aureus	\$0
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$0
2015	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$0
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	-\$13,507
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$0
2015	STEVENS INSTITUTE OF TECHNOLOGY	NJ	R21AI110924	Engineered Intravascular Catheters for the Treatment of Bacteremia	\$0
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	-\$788,890
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110335	Adjunctive immune modulation to improve TB treatment	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI119055	M. tuberculosis MazF toxins: target identification and stress adaptation	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	-\$406,714
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	-\$392,133
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$0
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	-\$91,883
2015	VISIONQUEST BIOMEDICAL LLC	NM	R43AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	-\$1,485
2015	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	-\$66,170
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	-\$197,932
2015	DXDISCOVERY INC	NV	R43AI109891	Point-of-care immunoassay for early diagnosis of pertussis	-\$143,827
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	-\$272,549
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$0

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2015	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	-\$72,933
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$0
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	-\$36,903
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	-\$19,444
2015	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	-\$43,854
2015	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$0
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$151,054
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	-\$9,318
2015	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	-\$504,624
2015	NEW YORK MEDICAL COLLEGE	NY	R03AI107431	T.gondii resistance to reactive nitrogen species	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	-\$58,167
2015	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	-\$91,699
2015	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	-\$58,637
2015	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	-\$52,343
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAde	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	-\$50
2015	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	-\$307,906
2015	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	-\$59,509
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	-\$8,871

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2015	CORNELL UNIVERSITY	NY	R21AI109061	Role of DC Wnt/beta-catenin signaling in Toxoplasma infection	-\$34,575
2015	AVATAR MEDICAL LLC	NY	R44AI091507	Conformational Stabilization of the HIV-1 Env Trimer	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$0
2015	New York Blood Center, Inc.	NY	R21AI111152	B. subtilis spore-delivered M2e-FP-based mucosal universal influenza vaccines	\$0
2015	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	-\$452,155
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	-\$297,000
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	-\$23,448
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	-\$5,335
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	-\$486
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$0
2015	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$0
2015	CODAGENIX INC	NY	R43AI116035	Balancing Immunogenicity of a Tetravalent Live Attenuated Dengue Vaccine	\$0
2015	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	-\$15,857
2015	ROCKEFELLER UNIVERSITY	NY	R21AI107508	Molecular genetic dissection of epidermodysplasia verruciformis	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	-\$56,321
2015	BREONICS INC	NY	R43AI106362	Cell therapy for Repairing Warm Ischemically Damaged Kidneys	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI112318	Functional screening for neutralizing antibodies targeting CMV entry factors	\$0
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI109410	A NEW HUMANIZED MOUSE MODEL OF CHRONIC HEPATITIS B	\$0
2015	BIOSCIENCE DEVELOPMENT INC	NY	R43AI114009	Development of Molecular Diagnostic Test For Early Onset of Lyme Disease	-\$5,532
2015	TRUDEAU INSTITUTE	NY	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	-\$30,028
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	-\$322,968
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	-\$6
2015	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	-\$1,202

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2015	HEALTH RESEARCH, INC.	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	-\$4,867
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	-\$1,913
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	-\$246,389
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	-\$655,634
2015	ROCKEFELLER UNIVERSITY	NY	U01AI109697	Molecular, immunological, and clinical dissection of STAT1 hypermorphic mutations	-\$28,760
2015	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	-\$315,617
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI110815	Role of two novel genes in IL-23 production and Th17-mediated pathogenesis in SLE	-\$2,350
2015	UNIVERSITY OF ROCHESTER	NY	R21AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	-\$26,100
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	-\$269,291
2015	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$9,005
2015	Yeshiva University	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	-\$254,303
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	-\$360,000
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	-\$60,000
2015	SUNY, BUFFALO	NY	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$0
2015	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	-\$861,423
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$2,310
2015	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	-\$1,531
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$0
2015	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	-\$57,037
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	-\$46,147

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2015	THERASOURCE LLC	NY	R43AI114218	A Novel Recombinant Protein for Mitigating Total Body Radiation Injury	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R21AI109458	Genetic characterization of the murine type I Interferon locus	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI108592	Solving the Artemisinin Dormancy Conundrum	-\$6,596
2015	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	-\$8,273
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI114724	Immune regulation of intestinal health and disease	\$0
2015	COLD SPRING HARBOR LABORATORY	NY	R13AI120531	CSHL 2015 Microbial Pathogenesis & Host Response Conference	\$0
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	-\$7,292
2015	POPULATION COUNCIL, INC	NY	R01AI040877	Modulating mucosal DCs and T cells to limit SIV spread	-\$426,705
2015	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	-\$160,737
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	-\$29,408
2015	HEALTH RESEARCH, INC.	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI114770	SETX, antiviral response and genetic diseases	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	-\$5,724
2015	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	-\$56,593
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI095245	Control of protective immunity by innate pathways sensing bacterial viability	\$0
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	-\$83,278
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	-\$103,806
2015	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	-\$5,590
2015	SUNY, STONY BROOK	NY	R21AI111129	Uracil DNA glycosylases in herpesvirus pathogenesis and DNA mutation	\$0
2015	CORNELL UNIVERSITY	NY	R21AI105520	Studies of the global translational response to human virus infection	\$0
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R24AI112350	Generation of Genotypically Diverse R5 SHIVs as Tools in HIV-1 Vaccine Research	-\$71,521
2015	Trustees Of Columbia University In The City Of New York	NY	K99AI108787	Dissection of Complex Multifactorial Interactions between Bacterial Species.	-\$1,714
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	-\$1

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2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$544,354
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	-\$67,967
2015	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	-\$1,491
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	-\$247,325
2015	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$0
2015	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	-\$146,232
2015	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	-\$659,956
2015	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$0
2015	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	-\$156,567
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$0
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI095256	Combination Clostridium Difficile Toxin and Adhesin Vaccine	\$0
2015	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	-\$137,741
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	-\$114,483
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	-\$280,048
2015	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI105751	Chronic Fatigue Syndrome, Immune Dysregulation, and Non-Hodgkin's Lymphoma	\$0
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI109324	Novel models for defining function of the BAFF/APRIL cytokine family	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI112290	Staphylococcus aureus mediated targeting and killing of immune cells	-\$11,729
2015	AVATAR MEDICAL LLC	NY	R43AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$0
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$0
2015	AVATAR MEDICAL LLC	NY	R43AI118087	A Universal Flu Vaccine Based on Conformationally Locked Soluble Headless HA	\$0
2015	New York University	NY	R56AI118453	The contribution of unintegrated HIV-1 to latency and to models of latency	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	-\$573,424
2015	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	-\$12,196

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2015	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$0
2015	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	-\$96,608
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	-\$709,605
2015	Trustees Of Columbia University In The City Of New York	NY	R01AI050234	Role of pfert in chloroquine resistance in P. falciparum	\$0
2015	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	-\$61,065
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	-\$282,149
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100724	A preclinical assessment of monthly intramuscular GSK1265744, an InSTI, as PrEP	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	-\$85,056
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	-\$111,623
2015	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	-\$114,980
2015	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	-\$2,763
2015	HEALTH RESEARCH, INC.	NY	R21AI107595	Enzyme-based lysis of mycobacteria	\$0
2015	HOCUSLOCUS LLC	NY	R41AI115834	sxRNA-based Antiviral Approach targeting Epstein-Barr virus	\$0
2015	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	-\$11,727
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	-\$80,118
2015	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	-\$104,856
2015	OHIO STATE UNIVERSITY	OH	R21AI109522	Cellular Cofactors of Murine Leukemia Virus Integrase	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI113148	Detection of Latent HIV Infection Using Selective Reaction Monitoring Mass Spectr	\$0
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	-\$183,752
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	-\$279,167
2015	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	-\$76,274
2015	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	-\$11,157
2015	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	-\$520,338
2015	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI097284	Infant Antibiotic Resistance and Implications for Therapeutic Decision-making	\$0

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2015	OHIO STATE UNIVERSITY	OH	R21AI110270	Role of HIV-1 Integrase in the Late Stage of Viral Replication	-\$31,576
2015	UNIVERSITY OF CINCINNATI	OH	R21AI107244	Proteasome subunit beta5t and thymus-specific peptides in T cell selection	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107147	Schistosome Transfection Using A Cationic Polymer	\$0
2015	UNIVERSITY OF TOLEDO	OH	R21AI111579	Risk stratification for sensitized patients in Kidney Paired Donation program	-\$2,947
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107131	Type III Secretion Translocon Structure and Function	-\$141
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	-\$6,641
2015	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	-\$1,465
2015	OHIO STATE UNIVERSITY	OH	R21AI109281	The essential P. aeruginosa pan-genome during chronic infection	-\$138
2015	OHIO STATE UNIVERSITY	OH	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	\$207,436
2015	OHIO STATE UNIVERSITY	OH	R56AI114826	Molecular Control of IFITM3 in Restricting Influenza Virus Infection	\$0
2015	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA capping and methylation in pneumoviruses	-\$3,924
2015	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$0
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	-\$226,273
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$0
2015	OHIO STATE UNIVERSITY	OH	R03AI111015	Forward genetics-based discovery of Histoplasma virulence genes	\$0
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI107238	Role of Commensal Microbiota in Stressor-Induced Immunomodulation	-\$1,277
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	-\$27,062
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI107631	Study of rodent HCV-GBV like viruses	-\$3
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	-\$1,569
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	-\$105,887
2015	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	-\$164,472
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI109512	Characterization of a Sox2 pathway in postembryonic schistosome parasites	\$0
2015	UNIVERSITY OF CINCINNATI	OH	R21AI111062	Translational repression & Aspergillus fumigatus virulence	\$0

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2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI088011	The role of non-canonical base pairs in RNA editing	-\$176
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	-\$10,491
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI113020	Development of a mouse model of peptidoglycan-induced pathology	\$0
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	-\$3,976
2015	IMMUNO-MYCOLOGICS INC	OK	R41AI104377	Rabbit InMAD Discovery of Novel Biomarkers for POC Tuberculosis Diagnostic Assay	\$0
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	-\$3,216
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI118836	Role of the Transcription Factor ARID3a in Innate Immune Responses	\$0
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI115178	Targeting mosquito FREP1 protein for malaria control	-\$19,002
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI115390	Procuring Native Natural Product Producers by In Situ Chimera Assembly	\$0
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI120495	Meeting on the Pathogenesis of Clostridia	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	-\$16,421
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$0
2015	REED COLLEGE	OR	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	-\$363,996
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	-\$85
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112433	Graft versus host immunity in SIV clearance following stem cell transplantation.	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	-\$106,934
2015	OREGON STATE UNIVERSITY	OR	R21AI110078	Strategy for anti-tuberculosis therapy	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112837	An unconventional, effector memory T cell vaccine for influenza	\$0
2015	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	-\$81,513
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	-\$20,187
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI111008	The effect of purine stress on translation and protein stability in Leishmania	-\$1,330

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2015	VITI INC	OR	R44AI091267	A CD8+ T cell diagnostic to identify children with pulmonary tuberculosis	\$0
2015	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	-\$22,837
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	-\$134,237
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	-\$37
2015	IMMUNOMIC THERAPUETICS INC.	PA	R43AI113914	TN-LAMP-vax: a Multi-Valent Tree Nut Allergy Immunotherapy	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105160	TRUSS as a novel regulator of inflammatory genes in asthma	-\$98,428
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	-\$66,475
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	-\$116,303
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	-\$351,535
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI111285	Pathogenic interaction of enterovirus 71 with PSGL-1 on human leukocytes	-\$20,069
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI112713	A strategy for point-of-care molecular detection of parasitic helminth infections	-\$1
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI109459	Genomic Epidemiology for Hospital Outbreak Detection	-\$627
2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI109135	Novel rabies virus vaccines that exploit innate immune signals	-\$1,464
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	-\$192,508
2015	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	-\$28,557
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	-\$1,818
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI052199	Molecular Control of TCR Signaling and Function	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$20,381
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	-\$185,116
2015	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	-\$109
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$0
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	-\$18,567
2015	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	-\$444
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109267	Role of Caspase-8 in Yersinia virulence and host defense	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI111010	Donor organ-specific exosome platform for monitoring transplant organ rejection	\$0

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2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI113469	Control of interferon-activated necrosis by a virus-triggered FADD checkpoint	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	-\$4,062
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	-\$67,886
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	-\$13,606
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$0
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095500	Dissecting the alphavirus entry receptor NRAMP	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103785	Innate Immune Regulation of Intracellular Pathways Involved in Filovirus Budding	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	-\$435,950
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI107145	High-throughput Screening for Inhibitors of Human Metapneumovirus	-\$6,555
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI118777	Regulation of Liver DC Function and Transplant Tolerance	-\$400
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	-\$24,058
2015	UNIVERSITY OF PENNSYLVANIA	PA	R33AI087383	Cloning, characterization and in vivo testing of mucosally transmitted SIV	-\$11,287
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	-\$1,128,855
2015	DREXEL UNIVERSITY	PA	F31AI110327	The Role of Rab6A in HIV-1 Env-mediated Entry into Monocyte-Derived Macrophages	-\$241
2015	DREXEL UNIVERSITY	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$659
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI104121	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM INFLUENZA A VIRUS	\$0
2015	LENIMA FIELD DIAGNOSTICS LLC	PA	R41AI120445	A Low-Cost Portable Multiplex Serum Molecular Test for HBV and HCV Detection	\$0
2015	PHLIX THERAPEUTICS LLC	PA	R43AI120926	Cathepsin B Inhibitors as Therapeutics for Ebola Infection	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI120363	Association Between Viral Hepatitis Infection and Low Muscle Mass Among HIV-Positive Individuals	-\$8,307
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI111707	Exploiting Host Polyamines for the Treatment of Skin and Wound Infections	-\$1,526

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2015	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	-\$33,783
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111692	Validation and development of trans-translation as a drug target for MRSA	-\$2
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108585	Human mast cell-specific Mas-related Gene-X2 (MrgX2) in Anaphylaxis and Asthma	\$0
2015	VENATORX PHARMACEUTICALS INC	PA	R43AI109879	Broad-spectrum, orally-bioavailable beta-lactamase inhibitors	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	-\$38,979
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	-\$10,477
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	-\$19,640
2015	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$0
2015	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	-\$83,950
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI110179	Intergenic cis regulatory elements in the control of IL-2 and IL-21	-\$1
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	-\$312,883
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI105846	Mechanisms of TLR4-mediated impairment of murine and human HSC function	\$0
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111175	ReMOT Control of mosquito transgenesis	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105611	Determination of Exhaled Biomarkers for Low-Cost Diagnosis and Monitoring of TB	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI112624	B1 cell-mediated immunity in Human Immune System mice	\$0
2015	VIRONIKA LLC	PA	R44AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI107290	Candida albicans gene expression during intra-abdominal infections	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI117726	Clinical manufacturing and toxicology testing of an adenoviral-based RSV vaccine	-\$835
2015	HEPATITIS B FOUNDATION	PA	R13AI118198	2015 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	-\$2,736
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	-\$54,674
2015	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	-\$5,809
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	-\$1,768
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	-\$264

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2015	UNIVERSITY OF PITTSBURGH	PA	R21AI113102	Simplified Assays of Latent But Inducible HIV-1 Reservoirs	-\$72,156
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI105724	Induction of polysaccharide vaccine responses in the young by interleukin-7	-\$4,243
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109316	Thiol-based switches in Vibrio cholerae pathogenesis	-\$7
2015	UNIVERSITY OF PENNSYLVANIA	PA	F30AI112426	Discovery of a Novel Immune Response to the 5' Leader of HIV-1	-\$1,546
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI110351	Cyst effector gene families and Toxoplasma pathogenesis	\$0
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI113952	DEVELOPMENT OF SMALL MOLECULE THERAPEUTICS AGAINST RNA VIRUSES	\$0
2015	Evrys Bio, LLC	PA	R43AI118232	An Antiviral to Treat Progressive Multifocal Leukoencephalopathy_(PML)	\$0
2015	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$174,683
2015	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	-\$346,718
2015	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	-\$930,924
2015	RHODE ISLAND HOSPITAL	RI	R21AI107520	S.japonicum, anemia, and iron transport in human pregnancy	\$0
2015	BROWN UNIVERSITY	RI	R21AI112363	Genotypic plasticity and parasex in Candida albicans	-\$330
2015	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$0
2015	NUBAD LLC	SC	R41AI114114	Development of Peptide Antibiotic Nucleic Acids	\$0
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI109385	Targeting P. aeruginosa penicillin-binding proteins for drug discovery	-\$2,936
2015	TISSUE TESTING TECHNOLOGIES LLC	SC	R43AI114486	Immunogenicity of wild-type pig tissues after ice-free cryopreservation in genetically engineered recipients	\$0
2015	CLEMSON UNIVERSITY	SC	R03AI107950	Stress Induced Control of Protein Translation in Entamoeba Histolytica	\$0
2015	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI107379	Study of Novel Influenza C Virus	\$0
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	-\$12,909
2015	UNIVERSITY OF TENNESSEE	TN	R01AI105690	Screen for phosphatidylserine synthase inhibitors: antifungals & lipid probes	\$0
2015	EAST TENNESSEE STATE UNIVERSITY	TN	R56AI117730	Complement-mediated anti-pneumococcal functions of C-reactive protein	\$0
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$0
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	-\$111,511
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	-\$11,934
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	-\$371,997

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2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	\$0
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI113490	JAK inhibition as a novel treatment for hemophagocytic lymphohistiocytosis	\$0
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$0
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	-\$66,619
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	-\$156,379
2015	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	-\$34
2015	MEMPHIS STATE UNIVERSITY	TN	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	-\$123,313
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	-\$23,314
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$0
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	-\$48,308
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	-\$179,531
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$0
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	-\$21,256
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	-\$273,560
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	-\$4,696
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	-\$162,139
2015	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI110771	MIF inhibition as a novel treatment for autoimmune myocarditis	-\$113
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109088	Antiviral Innate Pathways and Superoxide Dismutase in RSV Bronchiolitis	-\$87
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI110263	Mechanisms of Reactivation of Latent HIV by HDAC Inhibitors	-\$407
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI116222	Novell small molecules to reactivate latent HIV and sensitize to anti-viral therapies	-\$68,752
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI103763	Protein nanoclusters for delivery of high concentration therapeutic antibodies	-\$2,844
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$0

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2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	-\$93,607
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	-\$79
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	-\$81,726
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$59,880
2015	TEXAS TECH UNIVERSITY	TX	R21AI106400	Characterization of the antiviral activity of BCA2	-\$898
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI113200	A new mammalian-specific function for OspC in Lyme borreliosis	-\$372
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R56AI108657	Regulation of cell cycle transitions by CRK1 and CRK3 in trypanosomes	-\$3,907
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	-\$13,349
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI103036	Targeting Entry Pathways in Leishmaniasis	\$0
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	-\$201,696
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI110214	Susceptibility of antigen-specific CD4 T cells to HIV: implications for HIV vacci	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109100	Damage-associated Alarmin Key to Immune Responses in Viral Hepatitis	-\$46
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI114344	Suppressing HIV infection by disrupting CCR5 with double nicking CRISPR-Cas9 syst	-\$39
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	-\$265,988
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	-\$170,014
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	-\$71,296
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	-\$55,150
2015	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI109630	Inhibition of neutrophil responses by ecSOD	\$0
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI109523	Signaling Molecules in Mycobacterium tuberculosis	-\$1,572
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on CustomizedNanotrap	-\$94,935

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101413	Mechanisms of Cytosolic Clearance of Rickettsiae	\$0
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$4,968
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	-\$42,079
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	-\$5,110
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	-\$38,383
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	-\$21,163
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	-\$108,820
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI103565	A novel role of NF-kB in viral-induced airway oxidative stress	-\$3
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	-\$76,759
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI110140	The lnc to clinical abnormalities in 22q11_2 deletion DiGeorge syndrome	-\$18
2015	AI BIOSCIENCES INC	TX	R43AI115830	Rapid and Ultrasensitive Direct Detection of RNA for Norovirus Gastroenteritis	\$0
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI116208	Adipose Tissue is a significant reservoir for HIV	-\$13,624
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	-\$381,323
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	-\$78,111
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	-\$1,553
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	-\$192,501
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	-\$2,272,866
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111023	Identification of novel M. tuberculosis secreted effector proteins	-\$1

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2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113206	Establishment of a Transgenic Mouse Model for Middle East Respiratory Syndrome Co	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K99AI116948	Type VI Secretion System MIX-effectors and their use as anti-bacterial agents	-\$1,388
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	\$30,028
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	-\$560
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K22AI097345	Interrogating the Interaction between Toxoplasma Secreted Factors and the Host Im	-\$2,211
2015	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI113585	Microvesicle Isolation from Mycobacterium tuberculosis infected macrophage using	\$0
2015	POND LIFE TECHNOLOGIES LIMITED LIABILITY COMPANY	TX	R41AI115854	Green Algal Strains for Biological Control of West Nile Virus Mosquitoes	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$0
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Secretion Effector Proteins in Coxiella burnetii	\$0
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	-\$64
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	-\$19,379
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI107570	Genetic determinants of bacterial fitness in polymicrobial wound infections	-\$20,497
2015	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI104593	Performance Validation of a Multiplexed IVD System for Gastrointestinal Pathogens	\$0
2015	BRIGHAM YOUNG UNIVERSITY	UT	R21AI105656	pH and glucose sensing in Trypanosoma brucei glycosomes	-\$5,539
2015	UNIVERSITY OF UTAH	UT	R21AI114432	Dynamics of early ESCRT recruitment during HIV budding	\$0
2015	BIOFIRE DIAGNOSTICS, LLC	UT	R03AI112865	Pilot utility and prospective performance study of a rapid automated diagnostic f	\$0
2015	NAVIGEN INC	UT	R44AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$0
2015	UNIVERSITY OF UTAH	UT	R03AI113631	Expanding the Genetic Basis of Common Variable Immunodeficiency	\$0
2015	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	-\$299
2015	UNIVERSITY OF UTAH	UT	R21AI116212	A family of compounds that reactivate latent HIV without T cell activation	-\$31,121
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	-\$126,706
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI099250	Juvenile hormone action, and crosstalk between juvenile hormone and 20-hydroxyecd	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	-\$84,647

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2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI105364	Anaplasma phagocytophilum hijacking of host cell monoubiquitination	\$0
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	-\$32,176
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109517	Developing genetic tools for a new model of infection and immunity	-\$1
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109202	Staphylococcus aureus ribosomal protein processing, a potential new drug target	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$0
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	-\$168,958
2015	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	-\$28,956
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI109250	Lymphatic endothelial cells as inducers of systemic peripheral tolerance	\$0
2015	GEORGE MASON UNIVERSITY	VA	R03AI110174	Development of a novel HIV-1 nuclear localization assay	\$0
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115138	Identification and disruption of mosquito heme transporters	-\$8,033
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	-\$3
2015	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$0
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	-\$17,463
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN-γ with mast cells and eosinophils i	-\$10,807
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	-\$538
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI099528	Comparative genome mapping of the Anopheles species cluster	-\$5
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109532	Antibiotic selection for schistosome transgenesis	-\$5
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI110184	Structural characterization of the HIV-1 Rev response element	\$0
2015	GEORGE MASON UNIVERSITY	VA	R21AI113140	Nanotrap particle-based assay to quantify HIV-1 in latently-infected T cells	-\$57
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	-\$1,652
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	-\$77,288

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2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI113643	Function of a novel male-specific gene in Aedes aegypti	-\$884
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R56AI120055	Clinical immune response to rhinovirus challenge in human asthmatics	-\$2,114
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	-\$232,867
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109111	Stabilization and regulation of a Bacillus anthracis spore lytic enzyme	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	-\$38,637
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI108521	Genotyping and Pharmacokinetics in the HIV/MDR-TB epidemic of Eastern Siberia	-\$50
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	-\$11,653
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI108533	HIV-1 Nef regulates activity of the ER chaperone calnexin	-\$14
2015	GEORGE WASHINGTON UNIVERSITY	VA	R34AI118537	Planning for Experimental Infection Trial to Test Hookworm Vaccine Efficacy	-\$6,003
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	-\$35,240
2015	UNIVERSITY OF VERMONT	VT	R21AI112804	iNKT Cells Regulating Lung Mast Cells: New Treatment Opportunity for Asthma	-\$1,755
2015	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	-\$185,478
2015	UNIVERSITY OF VERMONT	VT	R21AI109192	T Lymphocyte Homeostasis in Obesity	-\$244
2015	UNIVERSITY OF VERMONT	VT	R21AI110016	Regulation of mitochondrial function in T cells	-\$3,502
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$47,624
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	-\$146,716
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$198,285
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	-\$131,137
2015	VIRTICI LLC	WA	R43AI118001	A Novel Tolerance Therapeutic for Treating Peanut Allergy	\$0
2015	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$0
2015	UNIVERSITY OF WASHINGTON	WA	R01AI096968	PrEP and protective immune responses against HIV-1	-\$21,506
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	-\$1,714,695
2015	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	-\$149,670

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2015	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	-\$16,632
2015	RARECYTE, INC.	WA	R43AI113990	Direct visualization assay for detection of B. burgdorferi in early Lyme Disease	\$0
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111330	Protein tyrosine phosphorylation by dual specificity kinases in M. tuberculosis	-\$17
2015	UNIVERSITY OF WASHINGTON	WA	R56AI074661	Biomaterials that Promote Infection Immunity	-\$36,458
2015	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	-\$641,558
2015	UNIVERSITY OF WASHINGTON	WA	R21AI109332	Phase Variation in Mycoplasma Genitalium	-\$232
2015	UNIVERSITY OF WASHINGTON	WA	R03AI103322	Epidemiology of oral gamma and beta HPV infections in mid-adult women	\$0
2015	EVERGREEN STATE COLLEGE	WA	R13AI120544	Evergreen Phage Conference 2015	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	-\$143,915
2015	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	-\$958
2015	SPRINGSTAR INC	WA	R43AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	-\$2
2015	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	-\$45,183
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	-\$598
2015	SPRINGSTAR INC	WA	R44AI096563	Refinement of an autodissemination station for control of mosquito vectors	-\$4,337
2015	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	-\$76,928
2015	WASHINGTON STATE UNIVERSITY	WA	R21AI112649	Brucella mechanisms of autophagy mediated egress	\$0
2015	UNIVERSITY OF WASHINGTON	WA	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	-\$28,049
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$0
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	\$0
2015	UNIVERSITY OF WASHINGTON	WA	R33AI094412	Nanoparticle microbicides for delivery of combination antiretroviral drugs	-\$49,389
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	-\$195,441
2015	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$2,019
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI103981	CHARACTERIZATION OF HIV-1 ANTIBODY RESPONSES IN CHRONICALLY INFECTED WOMEN	-\$4,121
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	-\$321,621

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2015	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	-\$14,445
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$0
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI102567	Identifaction of the genetic basis of primaquine resistance in malaria parasites	-\$11,943
2015	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	-\$914,529
2015	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$0
2015	PHARMAIN CORPORATION	WA	R43AI107953	Medical countermeasure after radiation exposure	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI109340	Roles of Experimentally Evolved Vaccinia Mutations in Antagonizing Cell Defenses	-\$2
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation	\$0
2015	ATTODX INC	WA	R41AI118851	Ultra-Sensitive Diagnosis of AIDS-Related Tuberculosis	-\$37,215
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	-\$151,631
2015	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	-\$1,184
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	-\$152,799
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	-\$255
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI109222	Environmental Signals that regulate GBS virulence	-\$55,574
2015	UNIVERSITY OF WASHINGTON	WA	R21AI109020	Folliculin Interacting Proteins in Lymphocyte Development and Autoimmunity	-\$38
2015	UNIVERSITY OF WASHINGTON	WA	R21AI112389	Biophysical Signatures in HIV-1 Env Correlating with Mother-to-Child Transmission	\$0
2015	PAI LIFE SCIENCES INC	WA	R43AI109936	Immuno-Chemotherapy to Shorten TB Treatment	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI105537	Regulation of Morphogenesis in Dimorphic Fungi by a GATA Transcription Factor	\$0
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI110963	Genetic engineering of the Idd3 type 1 diabetes locus	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	-\$1,254,577
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	-\$677,974
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	-\$351,502
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$0

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2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109198	Impact of nucleotide metabolism on enterococcal antibiotic resistance	-\$1
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	-\$253,369
2015	SCARAB GENOMICS LLC	WI	R44AI094823	Toxoid adjuvant CRM197 production in a stable reduced genome E. coli strain	\$0
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	-\$296
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	-\$1,384
2015	Flugen, Inc.	WI	R41AI109925	Development of a novel highly effective influenza vaccine	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	-\$131,670
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	-\$8,433
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	-\$123,510
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI113580	Construction and Analysis of BoNT derivatives as Pain Specific Inhibitors	\$0
2015	Flugen, Inc.	WI	R41AI120269	Restimulating memory T cell responses in elderly by a novel, live influenza vaccine	\$0
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	-\$129
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	-\$72,942
2014	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$0
2014	UNIVERSITY OF CAPE TOWN		R01AI096735	An evidence based algorithm for diagnosis of tuberculosis in HIV patients	\$0
2014	FUNDACION MANUEL PEREZ		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$0
2014	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	-\$40,524
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI106395	Vaginal Dendritic Cells Selectively Transmit HIV-1 Founder Virus	-\$11
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI021548	PspA mechanisms of humoral immunity, functional assays, and optimal vaccine const	-\$213,023
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	-\$1,308
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	-\$124,353

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2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI107148	Coxiella burnetii Regulation of Macrophage cAMP/PKA Signaling	-\$4,544
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	-\$41
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	-\$1,122
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	K22AI099184	Characterization of Antiviral Functions of Sterile Alpha Motif-Containing Domain	-\$997
2014	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$0
2014	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI089846	Role of Macrophage Regulatory Cells (Mac-regs) in Immune Regulation	\$0
2014	YASO THERAPEUTICS INC	AZ	R44AI084225	Continuing Development of PPCM Vaginal Contraceptive Microbicide	\$0
2014	VITALANT	AZ	R21AI108503	Characterization of the HIV-1 Latent Reservoir in CCR5-Delta 32 Heterozygotes	\$0
2014	ARIZONA STATE UNIVERSITY	AZ	R56AI109416	Landscape Molecular Epidemiology for Malaria Elimination	-\$45,829
2014	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	-\$17,235
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101802	Molecular Epidemiology of Vivax Malaria in Ethiopia	\$0
2014	STANFORD UNIVERSITY	CA	R21AI104230	Functional Roles of NKp46 in Transplantation	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103624	An anti-inflammatory protein of H. pylori: mechanism and diagnostic potential	-\$250
2014	VIROGENICS INC	CA	R41AI104034	Modulation of the Innate Immune System by Fisetin for the Treatment of AD	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	-\$2
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	-\$3,571
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$0
2014	La Jolla Institute For Immunology	CA	R21AI101875	Cell-based functional genetics of autoimmunity through targeted gene integration	\$0
2014	CLAREMONT BIOSOLUTIONS LLC	CA	R44AI078619	A fully integrated assay and platform for detecting Clostridium difficile.	\$0
2014	PAXVAX INC	CA	R44AI091546	Oral, replicating Ad4-HIV vaccine development & evaluation in NHP challenge model	\$0
2014	STANFORD UNIVERSITY	CA	F32AI104227	How Toxoplasma injects rhopty proteins into the host cell	-\$460
2014	STANFORD UNIVERSITY	CA	R21AI102792	Virologic Failure of boosted Proteases	-\$16
2014	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI104445	Effects of Acitretin on the activation of latent HIV	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI108826	Immunologic Aspects of In Utero or Neonatal AAV-Based Gene Therapy	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R56AI102913	mRNA as a mediator of immunological information transfer in vivo	\$0

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2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI105882	Biologic Role of Cytomegalovirus in Endothelial Cell Inflammation and Atheroscler	-\$58
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	-\$9,643
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIOSTATISTICS TRAINING FOR AIDS RESEARCH	\$0
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	P01AI090935	Global innate immune responses to HIV-1 infection	-\$165,800
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	-\$641
2014	MOLECULAR EXPRESS, INC	CA	R43AI104073	Novel VLP Adjuvant based on the VesiVax system	\$0
2014	ADAMAS PHARMACEUTICALS INC	CA	R33AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	\$16,415
2014	GLIXIS THERAPEUTICS LLC	CA	R43AI106168	N-acetylglucosamine analogs for the treatment of Multiple Sclerosis.	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI103692	Molecular interactions between soluble host factors and a gene delivery vector	\$0
2014	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	-\$61,246
2014	GENEFLUIDICS INC	CA	R44AI088756	An Integrated Diagnostic System for Rapid Antimicrobial Susceptibility Testing	\$0
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	-\$1
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI092129	Trapping membrane proteins with adjuvant-carrying amphipols for vaccine formulati	-\$1,192
2014	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fel d1 chimeric protein vaccine to treat cat allergy	-\$1,000,000
2014	RAND CORPORATION	CA	R21AI103741	Implications of the 2004-2005 Influenza Vaccine Shortage	\$696
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI052065	HIV AND HCV DISEASE PROGRESSION IN WOMEN ON HAART	\$0
2014	ACHAOGEN, INC.	CA	R21AI113572	Structure and property driven optimization of fatty acid synthesis inhibitors for	-\$199,422
2014	UNIVERSITY OF CALIFORNIA	CA	R56AI107263	Harnessing midgut mitochondrial dynamics to enhance Anopheline mosquito fitness	-\$11
2014	ARISAN THERAPEUTICS INC	CA	R43AI104106	Identification of novel broad-spectrum Dengue antivirals	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	-\$123,542
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	-\$792
2014	La Jolla Institute For Immunology	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$0

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2014	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$11,031
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105057	Innate enteric immunity during induced Paneth cell deficiency	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$193,768
2014	STANFORD UNIVERSITY	CA	R56AI077599	Aspergillus Genome Database	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	-\$337
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	-\$429
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	-\$176,087
2014	VLP BIOTECH INC	CA	R44AI088919	A therapeutic vaccine for chronic hepatitis B	-\$8
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI101750	Acinetobacter virulence and host innunopathogenesis	-\$397
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI106472	Impact of HIV infection on anti-tumor CD8 responses in vivo	\$0
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI097354	Noninvasive imaging of eosinophils	-\$384
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103656	In vivo mouse models for inducible hematopoietic- and hematopoietic stem cell-spe	-\$42
2014	CEDARS-SINAI MEDICAL CENTER	CA	R56AI107553	Host Immune Responses to Chlamydia Pneumoniae Infection	\$0
2014	IMMPORT THERAPEUTICS INC	CA	R44AI066791	Protective biomarkers for the development of vaccines against malaria	\$0
2014	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R00AI101167	Characterization of Potassium Channels in the Human Parasite Trypanosoma Cruzi	-\$17,233
2014	MULTIMERIC BIOTHERAPEUTICS INC	CA	R43AI098246	Development of a multimeric CD40 ligand vaccine adjuvant	\$0
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI109074	Mechanisms of Toxoplasma gondii dissemination and transmigration	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI041935	HIV - Emergence of Drug Resistance	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	-\$72,729
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	-\$3
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI095062	Do peptide mimetics of gp41 improve antibody-epitope interactions?	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI105779	Trichomonas vaginalis MIF: a role in prostate cancer and infertility?	\$0

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2014	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	\$0
2014	STANFORD UNIVERSITY	CA	F32AI108211	Identification of serine hydrolases involved in Plasmodium host cell invasion	-\$3,352
2014	SOMAGENICS, INC	CA	R43AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Viru	-\$182
2014	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	-\$3,015
2014	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$0
2014	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	-\$54
2014	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI092108	iNKT Cell Recognition of Endogenous Lipid Antigens	-\$10,349
2014	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	\$0
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$0
2014	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	-\$26,734
2014	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$0
2014	MBIO DIAGNOSTICS INC	CO	R44AI093289	Point-of-Care HIV Antigen/Antibody Diagnostic Device	\$0
2014	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	-\$160
2014	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$0
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$0
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$0
2014	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$92
2014	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	-\$13,020
2014	L2DIAGNOSTICS, LLC	CT	R43AI096628	A Lyme disease vaccine using newly identified in-vivo expressed antigens	\$0
2014	L2DIAGNOSTICS, LLC	CT	R43AI104355	Targeted Inactivation of the CCR5 HIV Coreceptor with Peptide Nucleic Acids	\$0
2014	GEORGETOWN UNIVERSITY	DC	R15AI109591	The Role of Lectins in Immune Recognition of Giardia.	\$0
2014	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$0
2014	UNIVERSITY OF MIAMI	FL	R21AI105320	Antigen-specific tolerance in T1 diabetes byIDO loaded functionalized dendrimers	-\$358
2014	UNIVERSITY OF FLORIDA	FL	R56AI111974	Combination Therapy Modeling for M tuberculosis Resistance Suppression and Kill	-\$1,131
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103673	Natural Product Treatments for Leishmaniasis	-\$2,992
2014	UNIVERSITY OF MIAMI	FL	R56AI106894	Role of Telomeric Proteins in Antibody Class Switch Recombination	\$0

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2014	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	-\$6
2014	ISENSE LLC	FL	R44AI094781	Rapid Identification of Pathogenic Bacteria and Sepsis Diagnosis	-\$35
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$0
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103302	Ecdysteroid Signaling in Filarial Parasites	-\$2,472
2014	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	-\$291,771
2014	UNIVERSITY OF FLORIDA	FL	F32AI100322	Characterization of a novel role for DEAD-box RNA helicases in bacteria.	-\$251
2014	UNIVERSITY OF FLORIDA	FL	R21AI101864	Mechanisms of Ferritin-iron Acquisition and Burkholderia pseudomallei Infection.	-\$8
2014	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	-\$312,075
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI107845	Discovery of Marine Invertebrate-Derived Antimalarial Agents	-\$589
2014	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI105985	Inhibiting protein-primed replication of human enteroviruses.	\$0
2014	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	-\$71,290
2014	EMORY UNIVERSITY	GA	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	-\$1
2014	EMORY UNIVERSITY	GA	P01AI078907	B Cells in Health and Disease	\$0
2014	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	-\$1,413
2014	EMORY UNIVERSITY	GA	R21AI106386	Role of oxido-reductive stress in regulating HIV-TB coinfection	-\$1
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	-\$5,557
2014	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	-\$1
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI099476	Lead Optimization of Lapatinib Analogs for Human African Trypanosomiasis	\$0
2014	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$0
2014	EMORY UNIVERSITY	GA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	-\$29,154
2014	EMORY UNIVERSITY	GA	R56AI110516	Regulation of T cell immunity by the cytosolic RIG-I like receptors	\$0
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$0
2014	EMORY UNIVERSITY	GA	R21AI103270	Polyamine Modulation of Gonococcal Virulence	\$0

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2014	EMORY UNIVERSITY	GA	R56AI109526	Regulation of Clostridium difficile Spore Formation	-\$31,923
2014	UNIVERSITY OF HAWAII	HI	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$0
2014	UNIVERSITY OF IOWA	IA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$0
2014	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$0
2014	UNIVERSITY OF IOWA	IA	F32AI113973	Deciphering the Role of the Coronavirus Macro Domain in SARS-CoV Infection	-\$764
2014	IDAHO VETERANS RESEARCH & EDUCATION FOUNDATION INC	ID	R21AI101457	Diagnosis of sub-clinical cryptic group A streptococcal myonecrosis	\$0
2014	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	-\$1
2014	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	-\$632
2014	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	-\$2,100
2014	NORTHWESTERN UNIVERSITY	IL	R21AI103451	CRISPR Cas genes and Legionella pneumophila infection	-\$676
2014	NORTHWESTERN UNIVERSITY	IL	R56AI106030	The Pathogenesis of Kawasaki Disease	\$0
2014	NORTHWESTERN UNIVERSITY	IL	R21AI103658	Small, noncoding RNAs and the evolution of Yersinia pestis virulence	-\$4,137
2014	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$0
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	-\$85
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI106024	"LLISA:'Liposome-Linked Immunosorbant Assay' for Detection of HIV Viral Load at Point-of-Care"	-\$24,183
2014	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	K22AI104799	Multiscale Modeling of Pilin Subunit Recognition by Pneumococcus Sortase C enzymes	-\$338
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	-\$193,692
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI099639	Discovery of novel anti-HBV compounds targeting host factors	-\$276
2014	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	-\$1,743
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	-\$3,333
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI107075	Functions of Pneumococcal Murein Hydrolases Required for Division and Virulence	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI105786	Inhibition of phosphatase activity as a novel treatment for chronic toxoplasmosis	\$0
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$0
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	-\$169
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI102873	Assembly of a Dodecahedral Virus	\$0

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2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI077688	The Biophysics of Virus Capsid Assembly	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI106435	Manipulation of host cell acetylome in AIDS opportunistic infection	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI112398	The Role of Follicular Helper T Cells in HIV Prime Boost Vaccination	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI108775	Development of the vaginal microbiome in young Black women	-\$125,951
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	-\$5,952
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	-\$2,316
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	-\$1
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	-\$1,652
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	-\$6,155
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$0
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI103466	Rational Approach to Optimize Immune Potency of DNA Vaccines	\$0
2014	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R43AI112221	Peptide inhibitors of coronavirus entry	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	-\$139,723
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	-\$633
2014	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	-\$93,666
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI108329	The ethics of electronic adherence monitoring for HIV research and care in Uganda	-\$4,714
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	-\$161,148
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI101348	Modulation of chronic Th2 inflammation by the CCR8 receptor-ligand pathway	\$0
2014	Trustees Of Boston University	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	-\$5,192
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	-\$21,943
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$0
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI094932	Modification of host proteins during Chlamydia infection	-\$155
2014	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$0
2014	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	\$127,929
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI109223	Structural Requirements for Broadly Protecting Antibodies to Influenza A & B	\$0

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2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI089350	Novel Strategy for HIV Drug Resistance Monitoring in Developing Countries.	-\$3,542
2014	BOSTON COLLEGE	MA	R21AI099658	The role of the DOC2.1 protein in Toxoplasma gondii Ca2+- dependent exocytosis	-\$14,932
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI107097	Novel Immunodeficiency caused by TFRC Mutation	-\$836
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI070926	Virulence mechanisms of group A streptococcal toxins	-\$116
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	-\$1,363
2014	UNIVERSITY OF MASSACHUSETTS	MA	R03AI103521	Development of Robust Culture Systems for the Human Splenic Littoral Cell	-\$6,566
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI106468	Limiting HIV-1 persistence by targeting stem cell properties of CD4 T cells	\$0
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI112960	Function and mechanism of the HCV p7 channel and its therapeutic potential	-\$3,295
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI104975	S. pneumoniae pilus regulation and host response	-\$198
2014	TUFTS UNIVERSITY	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$0
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	-\$4
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	-\$2
2014	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	-\$148,976
2014	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$0
2014	MICROBIOTIX, INC	MA	R44AI072861	Identification of Novel Broad Spectrum Influenza Virus Inhibitors	\$0
2014	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R56AI111823	Mesenchymal stem cells as a protective niche for latent M. tuberculosis	-\$679
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI112489	Small-Molecule Fusion Inhibitors Targeting a Fusion Intermediate State of HIV-1 g	\$0
2014	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	-\$926
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$10,242
2014	UNIVERSITY OF MASSACHUSETTS	MA	R33AI087191	Production of neutralizing mAbs from HIV vaccinees	-\$5,910
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI106540	In vivo suppression of SIV-mediated immune activation	-\$312
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI103480	Identification of protective pneumococcal antigens from a surface protein library	-\$214
2014	Trustees Of Boston University	MA	F32AI110023	A Rapid Instrument Free Molecular Diagnostic for B. Pertussis	-\$7,877
2014	TUFTS MEDICAL CENTER	MA	R21AI103905	Use of massively parallel sequencing for identification of B. burgdorferi virulen	\$0
2014	IMMUNETICS, INC	MA	R43AI108377	Clade C-specific HIV assay to distinguish true infection from vaccine-induced ser	\$0

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2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	-\$2
2014	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	-\$228,603
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	-\$40,959
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$0
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$17,199
2014	PRIME BIO INC	MA	R03AI103868	Botulinum Neurotoxin Trafficking and Tissue Distribution with Mouse Body Imaging	\$28,798
2014	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$0
2014	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI103882	Anti-inflammatory promoting commensal E. coli	\$0
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$208
2014	TUFTS UNIVERSITY	MA	R56AI107821	Global transcriptome analysis of mucosal gonococcal infection	-\$12,470
2014	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	-\$13,366
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107085	Temporal Trends in Food Sensitization in U.S. Children	-\$3,075
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI047466	Immunopathogenesis of Lupus	\$98,106
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	-\$69,907
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	-\$22,080
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	-\$1
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	-\$151,138
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI107224	Vaginal microbiota, immune responses and vulvovaginal symptoms during menopause	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	-\$71,830
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$0
2014	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	-\$1,102
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	-\$58
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101685	Immunotherapeutic Potential of Modified Lipooligosaccharides and Lipid A's	\$0
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	-\$373,316
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI102659	Circulating Cellular and Extracellular Noncoding RNAs in HIV-1 Elite Suppression	-\$138
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI108024	Immunotherapeutics to prevent HCV reinfection	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI090727	Post Genome-Wide Association Study of Food Allergy	-\$1
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	-\$702
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI097138	Biomarkers and Signaling in Tuberculosis	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI106031	Comparative Effectiveness of Rapid TB Diagnostics in Uganda	-\$5,286
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI113313	Modifying T Cell Responses by Combinatorial Targeting of Negative regulators	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$0
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R56AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$0
2014	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	-\$52,633
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	-\$78
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI098167	The role of mitochondrial reactive oxygen species in innate immune signaling	-\$2
2014	UNIVERSITY OF MARYLAND	MD	R56AI114269	Characterization of a novel signal transduction pathway in M. tuberculosis	-\$284
2014	JOHNS HOPKINS UNIVERSITY	MD	R56AI080328	CD8+ T cell mediated inhibition of HIV-1 replication in Elite Suppressors	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	-\$269
2014	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	-\$12,032
2014	UNIVERSITY OF MARYLAND	MD	R01AI094773	Profiling the Leishmania-macrophage Host-pathogen Infectome	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$26,386
2014	UNIVERSITY OF MARYLAND	MD	R21AI107230	A genetic resource for Anopheles immunity research	\$0
2014	UNIVERSITY OF MARYLAND	MD	R21AI103797	Interaction of Neisseria gonorrhoeae with polarized human endocervical epithelial	-\$105
2014	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	-\$614

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2014	Regents of the University of Michigan	MI	R21AI103452	Adenovirus myocarditis: defining host factors contributing to pathogenesis	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI099404	GPCR Kinase-5 in Inflammatory Bowel Disease	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI105867	Screening for inhibitors of M. tuberculosis persistence-related lipid metabolism	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	-\$1
2014	Regents of the University of Michigan	MI	U19AI090871	Clostridium difficile Cooperative Research Center	-\$905
2014	Regents of the University of Michigan	MI	R21AI105167	How eukaryotic pathogens explore the fitness landscape by mitotic recombination	\$0
2014	Regents of the University of Michigan	MI	R21AI105362	Treponomics: enhanced tools for genetic manipulation in spirochetes	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	R56AI081817	Mechanism of Class Switch Recombination	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$0
2014	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$0
2014	MAYO CLINIC	MN	R56AI112538	Regulation of NK Cell Activation by DOCK8-Mediated Pathways	-\$4,231
2014	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R21AI103012	Bayesian Methods and Software for Patient-Centered Network Meta-Analysis of Binar	\$0
2014	BIOThERA INC	MN	R43AI107999	An immunomodulatory yeast-derived beta glucan as a component of a conjugate	-\$499
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$0
2014	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	-\$1,321
2014	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	-\$208,050
2014	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$0
2014	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	-\$8,215
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI107995	The role of the TCR in effector CD4 T cell differentiation	-\$2,339
2014	WASHINGTON UNIVERSITY	MO	R01AI106361	HIV CORECEPTOR SHIFT	\$0
2014	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeutics for Chikungunya Virus	\$0
2014	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	-\$2,483
2014	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	-\$33,137

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2014	UNIVERSITY OF MISSOURI SYSTEM	MO	R56AI107095	Restriction of Viral Membrane Fusion and Entry by IFITM Proteins	\$0
2014	SAINT LOUIS UNIVERSITY	MO	R21AI099780	Mechanisms of IL28B genetic variation-mediated clearance of hepatitis C virus	-\$59
2014	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	-\$205,502
2014	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI113706	Nanoparticle-based SERS assay for Dengue virus detection in blood	\$0
2014	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	-\$14,587
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	-\$516
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI103617	Why Are Steroids Ineffective at Suppressing RSV Bronchiolitis	-\$1,102
2014	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	\$0
2014	Duke University	NC	R56AI112360	Magnetically directed single cell transcriptome analysis in HIV latency	-\$85,312
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	-\$66,312
2014	Duke University	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$0
2014	Duke University	NC	R21AI106443	Critical domains for HIV-1 entry through atypical coreceptor usage	-\$489
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI106006	Mechanisms of Norovirus Protective Immunity	-\$1,952
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI113095	Delayed Anaphylaxis to Mammalian Meat caused by IgE Ab to alpha-gal	-\$1,176
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	-\$612
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	-\$11,198
2014	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R21AI108519	Developing a Theory of Change for Evaluating Participatory Practices in TB Trials	\$0
2014	VIAMET PHARMACEUTICALS INC	NC	R33AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	\$5
2014	UNIVERSITY OF NORTH DAKOTA	ND	R21AI105662	Passerine filariasis and West Nile virus transmission	\$0
2014	CELDARA MEDICAL LLC	NH	R43AI110285	Destroying the HIV-1 provirus by utilizing components of the CRISPR/Cas system	\$0

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2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI112010	Development of novel small-molecule inhibitors of HIV-1 fusion as microbicides	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$0
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI107811	Generation and characterization of CD40L-modified Mice	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$0
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	-\$164,498
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI102826	Implication of RNase H domain on dimer stability and drug sensitivity of HIV-1 RT	\$0
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI110442	Regulation of T helper cell effector function	\$0
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI087807	Understanding the biology of schistosomes in response to praziquantel	-\$16,212
2014	UNIVERSITY OF NEVADA-RENO	NV	R33AI085548	Target discovery and immunoassay for diagnosis of invasive aspergillosis	-\$137
2014	DXDISCOVERY INC	NV	R41AI108114	Biomarker discovery for immunodiagnosis of invasive candidiasis	\$0
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	-\$5
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	-\$57,757
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$0
2014	Yeshiva University	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	-\$213,295
2014	CUNY, RESEARCH FOUNDATION	NY	R21AI105050	Diversity and dispersal routes of bat-borne paramyxoviruses in densely populated	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI105684	Novel serological biomarker for rapid tuberculosis diagnosis	\$0
2014	SUNY, STONY BROOK	NY	R21AI103321	Inducible Gene Regulation in Mycobacteria	\$0
2014	SUNY, BUFFALO	NY	R21AI102796	Molecular details of HIV fusion revealed using novel gp41 labeling	-\$2,131
2014	Trustees Of Columbia University In The City Of New York	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	-\$418,566
2014	HEALTH RESEARCH, INC.	NY	T32AI055429	Emerging Infectious Diseases Training Program	-\$8,066

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2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	-\$23,088
2014	CUNY, RESEARCH FOUNDATION	NY	R15AI105884	BIOSYNTHESIS OF MYCOBACTERIAL DIMYCOCEROSATE ESTER VIRULENCE FACTORS	-\$30
2014	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	-\$22,045
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	-\$171,360
2014	New York University	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$0
2014	Yeshiva University	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	-\$17,874
2014	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	-\$121,915
2014	Trustees Of Columbia University In The City Of New York	NY	R01AI100059	LINK4HEALTH: A Combination Strategy for Linkage and Retention, Swaziland	-\$71,893
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$0
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI105502	Overcoming established anaphylactic hypersensitivity to peanuts	\$0
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI105180	Epitope-specific T cell activation to complement TB immunity and vaccine efficacy	\$0
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI109050	Measles infection blockage by intranasal delivery of F targeting peptides	-\$57,298
2014	SUNY, STONY BROOK	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	-\$1,081
2014	UNIVERSITY OF ROCHESTER	NY	U19AI091036	Universiity of Rochester Center for Medical Countermeasures against Radiation	-\$48,786
2014	INNOVIMMUNE BIOTHERAPEUTICS INC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	-\$1
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI083408	Self-organization of T lymphocyte activation into collective immune responses	\$0
2014	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	-\$9,005
2014	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	-\$22
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	-\$10
2014	Trustees Of Columbia University In The City Of New York	NY	R01AI100044	A Combination Intervention Package for Isoniazid Preventive Therapy in Ethiopia	-\$1,160
2014	SUNY, STONY BROOK	NY	R21AI100631	Identification of new compounds against fungal microbes	-\$19,389
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI105617	Dissection of Macrophage Antifungal Activity against Aspergillus fumigatus	-\$550

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2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI105330	Translational control of gene expression during poxvirus infection	\$0
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	-\$191,494
2014	Yeshiva University	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$0
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$0
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107069	The Role of RNA in Regulating recombination and allelic exclusion	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI102824	Role of TNPO3 in HIV-1 Replication	\$0
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	-\$2,615
2014	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	-\$64,019
2014	Yeshiva University	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$0
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI102596	The Mechanism of Genetic Exchange in Trichomonas vaginalis	-\$3,290
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	-\$696
2014	Trustees Of Columbia University In The City Of New York	NY	F32AI100496	Microfluidic devices for investigation of rare T cell populations	-\$1
2014	SUNY, BUFFALO	NY	R21AI107257	Apicomplexan Drug Target Discovery	-\$128
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI103157	Mechanism of Progranulin-mediated control of septic inflammation via IL-10	-\$6,139
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	-\$686
2014	OHIO STATE UNIVERSITY	OH	R01AI083456	Novel Mechanisms Regulating Posttransplant Humoral Alloimmunity	-\$1,856
2014	UNIVERSITY OF CINCINNATI	OH	R21AI097936	Norovirus Capsid: a Novel Drug Target	-\$845
2014	OHIO STATE UNIVERSITY	OH	R56AI109002	Chronic infection of the gallbladder by Salmonella	-\$7,097
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI103263	W. bancrofti infection diversity and treatment response	-\$293
2014	UNIVERSITY OF TOLEDO	OH	R56AI105128	Intravital assessment of Borrelia burgdorferi-immune cell interactions in skin	\$0
2014	CLEVELAND STATE UNIVERSITY	OH	R15AI109569	Structure and function of RNA viral interferon suppressor complexes	-\$61,627
2014	Research Institute at Nationwide's Children's Hospital	OH	R01AI092117	Novel Calcium Release Mechanism Regulates Dendritic Cell Function	-\$1
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$250,317
2014	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	-\$27,222
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI103853	Molecular Mechanism of Eosinophil Cell Death	\$0
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI078993	Regulation of humoral immunity by NKT cells	\$0
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	-\$41,720

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2014	TOMEGAVAX INC	OR	R41AI106090	A Synthetic Human Cytomegalovirus Vaccine Platform	\$0
2014	TOMEGAVAX INC	OR	R41AI109927	CMV Vecteded Herpes Simplex Vaccine	\$0
2014	OREGON STATE UNIVERSITY	OR	R56AI112588	Ubiquitin conjugation and direct MHC class I antigen presentation	-\$864
2014	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$3,199
2014	UNIVERSITY OF PENNSYLVANIA	PA	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	-\$2,736
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI102684	Integration site selection by HIV-1 and HIV-1 based vectors	-\$1,962
2014	PENNSYLVANIA STATE UNIVERSITY	PA	K22AI101039	Dissection of RNA Storage Granules Essential to Plasmodium Transmission	-\$167
2014	CARNEGIE-MELLON UNIVERSITY	PA	R56AI111836	GENE EXPRESSION AND FUNCTION IN ASPERGILLOSIS	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103497	Urinary Infections due to Escherichia Coli with Reduced Quinolone Susceptibility	-\$1
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI107016	Bordetella sp. Versus Microbiota	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R56AI108786	Foxp transcription factors in regulatory T cell development and homeostasis	-\$1,520
2014	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	-\$3,726
2014	UNIVERSITY OF PENNSYLVANIA	PA	F32AI106333	A haploid cell-based screen for the discovery of Andes Virus entry factors	-\$2,114
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI107302	Markers predicting response to therapy for KPC-producing Klebsiella pneumoniae	-\$21
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105794	Targeting Daxx-mediated complex for autoimmune diseases	-\$426
2014	DREXEL UNIVERSITY	PA	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	-\$1
2014	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	-\$6,041
2014	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI073064	A novel vaccine: botulinum neurotoxin subunit on a viral carrier.	\$0
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	-\$19,889
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	-\$20,381
2014	TEMPLE UNIVERSITY	PA	R03AI107434	Regulation of intestinal barrier by E. coli curli fibrils	-\$718
2014	UNIVERSITY OF PITTSBURGH	PA	R56AI079177	B cells in the pathogenesis of allograft rejection	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105679	Acetate metabolism in human cytomegalovirus infection.	\$0
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4Ralpha signaling pathways in human airways through 15 LO1	-\$40
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106000	Transmitted/Founder HCV clones as targets for treatment and eradication.	-\$1,790

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2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R56AI077414	Restoring anti-viral immunity during HTLV-associated neuroinflammatory disease	\$1,426
2014	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	-\$760
2014	UNIVERSITY OF RHODE ISLAND	RI	R21AI107678	Laser-based powder vaccine delivery for improved newborn immunization	-\$10
2014	MIRIAM HOSPITAL (THE)	RI	R21AI106392	HIV Drug Resistance Monitoring in Chennai, India	\$0
2014	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	-\$1,433
2014	UNIVERSITY OF SOUTH DAKOTA	SD	R15AI107727	Chlamydial lipid acquisition and host response	-\$139,227
2014	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI095637	CHARACTERIZATION OF A NOVEL HOST PATHWAY THAT REGULATES CHLAMYDIAL DEVELOPMENT	\$0
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$0
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI098383	Elucidating the regulation of interleukin-35, a regulatory cytokine, in T cells	-\$42
2014	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	-\$67
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	-\$527
2014	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$0
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI106875	Innate Gut Epithelial Mechanisms of Immunity	-\$354,813
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	-\$181,018
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases	\$49,711
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	-\$4,754
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$0
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI106514	Studies of HIV and Host Transcriptional Control by Tat	-\$2,419
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI113274	NF-kB Signaling Insights from a Rare X-linked Immunodeficiency Syndrome	\$0
2014	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI111793	Optimized Antimicrobial Combinations to Suppress Resistance	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	-\$4,968
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI105763	Pseudomonas aeruginosa and Staphylococcus aureus Interspecies Interactions in Wou	-\$3,261
2014	BAYLOR RESEARCH INSTITUTE	TX	R56AI111985	Short course therapy for MDR-TB based on PK/PD answers for biological variability	\$0

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2014	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI106743	Optimizing IMPDH inhibitors for the treatment of cryptosporidiosis	\$0
2014	RICE UNIVERSITY	TX	R01AI055475	Synthesis of Anti-Infective Agents	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	-\$1,148
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	-\$123
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI100489	Photocrosslinking characterization of heat-labile toxin glycoreceptors	-\$9
2014	LYNNTECH, INC	TX	R43AI109938	Enhanced Efficacy Photodynamic Disinfection	\$0
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105789	An innovative approach to improve the activity of an aluminum-containing adjuvant	-\$2,275
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R03AI105700	Rapid Detection of Antibodies to Adenovirus 36	-\$121
2014	BAYLOR COLLEGE OF MEDICINE	TX	R03AI099405	Role of STAT3 in the pathogenesis of Inflammatory Bowel Disease	-\$1,767
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	-\$82
2014	TEXAS A & M UNIVERSITY	TX	R21AI107138	Investigate the multifunctional adhesins in Cryptococcus	-\$79
2014	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098238	Regulation of the HIV cofactor activity of LEDGF/p75 by interacting proteins	-\$345
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107227	Mitochondrial Biomarkers of Cardiomyopathy and Cure in Chagas Disease	-\$74
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105710	Endogenous Retroviruses and the Immune Response to Pathogens	-\$279
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI104177	Pneumococcal Cardiotoxicity During Invasive Pneumococcal Disease	-\$1,562
2014	BAYLOR COLLEGE OF MEDICINE	TX	R56AI108467	Replication and pathogenesis of pigtail-tropic HIV-1	-\$754
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	-\$6,518
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093491	Novel Vaccine Technology for Chikungunya	-\$204,423
2014	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI103295	Development of Monoclonal Antibody (Mab) Biologics against Neonatal Candidiasis	-\$11,667
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI102503	Molecular bases of DAP-resistance-mediated sensitization to beta-lactams in MRSA	\$0
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R56AI114357	Identifying host factors involved in HIV-induced cell death with CRISPR-mediated	-\$4,852
2014	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	-\$1,085
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$0

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2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	-\$3,579
2014	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098976	Molecular effects of SUMOylation on influenza virus infection: SUMO and NS1	-\$23,822
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI095680	The Innate Immune Response in the Marmoset Model of GBV-B Infections: A Surrogate	\$0
2014	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	-\$344,197
2014	NORWELL INC	TX	R44AI071634	Evaluation and Production of a Multivalent Adenoviral Plague Vaccine	\$0
2014	UTAH STATE UNIVERSITY	UT	K22AI099086	Lipid raft effects on Shigella type III secretion system-based interactions	-\$68
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI103606	Orientia tsutsugamushi modulation of host cell ubiquitination machinery	\$0
2014	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F32AI106076	Role of SipC in manipulating host signaling during Salmonella infection	-\$2,553
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI108501	CD8+ T Cell exhaustion during Toxoplasmosis	-\$12,172
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$0
2014	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	-\$1,033
2014	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R34AI112371	Reduced Injectable, Short-course for (E)Xpert MDR-TB [RISE trial]	-\$4
2014	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	-\$84,636
2014	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	-\$47,686
2014	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R21AI107402	Mycoplasma genitalium variation in longitudinally infected men	-\$228
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI105769	Ribosome Profiling in Plasmodium falciparum	-\$97
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI108883	Mechanistic Study of Peanut-specific T cells Pre and Post Oral Immunotherapy	-\$9,911
2014	PAI LIFE SCIENCES INC	WA	R43AI103983	Process Development on a Schistosomiasis Vaccine, SchistoShield???	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R56AI060389	The Host Response to Hepatitis C Virus	\$0
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI106784	Multiplex Test for Primary Immunodeficiencies by Affinity Column coupled to MS/MS	-\$10,087
2014	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R33AI089405	Novel HIV 1 Envelope immunogens derived from broadly neutralizing plasmas	\$0

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2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100037	Drug-resistance testing in Kenya to improve ART suppression of HIV replication	\$0
2014	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	-\$1,500
2014	KINETA INC	WA	R01AI093387	Antiviral Drugs for Arenaviruses	\$28,275
2014	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$0
2014	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$0
2014	SPRINGSTAR INC	WA	R44AI096563	Refinement of an autodissemination station for control of mosquito vectors	\$4,337
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R01AI099974	Assisted Partner Notification to Augment HIV Treatment and Prevention in Kenya	-\$386
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$351,534
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105847	Immune evasion in a humanized mouse model of HHV-6 infection	-\$12,918
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI100156	Primate Placental MHC Immunogenetics	\$0
2014	ALPHA UNIVERSE LLC	WI	R43AI112146	Novel system for sensitive detection of botulinum neurotoxins	\$0
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	-\$134,216
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105472	Natural products as antifilarial asparaginyl-tRNA synthetase inhibitors	-\$2,310
2014	GLYCOBAC LLC	WY	R43AI112118	Glycoengineered baculoviruses for the production of more efficacious influenza va	\$0
2013	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$0
2013	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$265,143
2013	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$0
2013	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	-\$4,610
2013	EVA PERON ACUTE INTERZONAL GENERAL HOSPITAL		R01AI083188	Development of T cell memory in human Trypanosoma cruzi infection	-\$1
2013	MED RESEARCH COUNCIL LABORATORY OF MOLECULAR BIOLOGY		F32AI091311	Studies of Antibody Diversity and Genome Stability: Regulation of Activation-Indu	-\$7,850
2013	NORTHERN ARIZONA UNIVERSITY	AZ	R15AI101913	Environmental sampling of Leptospira species to link to human leptospirosis cases	\$0

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	-\$6,071
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R33AI079775	Iron Starvation: A novel strategy for HIV and Chlamydia microbicides	-\$352
2013	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	-\$11,031
2013	PROTEUS DIGITAL HEALTH INC	CA	R43AI100479	Wirelessly Observed Therapy to Monitor Treatment of Mycobacterium Tuberculosis	-\$10,047
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$0
2013	PLANET BIOTECHNOLOGY INC	CA	R01AI093397	cGMP manufacturing of PBI-220, a broad spectrum immunoadhesin therapeutic against	-\$10
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI108388	A T-independent pathway of B cell responses to oligomannosyl antigens of HIV-1	\$0
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$0
2013	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	-\$34,641
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI097061	Analysis of HIV/HCV Sexual Transmission Pairs Using Ultra-Deep Sequencing	-\$644
2013	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fc d1 chimeric protein vaccine to treat cat allergy	-\$174,041
2013	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	\$17,592
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	-\$12,875
2013	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	Dealing with Antibiotic Resistance: Antisense Technology	\$0
2013	CALIFORNIA STATE UNIVERSITY SAN MARCOS CORPORATION	CA	R15AI064175	MHC characterization in Chinese rhesus macaques	-\$5,761
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	Immune Regulation of Viral Persistence and Clearance	\$0
2013	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	-\$642
2013	DETON CORP	CA	R43AI102418	Cough collection as a replacement for sputum samples for diagnosing Tuberculosis	\$0
2013	ADAMAS PHARMACEUTICALS INC	CA	R21AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	-\$16,415
2013	STANFORD UNIVERSITY	CA	U19AI082719	Autoimmunity Center of Excellence (ACE) at Stanford	-\$29,895
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI099432	IgE-guided RNAi silencing of FcεR1b expression as a novel allergy therapeutic	-\$5,663
2013	YALE UNIVERSITY	CT	F32AI094791	Mechanisms of CD4 T cell memory development during viral and bacterial infections	-\$4,414

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2013	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$0
2013	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	-\$8,194
2013	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$0
2013	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	-\$1,290
2013	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$0
2013	YALE UNIVERSITY	CT	R21AI101456	Symbiosis and Immunity in the Tsetse Fly	-\$90
2013	UNIVERSITY OF FLORIDA	FL	F31AI094925	Mechanisms of B-Cell Tolerance in a Mouse Model of Lupus	-\$3,420
2013	UNIVERSITY OF MIAMI	FL	R56AI106718	Vaccine-Induced memory CD4T cells and HIV reservoirs	-\$12,375
2013	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	-\$24
2013	EMORY UNIVERSITY	GA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	\$0
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI096552	Functional analysis of a symbiotic polydnavirus	-\$161
2013	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	-\$1
2013	INHIBIKASE THERAPEUTICS LLC	GA	R43AI103982	DFG-out inhibitors of Abl-kinases to treat PML	\$0
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI097851	Alternative regulation of ISGs in WNV-infected cells	\$0
2013	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$0
2013	NORTHWESTERN UNIVERSITY	IL	F32AI089359	Analysis of HIV-1 Uncoating	-\$3,600
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097830	Photo-inactivation of Leishmania for safe and effective delivery of surrogate vac	\$0
2013	NORTHWESTERN UNIVERSITY	IL	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	-\$18,861
2013	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	-\$10,684
2013	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	-\$244,400
2013	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	-\$546
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI101628	STAT3 in T helper cell development	-\$1
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R33AI082697	Biomechanical and Computational Molecular Design of Microbicide Delivery Systems	-\$10,242
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$0
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OspC regulation and pathogenic strategy of Borrelia burgdorferi	-\$5,000

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2013	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI101427	Malaria Vaccine Adjuvant Immunogenicity and Safety	-\$16,066
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$0
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	-\$796
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$17,881
2013	FIRST LIGHT BIOSCIENCES INC	MA	R44AI080016	Rapid sensitive low-cost test for resistant microbes causing hospital infections	\$0
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI093059	A study of the functional determinants of a Plasmodium falciparum invasion ligand	-\$221
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R34AI106569	Tuberculosis Immunization to Prevent Infection (TIPI)	-\$24,197
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	Immunology of Infection with Neisseria gonorrhoeae	-\$300
2013	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	-\$39,661
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	Disease Initiation and the role of DCs in the TRUC Model of ulcerative colitis	-\$8,667
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI079260	Structural and functional studies of the IkappaB kinase (IKK) complex	-\$212,137
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI098147	Probing the Biosynthesis of Thiazolyl Peptide Antibiotic Berninamycin A	-\$106
2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI100766	The effect of type I IFN and IL-12 signaling on T cell immunity to tuberculosis	-\$16,948
2013	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	-\$178,878
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	-\$10,242
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI106939	Developing High-Throughput Assays for DRACO Broad-Spectrum Antiviral Molecules	-\$1
2013	Trustees Of Boston University	MA	R56AI104393	Elucidating Non-Virus Encoded HIV Capture through Artificial Virus Nanoparticles	\$0
2013	BRANDEIS UNIVERSITY	MA	R01AI090745	Glycoantigen evolution targeting antibodies of the PGT 128 lineage	-\$1
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	Cellular Immunity to Category A-C Viruses in Humans	-\$18,701
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI092967	Molecular Mechanisms of Modulation of N-WASP activity	-\$948
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI101291	Merging Microfluidics and Metagenomics for Novel High - throughout Virus Discovery	-\$1
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	-\$1
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	-\$17,199

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2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI083315	Epithelial Regulation of Th2 Immune Responses in the Lung	-\$1
2013	JOHNS HOPKINS UNIVERSITY	MD	F32AI102535	Mechanisms regulating episodic breaches of protective vaginal microbiome by BV	-\$4,383
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097869	Macrophage polarization and glutathione levels in the TB-helminth co-infection	-\$45
2013	Regents of the University of Michigan	MI	F32AI096730	The Promotion of Inflammation by Bacterial Sialidases After Influenza Infection	-\$1
2013	Regents of the University of Michigan	MI	R56AI073847	Curli Fiber Assembly and Function	\$0
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI100346	A novel approach to study TCR signal strength in homeostasis and tolerance	-\$3,925
2013	WASHINGTON UNIVERSITY	MO	F32AI096853	CHARACTERIZATION OF ESSENTIAL RHOPTRY KINASES OF TOXOPLASMA GONDII	\$0
2013	SAINT LOUIS UNIVERSITY	MO	F33AI098415	Poxvirus-mediated change to proteasomal peptide signatures in macrophages	-\$363
2013	MISSISSIPPI STATE UNIVERSITY	MS	R15AI107702	Glycan receptors specific for canine influenza infection	\$0
2013	UNIVERSITY OF MONTANA	MT	R15AI105758	Understanding Etiology: Mapping Clostridium difficile Spatial Distribution and Mi	-\$49
2013	VIAMET PHARMACEUTICALS INC	NC	R21AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	-\$5
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	-\$3,140
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$3,875,034
2013	Duke University	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$38,029
2013	DAVIDSON COLLEGE	NC	R15AI098001	Identification and functional characterization of a novel positive cis-control el	\$0
2013	Duke University	NC	F32AI108118	Biological Significance of Protatmine/Heparin Antibodies	-\$2,711
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R56AI100695	EDICT: Effective Delivery of Informed Consent Trial	\$0
2013	DARTMOUTH COLLEGE	NH	F32AI108250	Interspecies Interactions in the Cystic Fibrosis Lung	-\$1
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F32AI102566	Immunopathogenesis of Spinal Tuberculosis (TB)	-\$13,245
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	-\$17,207
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$0
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	Mapping for Specialized Domains for FCeRI Signaling & Internalization	-\$57,619
2013	SUNY, BUFFALO	NY	F32AI092902	Fundamental Aspects of Kinetoplastid Mitochondrial RNA Stability	-\$3,632
2013	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI079884	Rapid DPP test for tuberculosis	-\$1

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	NEW YORK MEDICAL COLLEGE	NY	R56AI101109	Modulation of host innate immune response by Francisella tularensis	\$0
2013	SUNY, STONY BROOK	NY	R01AI056168	Sphingolipid-mediated fungal pathogenesis	-\$228
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI061570	Immuno-regulation of GI nematode infection	-\$3,953
2013	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$36,718
2013	ALBANY COLLEGE OF PHARMACY	NY	R15AI107698	Repression of Inflammasome by Francisella tularensis	-\$36,131
2013	UNIVERSITY OF ROCHESTER	NY	F31AI094955	Platelet Mediated Immune Responses in Experimental Cerebral Malaria	-\$19,388
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	-\$16,776
2013	CUNY, RESEARCH FOUNDATION	NY	R21AI101792	Interactions between Bacterial Tyrosine Kinases and Phosphatases	\$0
2013	HEALTH RESEARCH, INC.	NY	K08AI085031	Rabies virus maintenance in bat populations	-\$8,233
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097673	Characterization of the MHC Class II Peptide Loading Complex	\$0
2013	SIGA TECHNOLOGIES, INC	NY	R01AI093387	Antiviral Drugs for Arenaviruses	-\$28,275
2013	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	-\$4,637
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI104234	Antibody immunity to serotype 3 Streptococcus pneumoniae	\$0
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI073303	Cellular determinants of apoptosis in virus-infected cells	-\$250,317
2013	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$0
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	\$3,377
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	-\$74,221
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI104713	Mucosal Chemokines and Inflammation in SIV Transmission and Pathogenesis	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	-\$3,199
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI099929	Small Molecule Inhibitors of the Poxvirus Type I Interferon Binding Protein	-\$1
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI098365	Cytokine regulation of human basophil responses	-\$320
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100512	The in vivo function of A3A and A3G during retrovirus infection	-\$21
2013	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$0
2013	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR Mediated Trophoblast Injury and Poor Pregnancy Outcomes in S. japonica	-\$34

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	-\$1
2013	EPIVAX, INC	RI	R43AI102454	Inducing Tolerance to Enzyme Replacement Therapy for Pompe Disease	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100480	Adaptation of Staphylococcus aureus to Mn-limitation imposed by the host	-\$3,925
2013	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	-\$1,114
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	-\$4,922
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI099422	Functional Relationships Between the Lupus Susceptibility Loci Lyn and Ets1	-\$103
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI092891	Defining the Role of WxL Proteins in Enterococcus faecium	-\$283
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI101740	In vivo dual Bioluminescence Reporter System of Infectious Borrelia burgdorferi	-\$1
2013	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI079236	Mechanisms of Beta-blocker Induced Improvements in Asthma	\$117,387
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R56AI104430	Optimized Adaptation of Simian-tropic R5 HIV Clade C to Pig-tailed Macaques	\$0
2013	BRIGHAM YOUNG UNIVERSITY	UT	R15AI107753	The role of antigenic strength in the primary and memory responses of pathogen sp	\$0
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101774	Regulation of the P.aeruginosa Type III Secretion System by the Multifaceted Tran	-\$1,412
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI019146	Activation of Alginate Genes in Pseudomonas aeruginosa	\$0
2013	TECHLAB, INC	VA	R41AI094733	Point-of-Care Diagnostic Test for Entamoeba histolytica Cysts	-\$3
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI100039	Coenzyme F420-dependent enzymes in mycobacteria	-\$89
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	-\$476
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	-\$7,529
2013	UNIVERSITY OF WASHINGTON	WA	R33AI094412	Nanoparticle microbicides for delivery of combination antiretroviral drugs	\$1,483
2013	UNIVERSITY OF WASHINGTON	WA	F32AI096820	The role of PhoP/PhoQ-regulated phospholipid alterations in Salmonella pathogenes	-\$35
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$0
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	LUCIGEN CORP	WI	R21AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	-\$13,977
2012	UNIVERSITY OF ARIZONA	AZ	R15AI100118	Identifying community-based solutions that improve insecticide-treated net (ITN)	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091100	Mechanism of innate immune recognition of cyclic-di-GMP	-\$27
2012	CYTOBANK INC	CA	R43AI094929	Secure Web-Based Flow Cytometry in Clinical Use and Translational Research	\$72,367
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	T-Cell Kinetics and Sources--Effects of HIV and Therapy	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI091534	pDC activation and lentiviral disease progression	-\$4,583
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI097005	Sputum M. tuberculosis DNA Kinetics During TB Treatment in Patients with HIV	-\$73
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI093828	Biogenesis and Function of Guide RNAs	\$41,641
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R56AI101368	TNF SIGNALING IN THE ABSENCE OF FUNCTIONAL TNF RECEPTORS.	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI026328	T-cell mediated immunity in chlamydia genital infection	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091068	Control of intestinal microflora and inflammation by immune sensing of flagellin	-\$1,881
2012	THERAVANCE INC	CA	R41AI102507	Redesign of the Carbapenem Scaffold	-\$81,110
2012	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R13AI102493	CMV 2012 - combined 4th Congenital Cytomegalovirus Conference and 14th Internatio	-\$1,000
2012	STANFORD UNIVERSITY	CA	F32AI089085	Evolution and Ancestral Functions of a Human MHC Class I Pseudogene, HLA-Y	-\$411
2012	VENTRIA BIOSCIENCE	CA	R44AI081339	Production of OspA in rice for the control of Lyme disease	-\$4
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K22AI089969	Defining target specificity of oxadiazole 2-oxides in Ancylostoma ceylanicum	-\$86
2012	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$0
2012	CALIFORNIA STATE UNIVERSITY SAN MARCOS CORPORATION	CA	R15AI101889	Pathogenic determinants of an emerging infectious disease	\$0
2012	WESLEYAN UNIVERSITY	CT	R15AI101977	Mechanism of Cell Membrane Targeting by Vibrio Cholerae Cytolysin	-\$54
2012	YALE UNIVERSITY	CT	F32AI096718	Signaling and Metabolism in CD8 T cell Exhaustion During Chronic Infection	-\$1
2012	L2DIAGNOSTICS, LLC	CT	R43AI092976	Diagnostic tools to link Bacteroides fragilis toxin isotypes and human disease	\$0
2012	YALE UNIVERSITY	CT	F32AI085767	Using VSV Vectors to Elicit Broadly Neutralizing Antibodies Against SIV Envelope.	-\$304
2012	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	-\$9,874

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2012	EMORY UNIVERSITY	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	-\$30
2012	ILLINOIS STATE UNIVERSITY	IL	R15AI099977	Branched-chain fatty acids and membrane function in Listeria monocytogenes	\$0
2012	UNIVERSITY OF CHICAGO	IL	U01AI077887	Towards a Vaccine to Prevent Toxoplasmosis	-\$58
2012	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI081232	Role of VeA-Dependent Genes and Proteins in Mycotoxin Production and Development	\$0
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI041816	Listeria virulence gene expression within host cells	-\$470
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$0
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI085911	The regulatory function of DNA methylation in Mycobacterium tuberculosis	-\$198
2012	TUFTS UNIVERSITY	MA	F31AI098423	Molecular analysis of the interaction between Legionella pneumophila and its	-\$89
2012	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$0
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R03AI094401	Urban malaria mapping: a new methodology to assess spatio-temporal trends	\$0
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI094195	Transcriptome profiling of Trypanosoma cruzi and its host cell	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	-\$26,386
2012	UNIVERSITY OF MARYLAND	MD	F32AI085706	Spatial Control of Host Cell Signaling by a Bacterial Pathogen	-\$443
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI094829	Development of a novel second-generation pan-filovirus subunit vaccine	-\$1,690
2012	J CRAIG VENTER INSTITUTE INC	MD	U54AI084844	Construction of A Reference Sequence Data Set For The Human Microbiome Project	-\$8,497
2012	UNIVERSITY OF MARYLAND	MD	R01AI073654	Recognition of Self and Mutated Self by Autoimmune and Tumor-Specific TCRs	-\$638
2012	IMQUEST BIOSCIENCES INC	MD	U19AI077289	Long Acting Acceptable Microbicides: Novel Delivery, Activity and Pharmacodynamic	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI094519	Mucus Penetrating Particles for Rectal Microbicides	-\$1,549
2012	BATES COLLEGE	ME	R15AI099134	3C Protease Polyubiquitylation as a Picornavirus Replication Success Determinant	-\$888
2012	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	Structure Function Analysis of Staphylococcal Complement Inhibitors	-\$1
2012	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	-\$340,602
2012	WASHINGTON UNIVERSITY	MO	R01AI075266	TGF-beta signaling in schistosomes	-\$140,749
2012	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$0
2012	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$16,330,898
2012	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R15AI098015	Inhibition of mTOR Alters Epstein-Barr Virus Lytic Replication	-\$19,125

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2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	-\$572
2012	MESA TECH INTERNATIONAL INC	NM	R43AI093018	Rapid, disposable, nucleic acid diagnostic device for multiplexed point of care f	-\$1
2012	Yeshiva University	NY	T32AI070117	Geographic Medicine and Emerging Infections	-\$2,310
2012	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$0
2012	KADMON CORPORATION LLC	NY	R43AI098206	Treatment of Cytomegalovirus by Inhibition of Host Lipid Synthesis	\$0
2012	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	-\$10
2012	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	Controlling Radiation Injury by TLR5 Agonists	\$0
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI042370	Helper T Cell Regulation In Murine Leishmaniasis	-\$55,535
2012	UNIVERSITY OF ROCHESTER	NY	R01AI091422	Discovery and evaluation of fungicidal anti-cryptococcal molecules	-\$2,554
2012	SUNY, BUFFALO	NY	R21AI091921	The Lysosome of Trypanosoma brucei: A Proteomic Analysis	\$0
2012	UNIVERSITY OF ROCHESTER	NY	F32AI089079	Defining modes of helper T cell motility within inflamed tissues	-\$210
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	Control of Immune responses by lipoxins during tuberculosis	\$0
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	Behavioral and Virologic Impact of HPV Immunization	\$0
2012	OHIO STATE UNIVERSITY	OH	F31AI089031	Regulation of CD23 Cleavage	-\$21,855
2012	OREGON STATE UNIVERSITY	OR	R01AI016137	Underlying mechanisms of schistosome/snail compatibility	-\$295
2012	PORTLAND STATE UNIVERSITY	OR	R01AI079182	Antitoxoplasmosis Drug Design and Optimization	-\$9,834
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI098374	Visualizing impacts of T. gondii invasion events on mucosal immunity	-\$3
2012	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI051352	DEVELOPING ISONITRILE CHEMISTRY FOR MEDICINAL APPLICATIONS	-\$494
2012	TEMPLE UNIVERSITY	PA	R01AI084065	CB2 Receptor Regulatin of Inflammatory Response in EAE	-\$3,502
2012	CARNEGIE-MELLON UNIVERSITY	PA	F33AI098354	Backbone Modified Peptide-nucleic Acids as Antiviral Agents Against Hepatitis C	-\$447
2012	UNIVERSITY OF PENNSYLVANIA	PA	R56AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$0
2012	UNIVERSITY OF PUERTO RICO	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	-\$174,683
2012	UNIVERSITY OF SOUTH DAKOTA	SD	R15AI094437	Role of influenza-induced prothrombosis in Streptococcus pyogenes superinfections	\$0
2012	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	Training Program for Clinical Research on AIDS	-\$452
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	-\$1,058

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2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	-\$3,209
2012	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI079236	Mechanisms of Beta-blocker Induced Improvements in Asthma	\$6
2012	UNIVERSITY OF UTAH	UT	R56AI076168	D-peptide Inhibitors of HIV-1 Entry	\$0
2012	UNIVERSITY OF RICHMOND	VA	R15AI094343	Sodalis glossinidius iron acquisition	-\$580
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FcεRI-mediated allergic responses	-\$4,863
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI067750	Homing and Homeostasis of Regulatory T cells	-\$5,451
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$0
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI084556	Assessment of CD4 negative T cell function in SIV Infected primate models	-\$526
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI094129	Ribosome profiling of Trypanosoma brucei	\$0
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	-\$1
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI069274	Transmissibility of avian influenza viruses in mammals	-\$214
Issue Date FY: 2016 (Subtotal = \$3,022,609,476)					
2016	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$290,406
2016	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$94,638
2016	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$1,267,322
2016	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants' mechanisms	\$208,310
2016	ASOCIACION CIVIL SELVA AMAZONICA		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$301,060
2016	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$1,084,670
2016	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	\$132,866
2016	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI099628	Host vulnerability and parasite genetics in the development of cerebral malaria	\$126,844
2016	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	\$134,357
2016	Centre for the AIDS Programme of Research in South Afri		R21AI115978	Integrin α4β7 as a predictor of HIV acquisition and pathogenesis	\$171,641
2016	FDN INSTITUT DE RECERCA DE L'HOSP UNIV VALL D'HEBRON		R21AI118411	Characterization of in vivo resting CD4 T cells expressing HIV RNA in ART-treated individuals	\$134,893
2016	UNIVERSITY OF GHANA		R01AI123074	Impact of insecticide resistance on the behavior and fitness of malaria vectors	\$134,008
2016	FUNDACAO MANHICA		R01AI123050	Pregnant women as a sentinel group for malaria surveillance in an era of changing malaria transmission (MiPMoz)	\$130,270

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	Centre for the AIDS Programme of Research in South Afri		R21AI116759	Enhanced STI management to reduce genital inflammation and HIV risk	\$164,432
2016	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,549,462
2016	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	\$219,025
2016	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$887,214
2016	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$299,958
2016	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$307,383
2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$103,829
2016	WITS HEALTH CONSORTIUM		R01AI115979	Analysis of National Lab Database to evaluate the HIV treatment rollout in South Africa	\$326,806
2016	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$103,410
2016	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,114,686
2016	UNIVERSITY OF CAPE TOWN		R21AI127121	Immunological significance of QuantiFERON TB Gold In-tube reversions in settings with high burden of tuberculosis	\$136,383
2016	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI116811	Genome-based diagnostics for monitoring and evaluation of insecticide resistance in Anopheles gambiae	\$497,509
2016	UNIVERSITY OF CAPE TOWN		U01AI115940	Inflammatory determinants of disease severity and treatment outcome in TB patients	\$165,437
2016	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$749,979
2016	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$134,699
2016	UNIVERSITY OF WESTERN ONTARIO		R01AI049170	Impact of HIV-1 fitness on disease progression	\$343,027
2016	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	\$131,837
2016	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$270,000
2016	UNIVERSITY HEALTH NETWORK		R01AI085043	Mechanisms of Viral Persistence	\$270,000
2016	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	\$370,000
2016	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$333,336
2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$133,190

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypanosoma cruzi, the agent of Chagas Disease	\$134,040
2016	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI110340	IL-17RA-signaling cytokines in the regulation of CD8 T cell immunity to T. cruzi	\$133,400
2016	Centre for the AIDS Programme of Research in South Afri		R01AI111936	Inflammation and HIV risk: understanding partial Tenofovir efficacy in CAPRISA004	\$538,081
2016	SOUTHAMPTON UNIVERSITY		R33AI102239	Targeting matrix metalloproteinases to limit immunopathology in airborne infectio	\$372,614
2016	STELLENBOSCH UNIVERSITY		R01AI116039	Altered immune-endocrine axis in type 2 diabetes and tuberculosis risk	\$349,605
2016	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$270,000
2016	UNIVERSIDAD PERUANA CAYETANO		R01AI116470	Liver cystic echinococcosis: pre-clinical assessment of a novel, single step percutaneous treatment procedure (intracystic albendazole sulfoxide injection)	\$135,000
2016	NANYANG TECHNOLOGICAL UNIVERSITY		R21AI126023	Mechanisms of Enterococcal Niche Modulation during Polymicrobial Infection	\$118,638
2016	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R21AI116142	Fate of M. tuberculosis Antibiotic Survivors	\$176,991
2016	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116466	var gene regulation mechanisms in Malaria parasite Plasmodium falciparum	\$129,657
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R21AI121759	Droplet digital PCR for evaluation of associations between human herpesvirus infection and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)	\$132,224
2016	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI123070	HIGH-THROUGHPUT EPITOPE DISCOVERY: USE OF NEXT-GENERATION PEPTIDE CHIPS FOR FAST IDENTIFICATION AND FINE MAPPING OF DIAGNOSTIC AND PROGNOSTIC MARKERS FOR CHAGAS DISEASE	\$132,070
2016	RESEARCH INSTITUTE OF THE MCGILL UNIVERSITY HEALTH CTR		R01AI124349	Human genetics of TB resistance in HIV-infected persons	\$1,528,106
2016	Academisch Ziekenhuis Leiden		R21AI127133	In depth characterization of Mtb specific HLA-E restricted human CD8+ T-cells	\$150,982
2016	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$135,000
2016	FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$591,308
2016	MAHIDOL UNIVERSITY		R01AI099385	Innate immune mechanisms in dengue infection	\$129,475
2016	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$119,937
2016	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	\$156,573

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$233,158
2016	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI110386	Host-Pathogen Interactions in a Failing Global lineage of MTBC:M.africanum	\$144,348
2016	Universidade Eduardo Mondlane		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$148,431
2016	UNIVERSITY OF BRITISH COLUMBIA		R33AI098701	Novel adjunctive therapy for drug resistant Gram-negative pathogens	\$265,485
2016	WITS HEALTH CONSORTIUM		U01AI116086	CAPRISA HIV-1 neutralizing antibodies: Harnessing ontogeny for immunogen design	\$174,892
2016	UNIVERSIDAD PERUANA CAYETANO		R01AI116456	Use of bisphosphonates to reduce the calcification process in animal models of cysticercosis	\$132,810
2016	QUEEN'S UNIVERSITY KINGSTON		R21AI121575	Microbes that Matter: defining optimal formulations for Microbial Ecosystem Therapeutics	\$148,500
2016	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R21AI125886	Investigation of the role of type 2 innate lymphoid cells in the pathogenesis of dengue infection	\$137,500
2016	UNIVERSIDADE FEDERAL DO ESPIRITO STO		R01AI116438	IGRA investigation in recently exposed contacts	\$148,016
2016	Uganda Virus Research Institute		R01AI118368	IMMUNOLOGICAL AND VIRAL FACTORS ASSOCIATED WITH HIV-1 SUPERINFECTION	\$131,655
2016	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Epidemiology and Genomics of Multidrug resistant Salmonella Typhi infections in Kenya: The role of carriage in an endemic setting	\$124,705
2016	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$918,589
2016	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$131,166
2016	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$119,240
2016	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$312,935
2016	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2016	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	\$996,973
2016	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,000,000
2016	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI126110	Elucidating Toxoplasma ?Interactomes? Critical for Host Cell Invasion and Pathogenesis	\$147,159
2016	UNIVERSITY OF TORONTO		R01AI120958	Targeting Hsp90 in cryptococcal fungal pathogenesis	\$804,411
2016	SOUTHAMPTON UNIVERSITY		R33AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$393,930

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2016	UNIVERSITY OF CAPE TOWN		R01AI116155	Pharmacometric optimization of second line drugs for MDR tuberculosis treatment	\$349,985
2016	INDIAN INSTITUTE OF SCIENCE		R01AI118366	HIV-1 envelope structure, stability and dynamics probed by saturation mutagenesis	\$121,500
2016	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$346,616
2016	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$272,444
2016	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,500,000
2016	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$323,923
2016	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	\$104,098
2016	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	\$339,500
2016	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$874,635
2016	DEPARTEMENT FORSCHUNG UNIVERSITATSSPITAL-BASEL		R01AI106923	The Role of microRNAs in autoimmune disease	\$260,335
2016	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$175,000
2016	UNIVERSITY OF CAPE TOWN		R21AI115977	Diversity of CD4+ Th subsets in TB immunity - Impact of HIV infection	\$211,946
2016	UNIVERSITY OF CAPE TOWN		R01AI115981	Timing of establishment of the HIV latent reservoir in subtype C infected women	\$350,000
2016	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$226,494
2016	MU-JHU CARE LTD		R01AI118332	Bone Mineral Density in a Cohort of Young Women using Depo-provera and Tenofovir	\$117,392
2016	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI116432	Antibody-secreting cells in the regulation of T cell response to Trypanosoma cruzi	\$133,080
2016	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		F32AI120789	The Role of Follicular Dendritic Cells in Maintenance of Persistent HIV	\$11,550
2016	CENTRO INTERNACIONAL DE VACUNAS		R01AI121237	Plasmodium vivax 48/45 gametocyte protein: functional characterization and vaccine potential assessment in preclinical studies	\$416,829
2016	FUNDACAO DE DESENVOLVIMENTO DA PESQUISA- FUNDEP		R01AI116453	Brucella survival strategy requires endoplasmic reticulum restructuring and interferes with innate immunity	\$142,186
2016	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$305,614
2016	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$1,236,590

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2016	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$555,597
2016	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$1,915,344
2016	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$1,984,088
2016	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$1,104,340
2016	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		P50AI098507	Modeling Drug Induced Resistance in S. mansonii Endemic Areas	\$337,029
2016	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	\$558,233
2016	Centre for the AIDS Programme of Research in South Afri		R01AI115983	Immune mediators associated with HPV clearance as predictors of HIV acquisition	\$186,501
2016	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R21AI118593	Acoustic mating signals in the dengue vector, Aedes aegypti	\$205,632
2016	UNIVERSITY OF ZIMBABWE COLLEGE OF HEALTH SCIENCES		R21AI124402	Implementing objective measures of adherence and low cost genotyping to assess a community based intervention to strengthen virologic outcomes among youth failing ART	\$184,720
2016	UNIVERSITY OF KWAZULU-NATAL		R01AI124389	Can HIV Hot-Spots be eradicated? An intervention to decrease HIV transmission to young women in rural KwaZulu-Natal South Africa	\$534,300
2016	INFECTIOUS DISEASE SOCIETY KOTA KINABALU SABAH		R01AI116472	Comparative incidence and clinical spectrum of Plasmodium knowlesi malaria, a longitudinal study in Sabah, Malaysia	\$136,728
2016	INSTITUT PASTEUR DE TUNIS		R21AI117107	Impact of zoonophylaxis on zoonotic cutaneous leishmaniasis transmission	\$137,642
2016	INTERNATIONAL CENTER FOR DIARRHOEAL DISEASE RESEARCH		R01AI116471	TRANSMISSION DYNAMICS OF MULTI-DRUG RESISTANT UROPATHOGENIC E. coli IN BANGLADESH	\$134,194
2016	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$123,120
2016	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,209,654
2016	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$236,542
2016	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$53,985
2016	THE GHESKIO CENTERS		UM1AI069421	GHEKIO HIV Clinical Trial Unit	\$1,110,670
2016	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$132,907
2016	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$135,000

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2016	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$496,476
2016	UNIVERSITY OF MANITOBA		R01AI111805	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	\$758,828
2016	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$130,684
2016	UNIVERSITY OF QUEENSLAND		R33AI098731	Discovery of Polymyxin-based Antibacterial Agents Active Against Multi-Drug Resis	\$305,847
2016	UNIVERSIDAD DEL NORTE		R01AI110385	Mechanism of Respiratory Syncytial Virus Entry in Normal Human Bronchial Epitheli	\$110,496
2016	MAHIDOL UNIVERSITY		U01AI115520	Determinants of Outcome and Recurrent Infections in Melioidosis	\$408,413
2016	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R03AI119220	Fluorescent barcoding to unravel T cell niche development during vaccination.	\$54,000
2016	UNIVERSITY OF CAPE TOWN		R21AI115993	Drug permeation and activity in Mycobacterium tuberculosis infected macrophages	\$153,439
2016	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI121627	Harnessing bacteriophages as natural predators to combat the superbugs: a pulmonary drug delivery approach	\$118,043
2016	WITS HEALTH CONSORTIUM		R21AI116015	Combining Xpert and GIS to identify areas of high tuberculosis transmission	\$133,269
2016	MAHIDOL UNIVERSITY		R21AI120816	Bangkok Online Testing on MSM	\$138,279
2016	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$1,386,485
2016	UNIVERSITY OF ALASKA FAIRBANKS	AK	R01AI118888	Role of Structural Flexibility in the Selection of Immunodominant MHCII Epitopes	\$329,576
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$150,094
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121354	The necrosis-inducing toxin of Mycobacterium tuberculosis	\$557,663
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$401,728
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,650,759
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$1,980,763
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$2,131,210
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI109001	Acquisition of HCMV from breast milk-correlates of protection	\$712,448
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$2,366,504
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118805	Vaccine potential of the proline-rich domain of pneumococcal surface protein A	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$367,500

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2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F32AI120508	Establishment and metabolic control of influenza-specific lung-resident memory B cells	\$56,943
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$310,898
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$366,250
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095439	Transcriptional regulation of T cell quiescence and activation	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106808	Complement Evasion by Group B Streptococcus	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI106957	Pathogenesis of Bacterial Vaginosis in Women Who Have Sex with Women	\$168,456
2016	Hudson Alpha Institute of Biotechnology	AL	R13AI124612	Immunogenomics 2016	\$4,000
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K24AI125685	Midcareer Mentoring Award for Patient-Oriented Research in Chlamydia trachomatis Infection	\$131,265
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118867	Alphavirus nsP3 protein: roles of intrinsically disordered region in virus replication and pathogenesis	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI104172	Hydrogen Peroxide and Capsule Production in Streptococcus pneumoniae	\$33,551
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of B cell differentiation by IFN γ induced transcription factors	\$214,452
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$964,377
2016	UNIVERSITY OF ALABAMA	AL	K22AI113106	Understanding CRISPR-cas regulation and its impact in staphylococci	\$105,297
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$379,130
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI120619	HCMV miRNA Regulation of Secretion and Formation of the Viral Assembly Compartment	\$779,109
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI122842	Overcoming HIV-1 transcriptional latency in unresponsive CD4 T cells	\$455,344
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI123162	Intersection of polyomavirus infection and host cellular responses	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$4,615,209
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109680	Antiviral Drug Discovery and Development Center - Overall	\$7,623,789
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI108509	Randomized Controlled Trial of Treatment of Male Partners of Women with BV	\$574,695
2016	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$303,000
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI121364	HTS for copper-activated inhibitors against MRSA	\$826,146
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$441,000

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2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	\$133,596
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	\$417,755
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$433,689
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111940	Heme oxygenase-1 and the bioenergetic threshold of latent TB and HIV co-infection	\$680,876
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110480	Regulation of T-cell dependent B cell responses to influenza	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110553	Roles of FCRL Molecules in Innate Immunity	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI126886	Identification of pre-fusion conformers of HCMV gB	\$203,000
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	\$691,491
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI108691	Emerging Antiviral Resistance in Congenital Cytomegalovirus Infection	\$150,224
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI120500	Commensal-dependent maturation of the natural IgM repertoire	\$35,144
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI127307	Inter-CFAR (Center for AIDS Research) Collaborative Symposium on HIV Research in Women	\$25,900
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$366,250
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$220,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	\$33,473
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI112566	A Rational Approach for HIV Vaccine T Cell Epitope Selection	\$463,752
2016	AUBURN UNIVERSITY	AL	K22AI100983	Genetic determinants of virulence for fusariosis	\$104,577
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116320	A novel source of mucosal T cells to study immunity in the female genital tract	\$183,045
2016	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI116985	MicroRNA regulation of airway remodeling and repair in asthma	\$189,375
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI121586	Development of Structurally Defined QS-17/18-Based Vaccine Adjuvants	\$212,897
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI113007	STAT4 regulation of effector CD4 T cells and CNS inflammation	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$363,474

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2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,515,387
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$361,325
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116738	Transcription and replication in nonsegmented negative-strand RNA viruses	\$367,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI117703	The pre-BCR CDR-H3 sensing site and H chain selection	\$183,750
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI119627	Single round infection chikungunya virus as a new vaccine candidate	\$183,750
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI113559	Analysis of the macrophage membrane proteome: effects of viral infection	\$73,500
2016	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI127182	Immunometabolism of M. tuberculosis/HIV co-infection	\$193,820
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI119532	Rrp2-dependent gene regulation in Borrelia burgdorferi	\$182,673
2016	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI121345	Examining Mechanisms of Synergy between Asthma Exacerbations and RV Infection	\$175,500
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI116653	Regulation and function of B cells during malaria infection- Resubmission	\$446,642
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$364,007
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI119380	Impact of Staphylococcus aureus in osteomyelitis and bone physiology	\$369,022
2016	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI113766	Virulence gene regulation in Staphylococcus aureus	\$372,500
2016	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$383,933
2016	UNIVERSITY OF ARIZONA	AZ	R01AI108751	Mechanisms of L2-Mediated Membrane Translocation of the Papillomaviral Genome	\$358,327
2016	ARIZONA STATE UNIVERSITY	AZ	R21AI119697	Targeting Peyer's Patches To Improve Salmonella Typhi Vaccine Immunogenicity	\$231,750
2016	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI121738	Antimicrobial susceptibility associations in Acinetobacter baumannii based on genomic and transcriptomic analyses	\$230,875
2016	ARIZONA STATE UNIVERSITY	AZ	R21AI125827	DNA Origami Nanostructures for Single-Cell Multi-gene Analysis without Single Cell Sorting	\$222,577
2016	UNIVERSITY OF ARIZONA	AZ	U19AI125357	Dysfunction of Innate Immunity in Asthma	\$1,428,248
2016	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$369,835
2016	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$859,330
2016	UNIVERSITY OF ARIZONA	AZ	R21AI119478	Redox stress responses in Clostridium difficile: mechanisms and implications	\$185,076

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF ARIZONA	AZ	R21AI121590	A safe, targeted, designer probiotic to prevent or treat C. difficile infection	\$204,916
2016	VITALANT	AZ	R01AI119056	Protective B-cell responses in chikungunya virus infection	\$334,094
2016	UNIVERSITY OF ARIZONA	AZ	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$489,622
2016	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$671,400
2016	ARIZONA STATE UNIVERSITY	AZ	R03AI111361	Isolation of Pathogenic Listeria	\$67,781
2016	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$188,030
2016	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$117,085
2016	ARIZONA STATE UNIVERSITY	AZ	R33AI101329	Bifunctional antibodies with targeted CNS delivery against West Nile Virus	\$433,842
2016	UNIVERSITY OF ARIZONA	AZ	R21AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$211,279
2016	ARIZONA STATE UNIVERSITY	AZ	R21AI117150	Detailed mapping of drug binding and translocation sites in the AcrB pump protein	\$187,435
2016	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$416,433
2016	ARIZONA STATE UNIVERSITY	AZ	R21AI121733	Development of customized aluminosilicates as complementary topical therapeutics for wound infections	\$210,971
2016	UNIVERSITY OF ARIZONA	AZ	R21AI125823	Improving Anopheline fitness and resistance through fat body insulin signaling	\$200,395
2016	VITALANT	AZ	R01AI123376	Viral etiology of idiopathic chronic diarrhea in rhesus macaques	\$527,068
2016	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$378,750
2016	ST JOSEPH'S HOSPITAL & MEDICAL CENTER	AZ	R21AI123034	EXOSOMES: ROLE IN ALLOGRAFT REJECTION AND POTENTIAL AS A BIOMARKER	\$210,894
2016	UNIVERSITY OF ARIZONA	AZ	R03AI119430	Role of herpes simplex virus polymerase DNA repair activity in viral replication	\$76,750
2016	ARIZONA STATE UNIVERSITY	AZ	R21AI129895	New Tools for Glycoscience: Engineering Targeted Lectins by Computer-Guided Directed Evolution	\$207,001
2016	UNIVERSITY OF ARIZONA	AZ	R21AI111944	Tribal Warfare: Killing of pathogen N. gonorrhoeae by commensal N. elongata	\$184,953
2016	UNIVERSITY OF ARIZONA	AZ	R21AI117885	Vaccine Immunity to Attenuated Coccidioides	\$191,875
2016	ARIZONA STATE UNIVERSITY	AZ	R01AI117011	Tracking Evolution and Spread of Viral Genomes by Geospatial Observation Error	\$479,735
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$213,266
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$594,036

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2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,586,875
2016	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$254,459
2016	MOLECULAR EXPRESS, INC	CA	R43AI124725	Optimization of VesiVax? Lipidated Tucaresol Formulations	\$225,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	F32AI115879	Elucidating the functions of novel enhancer elements in the Ig kappa locus	\$59,970
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$114,779
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$387,500
2016	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$281,508
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$409,834
2016	La Jolla Institute For Immunology	CA	R01AI084167	Regulation of store-operated Ca2+ entry: STIM and ORAI	\$442,500
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$477,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$385,000
2016	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$382,455
2016	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$187,097
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$386,250
2016	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$914,216
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$2,381,501
2016	UNIVERSITY OF CALIFORNIA	CA	K22AI108814	"Biting" of human cells by Entamoeba histolytica: a novel cytotoxic mechanism	\$105,663
2016	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$996,649
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,250
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$372,173
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$384,700
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$587,186
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$362,598
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis P. aeruginosa biofilms	\$388,250
2016	La Jolla Institute For Immunology	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$429,400
2016	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$337,467

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2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$292,330
2016	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	\$1,195,183
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$727,292
2016	La Jolla Institute For Immunology	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$442,500
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$420,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$183,061
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$188,719
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI113143	Interaction between innate and Th2 lymphocytes in helminth immunity	\$183,276
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$634,687
2016	UNIVERSITY OF CALIFORNIA	CA	P01AI098670	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$1,900,499
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI110181	Public Health Implications of HIV Transmission Networks	\$133,527
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$2,383,582
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117556	Functional characterization of IL-40, a novel cytokine	\$193,125
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI114363	Evaluation of novel tuberculosis screening strategies for people living with HIV	\$183,276
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI111435	An Integrated Tabletop Platform for Rapid Detection of XDR-TB in Clinical Samples	\$1,010,275
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI097552	Role of Lipid Droplets in Hepatitis C Virus Infection	\$477,500
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI113009	Explore FOXP3's role in the 3D organization of the genome	\$412,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$133,451
2016	STANFORD UNIVERSITY	CA	R21AI120476	Role of Pseudouridylation in Toxoplasma Differentiation	\$200,625
2016	AMPLYX PHARMACEUTICALS INC	CA	R44AI106235	Developing a New Therapeutic for the Treatment of Invasive Aspergillosis	\$745,405
2016	STANFORD UNIVERSITY	CA	R21AI115106	Argonate function in Entamoeba histolytica	\$200,625
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114671	Next-generation 5-nitro heterocyclic antimicrobials against mucosal protists	\$623,681
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119971	Mechanism-Based Wound Healing by Activation of gamma delta T Cells	\$256,528
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117621	Role of germline transcription in V(D)J rearrangement	\$192,500

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2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112826	The role of the inflammasome in plasmacytoid dendritic cells during bacterial infection	\$262,500
2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI114965	Carboxypeptidase ACE and MHC Class I Presentation	\$262,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI118686	Structure-based immunogen design for hepatitis C virus	\$240,625
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$183,349
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI110435	Phase IIa Clinical Trial of the Reprofiled Drug Auranofin for GI Protozoa	\$607,119
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI119728	Transcriptional control of Intestinal CD4+ T cell adaption	\$240,000
2016	STANFORD UNIVERSITY	CA	F31AI120649	The role of Toxoplasma gondii amino acid hydroxylase 2 in chronic infection	\$35,467
2016	STANFORD UNIVERSITY	CA	R01AI120766	Genome Editing by Homologous Recombination to Create HIV Resistant Immune System	\$400,267
2016	AVIDBIOTICS CORPORATION	CA	R21AI121692	Development of Modified R-type Bacteriocins to Specifically Target C. difficile and Prevent Relapse of CDIs	\$342,006
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI115889	Technology Development of Multiplex Substrate Profiling by Mass Spectrometry for Kinases and Application to the HIV-1 Tat - P-TEFb Interaction	\$35,014
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122064	Proteomics Analysis of Host-Pathogen Interactions in Histoplasma	\$237,750
2016	STANFORD UNIVERSITY	CA	R21AI123594	High throughput screening to identify compounds against Entamoeba cysts	\$237,000
2016	STANFORD UNIVERSITY	CA	R21AI121570	Antigenic targets and commensal dependence of natural Tgammadelta17 cells	\$237,571
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI119499	Hepatitis C virus polyprotein processing efficiency regulates infectious virus production	\$288,000
2016	NIMA LABS INC.	CA	R43AI124907	An Integrated, Accurate, and Rapid Peanut Allergen Detector for Consumers	\$292,208
2016	STANFORD UNIVERSITY	CA	R21AI115313	Targeting B Cell MicroRNA in Post-Transplant EBV-Associated B Cell Lymphoma	\$237,417
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI113704	Selective inhibition of fungal BET protein Bdf1	\$247,500
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R33AI111661	Mitigating Resistance & Virulence in MRSA	\$394,075
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI123920	Structural mechanism for recognition of host receptor by botulinum neurotoxin A	\$231,750
2016	ARISAN THERAPEUTICS INC	CA	R44AI112097	Pre-IND Development of an Arenavirus Antiviral	\$1,500,000
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI125704	Molecular mechanisms of botulinum neurotoxin neutralization	\$636,248
2016	La Jolla Institute For Immunology	CA	U01AI125957	Control of the Functional Fate of CD4 T Cells by LncRNA-Switch	\$535,500

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2016	AURITEC PHARMACEUTICALS INC	CA	R43AI124815	Preclinical development of a multipurpose intravaginal ring for the prevention of HIV and unintended pregnancy	\$219,324
2016	ARIMA GENOMICS LLC	CA	R43AI124837	Maximal resolution and full-length phasing for next-generation MHC-typing	\$224,576
2016	SYSTEM BIOSCIENCES LLC	CA	R43AI124782	This proposal is to develop engineered exosome CRISPR/saCas9 cargo to target HIV genomes and program exosome delivery to latently-infected cell types for HIV eradication.	\$160,354
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI122821	Characterization of Exosomes From Semen of Uninfected and HIV-Infected Men	\$252,250
2016	SCIOGEN LLC	CA	R44AI125168	Development of a novel quadrivalent seasonal influenza vaccine using E.coli production technology	\$737,500
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI128931	Is Culex quinquefasciatus a vector of the Zika virus?	\$220,350
2016	STANFORD UNIVERSITY	CA	R01AI125197	Giant MagnetoResistive (GMR) Sensors for Measuring Influenza Vaccine	\$1,000,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI114575	The cell and molecular mechanisms underlying CD28 costimulation	\$396,250
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$218,750
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F30AI118342	Intercellular spread of Burkholderia and novel therapeutic strategies	\$37,900
2016	STANFORD UNIVERSITY	CA	R01AI116698	AAV capsid engineering for enhancing gene transfer	\$593,119
2016	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$402,481
2016	SYNTHETIC GENOMICS VACCINES, INC.	CA	R21AI121531	Towards the Development of Engineered Phage Therapeutics against MDR Pathogens	\$193,950
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$473,750
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$387,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124199	DNA structure modification by the Schlafen protein family	\$220,971
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI121890	Analysis of Protein Synthesis in Bacterial Persisters	\$224,546
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$400,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$2,952,540
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI125860	Control of mucosal immunity by Gas- vs Gai-linked GPCR signaling in dendritic cells	\$461,125
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI122596	Protein-Catalyzed Capture Agents for Improved Malaria Diagnostics	\$54,294
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$756,947
2016	STANFORD UNIVERSITY	CA	R01AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$398,138
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$2,344,519

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2016	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$158,006
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI127219	Elucidating the mechanism of progesterone-induced permissivity in the upper female reproductive tract	\$396,250
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI127401	Structure and function of pathogenesis-associated bacterial structures by electron cryotomography	\$410,750
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI124316	Systems Biology Approach to Redefine Susceptibility Testing and Treatment of MDR Pathogens in the Context of Host Immunity	\$1,989,374
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$437,500
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120464	Epigenetic control of virulence in a fungal meningitis pathogen	\$386,162
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$356,625
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI125902	Engineering high fidelity mutations to increase safety of live-attenuated alphavirus vaccines	\$448,694
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$402,380
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$293,243
2016	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$377,544
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal and gonococcal vaccine to prevent invasive disease and carriage	\$641,748
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,571,006
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$144,782
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI122528	Regulation of Gammaherpesviral Late Gene Expression	\$372,279
2016	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$310,692
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$377,205
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI114787	Manipulating collectivity and Niches for Developing CD8 Immunity	\$447,331
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$364,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$556,005
2016	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$988,622
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$158,007
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$121,366

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$1,806,911
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$1,146,372
2016	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$559,049
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$9,914,336
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$582,700
2016	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	\$133,191
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$2,113,290
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$416,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$636,759
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI098488	Modeling Inflammation in HIV Transmission	\$1,019,992
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$353,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$396,250
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$1,367,489
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$189,108
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI106745	Epigenetic regulation of decidual inflammation	\$475,498
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$385,000
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$346,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$6,522,487
2016	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$6,002,828
2016	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI112011	Silk-based Formulation for Microbicide Delivery	\$587,018
2016	MAPP BIOPHARMACEUTICAL INC	CA	R01AI111391	An Immunoprotectant for Argentine Hemorrhagic Fever	\$1,058,986
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	\$605,678
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105776	Newborn Screening for T-Cell Disorders: Spectrum and Outcomes	\$819,228
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$461,402

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$386,862
2016	La Jolla Institute For Immunology	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$442,500
2016	La Jolla Institute For Immunology	CA	R01AI106298	DIFFERENTIATION AND ANTI-VIRAL PROTECTIVE AND PATHOGENIC ROLES OF CD4 CTL	\$442,500
2016	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$951,508
2016	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI106987	Mechanisms for ligand binding by serine-rich adhesins of Gram-positive pathogens	\$682,035
2016	STANFORD UNIVERSITY	CA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$179,874
2016	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$473,750
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI106874	The Microbiome Drives Masts Cell Recruitment in the Skin	\$416,080
2016	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$4,434,672
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R33AI100229	Hybrid integrated molecular analysis (HIMAS) for point-of-care diagnostics	\$708,770
2016	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	\$3,598,786
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119743	Mechanisms and role of actin-based motility in Burkholderia virulence	\$227,489
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$207,900
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116121	Asthma, anxiety and GR abnormalities in non-human primates	\$236,761
2016	PROSPECT CHARTERCARE RWMC LLC	CA	R03AI116402	In-vitro model to recapitulate the natural HIV-1 latency	\$55,000
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI112573	A structural approach to the study of viral Immune interference mechanisms	\$108,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115486	Development of an unbiased method for NGS repertoire analyses from genomic DNA	\$96,250
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI117879	Mother-child genetic contributions to autoimmunity	\$236,221
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118985	The structural plasticity of chemokine and gp120 recognition by CCR5	\$532,961
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI120838	Utility of Deep Sequencing for Detecting Heteroresistant Mycobacterium tuberculosis Infections among HIV-infected Persons	\$216,844
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	\$420,000
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121571	Nanoparticle decoys for treating infections with enterotoxin-producing pathogens	\$306,459

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2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI117712	Targeted discovery of antibiotics from cave bacteria	\$714,994
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$4,894,251
2016	SCRIPPS RESEARCH INSTITUTE	CA	U19AI123861	Cooperative Center for the study of HCV antibody responses and vaccine antigens	\$958,342
2016	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI124779	Point-of-Care Rapid RNA test for HIV	\$281,515
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122131	Interferon gamma-Producing Th17 Subsets: Major Contributors to "Th1" Diseases	\$79,250
2016	AVAILS MEDICAL, INC.	CA	R43AI126929	Electrical Biosensor for Rapid Point-of-Care Diagnosis of Urinary Tract Infections and Antibiotic Susceptibility Testing	\$225,000
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI126080	The pathogenesis of paratyphoid fever	\$235,438
2016	CROSSLIFE TECHNOLOGIES INC.	CA	R43AI126927	A Rapid Paper Strip Nucleic Acid Test for the Detection of Chikungunya at the Point of Care	\$282,084
2016	La Jolla Institute For Immunology	CA	T32AI125179	Training in Immunological Mechanisms	\$318,611
2016	FORGE THERAPEUTICS INC	CA	R43AI120246	Novel small molecule inhibitors of LpxC for multi-drug resistant Gram-negative bacteria.	\$150,000
2016	TWO PORE GUYS INC	CA	R43AI120483	Diagnosing Active Hepatitis C Virus Infection by Electrical Detection of Protein Biomarkers using a Nanopore Device	\$225,000
2016	ABWIZ BIO, INC.	CA	R41AI124734	Blockade of histamine-releasing factor as a new prophylactic and therapeutic strategy for food allergy	\$229,600
2016	IMMPORT THERAPEUTICS INC	CA	R43AI124911	A NOVEL IMMUNO-PROTEOMIC APPROACH TO A GENITAL HERPES VACCINE	\$224,911
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI125078	Novel trimer platform on particles as HIV vaccine candidates	\$600,348
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI126860	Mechanisms of increased susceptibility to Salmonella colonization during malaria	\$227,450
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI131081	Mutagenic chain reaction-facilitated immunotherapy	\$651,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122747	Decoding the Chlamydia inclusion membrane protein-host protein interactome	\$613,137
2016	STANFORD UNIVERSITY	CA	R37AI020459	Varicella-Zoster Virus: T Cell/Skin Tropisms & Immunity	\$395,414
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	U01AI115715	Mucosal and Systemic Immune Responses to Influenza Virus	\$427,852
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$475,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI125983	Towards the reconstitution and a structure of the Plasmodium vacuolar translocon	\$222,452
2016	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$481,343
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI112949	Mechanism of colonization resistance	\$468,101
2016	La Jolla Institute For Immunology	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$442,500

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2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$487,500
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$396,250
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$378,240
2016	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$480,000
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$2,135,624
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$386,250
2016	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	\$1,634,811
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$457,761
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$302,049
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$134,980
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structures of the Immunoglobulin Heavy Chain Locus	\$348,750
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI118288	Cell-type specific control of immune responses mediated by inflammasomes in vivo	\$37,542
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$396,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$347,625
2016	La Jolla Institute For Immunology	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and anergy	\$446,000
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$2,074,220
2016	La Jolla Institute For Immunology	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$442,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$8,033,507
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$528,507
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$465,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$131,490
2016	STANFORD UNIVERSITY	CA	R21AI112962	Role of c-Myc up-regulation in Toxoplasma infection	\$197,863
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	\$706,654
2016	La Jolla Institute For Immunology	CA	R01AI103021	Control of Airway Tolerance	\$442,500
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$408,750
2016	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R33AI098658	Combination Therapy using an Innovative Bioadhesive Polymeric Transmucosal Delive	\$486,474

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2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI110713	Analyzing a novel mechanism of action of bacterial cAMP producing toxins	\$537,892
2016	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$447,860
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI112248	Defensive strategies against the toxic effects of self-produced phenazine metabol	\$56,118
2016	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNI	CA	R01AI111451	A Novel Live Non-replicating Universal Vaccine for Influenza	\$1,101,041
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI112262	Quantitative mapping of interactions between dengue virus and its hosts	\$58,002
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI109452	The Role of Thymic Homing Dendritic Cells in Oral Tolerance	\$350,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI102825	HIV Cure with CCR5 (-) Human IPS Hematopoietic Stem Cells	\$697,712
2016	La Jolla Institute For Immunology	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profiles of Human Immune Cells	\$1,204,371
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U24AI117966	BioCADDIE: Biomedical and healthCAre Data Discovery and Indexing Engine center	\$3,862,167
2016	CEDARS-SINAI MEDICAL CENTER	CA	F32AI118360	Commensal Fungi in Asthma	\$56,118
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113295	Identification of natural products targeting new pathways in bacteria	\$699,244
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113270	Metabolic regulation of macrophage function during M. tuberculosis infection	\$382,610
2016	PAXVAX INC	CA	R44AI102787	HIV B-Cell Lineage Vaccine Design Based on Replicating SAd and Env Protein in NHP	\$971,055
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI112808	Impact of Maternal Obesity on the Neonatal Immune System	\$68,209
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116252	Characterization of Gallic Acid as a Novel HIV Microbicide Candidate	\$198,125
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI118451	Reservoir depletion and anti-retroviral therapy for infant functional cure	\$932,148
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI112445	Exacerbation of colitis by Enterobacteriaceae	\$391,875
2016	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$415,268
2016	STANFORD UNIVERSITY	CA	R21AI111195	Multiplex clinical viral detection in formalin-fixed paraffin-embedded tissue samples	\$202,725
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116377	Potential Protein Coding Regions in FIV Negative Strand RNA	\$240,625
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119916	Imaging immune-mediated liver rejection with Positron Emission Tomography	\$192,500
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI106695	Protective immunity following dengue virus natural infections and vaccination	\$2,996,634
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI123082	Preclinical Development of MucoCept	\$950,073

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2016	STANFORD UNIVERSITY	CA	R01AI118884	Role of Dendritic Cells in Mixed Chimerism and Tolerance	\$398,884
2016	AMPLYX PHARMACEUTICALS INC	CA	R44AI125017	Developing a Novel, Fungicidal Therapeutic to Treat Coccidioidomycosis	\$728,595
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI123105	Early HIV Effects on Gut Immunity and Inflammation for Seeding Viral Reservoirs	\$778,371
2016	TOURO UNIVERSITY	CA	R21AI122847	Mechanism of indole compounds as HIV fusion inhibitors	\$214,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$193,009
2016	STANFORD UNIVERSITY	CA	F30AI124589	Identifying Components of the Rhopty Protein Injection Machinery in Toxoplasma gondii	\$43,186
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121548	Synthesis and Studies of a New Family of Antibiotics	\$198,480
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI122329	The role of a fungal metalloprotease in breaching the blood-brain barrier	\$235,250
2016	VLP BIOTECH INC	CA	R41AI122594	An epitope-focused nanoparticle vaccine for MRSA and biodefense	\$273,748
2016	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI116194	Activating Latently Infected Cells Using Specific Antigens Including Those of HIV-1	\$214,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI121840	A General Molecular Strategy for Attenuation of Human Pathogenic Arenaviruses	\$288,750
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125445	Fine-tuning the Neutrophilic Response to Pneumonia	\$451,769
2016	La Jolla Institute For Immunology	CA	R21AI117530	Structural basis of UL141 mediated NK cell inhibition by HCMV	\$221,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126879	Defining the nuclear vs. cytoplasmic proteome during human rhinovirus infections	\$222,761
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI115289	Tissue and lymphoid defects induced by Birc5 deletion in thymic epithelial cells.	\$240,000
2016	DIAVACS, INC.	CA	R43AI124783	Antisense-Loaded Microsphere Therapy for Autoimmune Diseases	\$231,153
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI118528	Developing Small Molecule Screens for Vif-APOBEC3 antagonists	\$198,125
2016	OMVAX, INC.	CA	R41AI124759	A universal vaccine for the prevention of meningococcal meningitis in Africa	\$299,970
2016	AGENOVIR CORPORATION	CA	R43AI122529	CRISPR-based anti-viral therapeutics to eliminate EBV-associated post-transplant lymphoproliferative disease	\$149,972
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI129871	Production of high affinity anti-glycan and anti-glycolipid antibodies	\$374,007
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110200	Gene-Engineered Stem Cell Memory T-Cells With Anti-HIV Chimeric Antigen Receptors	\$385,000
2016	ARISAN THERAPEUTICS INC	CA	R41AI127055	Ultrasensitive Point-of-Care Diagnostics of Viral Biomarkers and Infectious Diseases	\$300,000
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$116,004

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2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI122122	Imprinting of nasal Th2 cell trafficking during allergic sensitization	\$292,500
2016	MICRO ANALYSIS INTEGRATION LLC	CA	R43AI122497	Rapid Paper-based Diagnostics of CT / Trich	\$147,247
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118016	Function and assembly of the Ebola virus nucleocapsid	\$503,705
2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124209	Characterization of a novel innate lymphoid cell (ILC2) with regulatory potential	\$262,500
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$168,494
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI121779	Modeling granuloma formation using engineered microcapsules	\$227,395
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122155	PACAP Mediated Neural Regulation of Hepatic Inflammation in Orthotopic Liver Transplantation	\$192,500
2016	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$812,903
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117908	Ubiquitin and Psoriasis	\$396,250
2016	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R21AI121789	Specificity Determinants of Contact Dependent Inhibition	\$212,521
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126857	Development of a vaccine for human chlamydia genital infection	\$192,500
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$560,350
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer's disease	\$412,500
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$415,425
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$455,578
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$640,507
2016	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$609,900
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5' noncoding region functions	\$452,278
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$383,848
2016	La Jolla Institute For Immunology	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$1,429,182
2016	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$4,833,207
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI124763	Novel method for evaluating HIV latency and persistence in vivo	\$192,500
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI114922	Inflammation-derived sugars lower resistance against Salmonella	\$195,885
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$308,359
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109809	Beyond translocation - non-canonical activities of bacterial signal peptidase	\$236,875
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$386,250

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2016	STANFORD UNIVERSITY	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$541,003
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$327,949
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$436,277
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$3,481,350
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$492,288
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$392,500
2016	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$423,658
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$1,879,403
2016	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$665,835
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$365,791
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$183,243
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$512,762
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$391,979
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$1,044,525
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$385,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$473,750
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$518,524
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI122680	55th Midwinter Conference of Immunologists	\$6,000
2016	IGE THERAPEUTICS INC	CA	R44AI122358	CTL for supertype natural IgE cytotoxic peptide (nECP) to guard against allergic asthma	\$853,476
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI103340	Stromal catalase deficiency as the causative factor in accelerated thymic atrophy	\$480,000
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$592,671
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$1,621,847
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	\$505,120
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$133,956
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	Role of Hematopoietic System and Proteomics in HIV-Associated Cardiovascular Disease	\$181,528

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI110271	Determinants of Functional Immune Defects in Treated HIV Infection and Aging	\$751,471
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI110782	Role of host cell protein TDP2 as VPg unlinase during picornavirus replication	\$367,820
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI103218	How do enteroviruses almost completely evade the attentions of CD8+ T cells?	\$414,668
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI104916	Selective Inhibitors of Plasmodium Falciparum G6PD as Novel Antimalarials	\$379,448
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$976,841
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117555	A Transgenic Mouse Line to Map Cell-Type Specific Calcium Signals In Vivo	\$231,750
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI115714	Sofosbuvir and Ledipasvir in HIV/HCV Coinfected Pre and Post Liver Transplant	\$604,473
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$383,212
2016	MAPP BIOPHARMACEUTICAL INC	CA	R44AI081392	An SEB Immunoprotectant	\$306,794
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123365	Structure and function of Hepacivirus envelope glycoprotein	\$625,625
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119353	Mutant PTPN22 in autoimmune mice	\$144,375
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$499,010
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Innate immune sensing of ER stress during bacterial infection	\$383,947
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117303	Generation of a TCR transgenic mouse to study Chlamydia genital tract infection	\$191,608
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI120691	Allostery and Hijacking of Host Membrane Traffic by HIV-1 Accessory Proteins	\$561,131
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI120009	High-throughput Deep Sequencing Assay to Reliably Measure the HIV Reservoir during Antiretroviral Therapy	\$766,398
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI119155	The role of fatty acid- and retinol-binding proteins in parasitic nematode infections.	\$108,000
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI114625	Development of siderophore-based vaccines against non -typhoidal Salmonella infection	\$364,603
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI120819	Chemoprophylaxis for HIV Prevention: Analysis of Bone and Metabolic Effects	\$79,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI117061	Integrated Comprehensive Droplet Digital Detection (IC 3D) system for rapid detection of bacteria and antimicrobial resistance	\$994,881
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112714	Mechanochemical studies of adenovirus cell entry	\$177,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$397,467

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120676	Discovery and characterization of innate immune pathways in placental trophoblasts	\$56,118
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI116064	Fetal-Maternal Histocompatibility and Autoimmune Disease	\$39,404
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116295	The impact of TB co-infection on the reservoir of persistent HIV in vivo	\$196,815
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI104262	Exploring the Role of Semen Amyloids in Promoting HIV Infection and Fertilization	\$243,559
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117878	Using Allosteric Inhibition as a Means to Ablate Botulinum Neurotoxin Protease	\$288,750
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01HD087046	Optimization of ERRg-specific ligands as in vivo Chemical Probes	\$398,400
2016	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI100376	Developing small molecule inhibitors of TLR8 for treatment of rheumatoid arthritis	\$530,775
2016	La Jolla Institute For Immunology	CA	R01AI116813	IRF-3/5/7-Independent Antiviral Immunity	\$442,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI125106	Novel Dense Granule Protein Function in the Chronic Toxoplasma Infection	\$231,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI122908	Comparison of Pharmacologic Markers of Exposure to HIV Pre-Exposure Prophylaxis	\$79,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI124457	Ubiquitylation and the Regulation of Immune Homeostasis	\$396,250
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114730	Influenza virus receptors on human airway epithelial cells	\$577,802
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI125141	Host defense-stimulating macrocyclic peptides for treatment of MDR bacterial infections	\$1,495,694
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI118688	Disruption of T cell tolerance in type 1 diabetes	\$1,691,347
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI126011	Role of Pld4 in nucleic acid sensing and interferon production	\$288,750
2016	BIOVINC LLC	CA	R43AI125060	Bone targeted delivery of an antimicrobial drug for osteomyelitis therapy	\$180,807
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI118565	Characterization and restoration of exhausted immune responses in humanized Bone marrow-liver-thymus (BLT) mice infected with HIV-1	\$59,970
2016	STANFORD UNIVERSITY	CA	R21AI125764	Extracellular vesicles, small RNAs, and intercellular communication in Entamoeba histolytica	\$197,500
2016	LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	CA	R21AI120925	Synthetic Generation of a Chlamydia Vaccine	\$266,265
2016	GIGAGEN INC	CA	R44AI124901	Recombinant Hyperimmune Gammaglobulin for Primary Immunodeficiency	\$750,198
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116112	Interpreting a hard-won structure of the arenavirus prefusion glycoprotein	\$236,875
2016	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI122853	Optimizing Care for HIV/HCV-Coinfected Patients in the New HCV Treatment Era	\$146,700

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2016	STANFORD UNIVERSITY	CA	F32AI126701	What Antigen Presenting Cells DO to fine tune the antigen editing of DM	\$58,002
2016	J DAVID GLADSTONE INSTITUTES	CA	F32AI127291	Reactivation of Innate Immune Response Pathways as Treatment for HIV Infection	\$56,118
2016	STANFORD UNIVERSITY	CA	F32AI126674	Natural Killer Cell Diversity and Epigenetics in Vaccine Responses	\$54,294
2016	La Jolla Institute For Immunology	CA	R01AI124796	Relationships between Tfh cells, somatic hypermutation, and the development of broadly neutralizing antibodies	\$450,000
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R56AI125249	Regulation of Rotavirus Replication and Virulence by the Innate and Adaptive Immune Systems	\$499,301
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI117256	Reducing excess broad-spectrum antibiotic use in gonorrhea	\$192,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI121145	PTPN22 R619W in NOD mice	\$739,100
2016	SILVER LAKE RESEARCH CORPORATION	CA	R42AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$994,558
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$423,419
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI125103	Regulation of HIV-1 Replication by Cellular lncRNAs	\$232,500
2016	STANFORD UNIVERSITY	CA	R21AI127128	Multidimensional Analysis of Immune Status of Latent M. Tuberculosis Infection	\$237,000
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R37AI091476	Therapeutic Use of an Enhanced Form of CD4-Ig	\$929,155
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI121525	Viral Infections as Lupus Disease Modifiers	\$481,250
2016	MASIMO CORPORATION	CA	R01AI123115	MalariSense: Transdermal Bloodless and Reagent-Free Malaria Diagnostics	\$430,682
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123729	Bacterial Mast cell conditioning modulates skin allergic reactions	\$193,750
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122939	CD4 T Cell Differentiation and Susceptibility to HIV-Specific CTL Killing	\$192,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI119017	Consequences of IFIT Gene Evolution on Species-Specific Antiviral Immunity	\$159,200
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113923	Positive Immune-regulators During Chronic Viral Infections	\$464,225
2016	UNIVERSITY OF CALIFORNIA	CA	U01AI125956	Paneth Cell Secreted Effectors in Mucosal Innate Immunity	\$467,075
2016	STANFORD UNIVERSITY	CA	R01AI125320	Viral GPCR recognition of chemokines and engineered ligands	\$395,000
2016	La Jolla Institute For Immunology	CA	U19AI118626	Human immune signatures of Dengue virus and Mycobacterium Tuberculosis exposure in infection, disease and vaccination	\$3,015,851
2016	Lucira Health, Inc.	CA	R44AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnostics	\$707,926

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2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,055,696
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,864
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$398,613
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$160,938
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$443,988
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI124843	Development of SMAC mimetics as latency-reversing agents	\$710,559
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$310,000
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular mechanisms of attachment by the ventral disc in Giardia	\$390,205
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$477,070
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$481,250
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$377,882
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$387,500
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$481,250
2016	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$364,701
2016	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$353,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$109,836
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI121513	Coopting epigenetic regulators by Aire to maintain immune tolerance	\$203,688
2016	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$547,518
2016	J DAVID GLADSTONE INSTITUTES	CA	F32AI116410	Harnessing Genetic Interactions to Uncover HIV-1 Rev Host Factors	\$58,002
2016	La Jolla Institute For Immunology	CA	R21AI115534	Anaphylaxis and IgE heterogeneity	\$210,082
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$367,751
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$565,167
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,528,517
2016	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	\$347,500
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$2,602,648
2016	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	\$350,919
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$515,178
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$374,115

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2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$376,822
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$604,677
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$640,241
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$1,795,330
2016	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$643,269
2016	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$393,000
2016	CHILDRENS HOSPITAL OF LOS ANGELES	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$1,225,138
2016	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI111477	Integrated Cost-Effective Point of Care Nucleic Acid Testing for TB diagnosis	\$541,354
2016	UNIVERSITY OF CALIFORNIA	CA	F31AI112241	Mechanisms of Dysbiosis by Attaching and Effacing Pathogens	\$37,176
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$941,479
2016	STANFORD UNIVERSITY	CA	R01AI116059	Mechanisms of persistent Salmonella infection	\$399,847
2016	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI107936	A new approach to quantitative, point-of-care serology	\$360,329
2016	STANFORD UNIVERSITY	CA	R21AI117171	Tools for regulated gene expression in Entamoeba invadens	\$200,625
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI116433	Nicking endonuclease-mediated gene drive in mosquitoes	\$231,750
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114401	Eliciting antibodies to probe native trimeric gp41 for HIV vaccine design	\$574,022
2016	STANFORD UNIVERSITY	CA	F31AI118212	Research Career Development: Investigation of novel Staphylococcus aureus alpha-toxin targets at the cellular adherens junctions	\$35,339
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119115	Maltose Targeted Antibiotics	\$209,372
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$672,257
2016	UNIVERSITY OF CALIFORNIA	CA	F32AI114176	Identifying contexts that improve Wolbachia as a biocontrol of vector-borne disease	\$56,118
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117563	Genetic Dissection of arenavirus-induced lethality	\$240,625
2016	STANFORD UNIVERSITY	CA	R03AI116408	New Mechanisms of Protease Inhibitors Resistance	\$80,250
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116415	Mesenchymal Stem Cell Therapy for Gut Mucosal Recovery in the SIV Model of AIDS	\$196,146
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI119791	Novel In Vitro and In Vivo Bioluminescent Assays of Giardia Cellular Functioning	\$219,742
2016	STANFORD UNIVERSITY	CA	R21AI119893	Transcription factor control of Entamoeba development	\$237,000

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2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI118581	The role of antibody and the Fc neonatal receptor in transmitted/founder strain selection	\$737,266
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$141,588
2016	SAN FRANCISCO STATE UNIV	CA	R21AI116297	HIV Risk Among Trans Partners of MSM	\$168,245
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117940	Mechanism of dysbiosis caused by AE Pathogens	\$196,250
2016	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$1,388,627
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI123782	Role of miR-146a at the interface between T and B cell immunity	\$190,867
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI123390	Mechanism of action of novel Anopheles active toxins	\$386,458
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$130,887
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI112816	Role of mechanosensation in P. aeruginosa virulence and colonization	\$159,256
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI119019	Novel serologic assays of P. falciparum exposure for improved surveillance in control and elimination.	\$580,937
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI124493	Dissecting novel mechanisms of dengue virus NS1-induced vascular leak	\$382,705
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120352	CRISPR-based genome and transcriptional engineering of human T cells to enhance cancer immunotherapy approaches	\$13,208
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117463	Three-dimensional analysis and modeling of the Chlamydia developmental cycle	\$184,386
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI126105	The role of lipid droplets in immunity to M. tuberculosis infection	\$196,250
2016	La Jolla Institute For Immunology	CA	R01AI071922	Differentiation of subsets of NKT cells	\$539,188
2016	La Jolla Institute For Immunology	CA	U01AI125955	HVEM: A TNF family receptor that influences mucosal immunity and the microbiome	\$535,300
2016	GENENDEAVOR LLC	CA	R43AI126956	Isothermal Chain Reaction (ICR) Rapid and Early Detection of Pathogens for Sepsis Point-of-Care Testing, Stratification, and Monitoring	\$300,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI122702	Origin and Potentiation of Type 2 Innate Lymphoid Cells in the Lung	\$35,491
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI122862	Single Cell Characterization of Latent HIV-1 Reservoirs	\$382,769
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI125222	Filling a Void of Research (FAVOR) Training for Transplant Surgeons	\$156,602
2016	MAPP BIOPHARMACEUTICAL INC	CA	R43AI126968	Rapid Response Agents Against Filovirus Outbreaks Using Vectored Immunoprophylaxis	\$240,221
2016	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R33AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$461,875
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI125885	A Sexual Transmission-Blocking Vaccine Against Chlamydia infections	\$231,750

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2016	La Jolla Institute For Immunology	CA	R21AI113349	Necroptosis and adaptive immunity to virus infection	\$277,855
2016	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI122389	Use of Protein Biomarkers to Identify Latent/Persistent HIV Infected Cell Reservoirs Without Induced Reactivation	\$226,598
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R00AI120851	Viral sequence and dynamic determinants of antibody breadth	\$249,000
2016	STANFORD UNIVERSITY	CA	DP2AI131082	Congregate air sampling for population-based detection of tuberculosis	\$1,970,897
2016	VIROGENICS INC	CA	R42AI104034	Modulation of the Innate Immune Response by Fisetin Derivatives for the Treatment of AD	\$771,449
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI123202	Using single-cell RNA-seq to interrogate host immunity to pathogens	\$604,500
2016	IDENTIFYGENOMICS, LLC	CA	R43AI124933	Development of a kit for the targeted depletion of abundant sequences from DNA/RNA libraries	\$225,000
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI124566	Endothelial invasion by yeast-phase Candida	\$532,628
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI124179	Lineage tracing the embryonic origins of tissue-resident macrophages	\$216,055
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$2,407,704
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$692,018
2016	TRELLIS BIOSCIENCE LLC	CA	R44AI122360	Therapeutic Antibody for RSV IIB	\$1,268,751
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$383,045
2016	La Jolla Institute For Immunology	CA	R01AI125068	Maximizing germinal centers and somatic hypermutation to HIV Env immunogens	\$936,822
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$493,017
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$4,115,106
2016	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$556,762
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$328,442
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$392,500
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$389,490
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$396,250
2016	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115127	Genes and pathways regulated by YY1 in early and late B cell differentiation	\$94,750
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$376,197
2016	La Jolla Institute For Immunology	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$132,750
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$312,926
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$460,412

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2016	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,241,923
2016	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$458,399
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$534,084
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	\$636,633
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI114930	Inhibiting Toxoplasma growth by disrupting its access to host small molecules	\$195,885
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of Cryptococcus neoformans	\$386,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$449,515
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$367,565
2016	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	\$256,000
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$385,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$27,553,260
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$445,391
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	\$701,415
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$481,250
2016	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$392,500
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI110692	Phosphatidylserine Receptors in Flavivirus Infection	\$480,000
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI106930	Innate immunity-based screen for bacterial type III secretion system inhibitors	\$375,180
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$392,336
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$1,780,794
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103299	Bartonella: dissecting niche-specific adaptation in a human pathogen	\$472,565
2016	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$1,363,549
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	MicroRNA-mediated control of immune responses and tolerance	\$395,365
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120032	Understanding Molecular Pathways for Fetal T Cell Development and Function	\$198,125
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI109593	Stochastic Gene Expression in Retroviral Latency	\$440,195

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2016	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	\$577,666
2016	La Jolla Institute For Immunology	CA	U19AI109976	Genetic screens for key transcriptional regulators of antiviral T cell immunity	\$2,090,598
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI029329	Enhancing the Intracellular Functioning of anti-HV RNAS	\$654,174
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	\$769,642
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI109208	Development of Real-Time Cellular Screening Systems for BoNT Intoxication	\$458,641
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI112394	HIV-1 Modulation of the Ubiquitinome and Its Effects on Cell-to-Cell Transmission	\$188,824
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$6,137,707
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109677	Leptin and mTOR: metabolic partners in autoimmunity	\$192,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI118540	Characterizing the binding between HIV-1 integrase and capsid and the role of the interaction in modulating the uncoating process	\$222,790
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112796	Non-canonical roles of the apoptotic caspases in T-cell activation	\$288,750
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119927	A novel thymic implant strategy to induce T cell reconstitution and immune tolerance for patients with complete DiGeorge Syndrome	\$192,500
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116368	Timing of ART and homeostasis of the persistent HIV reservoir in the adult	\$740,979
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI112594	Protective antigens of Giardia lamblia	\$232,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI117777	Very long chain fatty acid biosynthesis in Mycobacterium tuberculosis	\$206,869
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI116129	EPIGENETIC PROGRAMMING OF INNATE IMMUNITY IN PEDIATRIC AIRWAY EPITHELIUM	\$193,275
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI113060	Synthetically engineering population control systems in vectors of human disease	\$108,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	\$198,125
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$473,750
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$654,260
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R03AI123877	Development of a Probiotic Therapy for Limiting Group B Streptococcal Vaginal Carriage	\$75,000
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R33AI110149	HIV-specific nucleases to reservoir cells	\$495,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI123024	Novel methods of pharmacologic monitoring for multidrug resistant tuberculosis treatment in the setting of HIV infection	\$765,381

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2016	RAND CORPORATION	CA	R01AI118705	Modeling the Coupled Dynamics of Influenza Transmission and Vaccination Behavior	\$522,942
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI122260	A Phase II/III Clinical Trial of Gene Therapy for ADA-Deficient SCID	\$1,391,425
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI103422	CD4 T cell responses to Chlamydia infection	\$384,328
2016	STANFORD UNIVERSITY	CA	F32AI124558	Immunotherapy targeting the CD47-SIRP? axis to promote immune clearance of chronic infection	\$58,002
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R03AI119990	Reversal of T cell Exhaustion	\$97,500
2016	CEDARS-SINAI MEDICAL CENTER	CA	R21AI124211	Atherosclerosis in SLE - OGG-1 as a novel target for therapeutic intervention	\$218,750
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI124743	HIV latency reversal through novel, potent PKC modulators	\$645,378
2016	UNIVERSITY OF CALIFORNIA	CA	R56AI120737	Short and long-term effects of infant microbiota on (RhCMV) SIV vaccine efficacy	\$781,671
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127297	Role of TLR3 pathway in HIV infection	\$220,853
2016	STANFORD UNIVERSITY	CA	R21AI119686	Plasmacytoid Dendritic Cell microRNAs in Transplantation	\$239,692
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI117890	Protective humoral immunity to influenza infection	\$485,151
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI125104	TAT Transactivation	\$396,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$458,868
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R33AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$559,921
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$487,500
2016	SUTROVAX INC	CA	R43AI122375	Development of a Universal Influenza Vaccine Produced by Cell-Free Protein Synthesis	\$196,063
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI119564	A Multidisciplinary Approach for the Treatment of Botulinum Intoxication	\$628,233
2016	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109439	T cell driven antigen discovery for vaccine candidates for human Chagas disease	\$273,000
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI129894	Glycan array for phenotype-driven capture and genotyping of viruses in primary isolates	\$300,700
2016	MAVERIX BIOMICS INC	CA	R41AI122740	Development of a Genotype-linked Antibiotic Resistance Platform for Real Time Pathogen Risk Classification and Epidemiology	\$219,655
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI117064	Consortium for drug-resistant Gram-negative pathogen detection	\$1,177,740
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$512,462
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI127274	HIV transcriptome analysis during viral latency	\$198,125
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI121928	The new chemokine CCL28 and its role during Salmonella infection	\$231,750

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI113272	Regulation of Innate Immune Signaling by Lyn Kinase	\$396,250
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109059	The function of CRAC channels in airway inflammation	\$210,125
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI122344	Antigen-specific B cell tolerance in the gut-associated lymphoid tissue (GALT)	\$487,500
2016	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI114701	The effect of binding of fH to meningococcal fHbp vaccine on antibody protection	\$774,128
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI118584	TRIPAI: An innovative way to improve the health of infants by including fathers during prenatal care	\$179,287
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119434	Novel Role of Enterovirus 71 VP4 in Modulation of Cell Death Pathways	\$184,054
2016	STANFORD UNIVERSITY	CA	R21AI117255	Role of novel adherens junction proteins in susceptibility to S. aureus alpha-toxin	\$200,630
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120972	BRASL - A rapid Barcoded RNA Annealing, Selection, and Ligation assay to detect pathogens.	\$192,427
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,579,126
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI122282	Understanding the influence of SREBP signaling on CD4 T helper cell biology	\$385,000
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI116946	The function of chemotactic signal transduction during colonization and disease	\$576,957
2016	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$434,419
2016	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI114929	Tolerance defenses in host-microbiota interactions	\$485,000
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI119082	Host iron and Yersinia pathogenesis	\$484,866
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,308
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$15,000
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$387,500
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$492,818
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$680,407
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$782,559
2016	GIGAGEN INC	CA	R43AI120313	An Advanced Tool for Immune Cell Analysis Using Microfluidics	\$40,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$481,250
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$380,000
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$574,348
2016	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$762,920
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$386,333

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2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,960,150
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$247,111
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$385,635
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$386,250
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretory Pathway	\$373,606
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$652,709
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114585	RBM3 regulation of type 2 innate lymphoid cells in allergic inflammation	\$461,600
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	\$473,750
2016	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$392,754
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$322,656
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q21, allergic inflammation, and remodeling	\$387,500
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$417,500
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$434,034
2016	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$446,957
2016	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$137,160
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$593,584
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$724,200
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI113893	Re-engineering gp120 to include glycan-dependent epitopes	\$725,929
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113248	Fine-Scale Recombination Rate Variation in Anopheles gambiae	\$364,505
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI112016	Topical Microbicides: Targeted Intracellular Delivery	\$567,742
2016	MAPP BIOPHARMACEUTICAL INC	CA	R44AI082744	An Immunoprotectant for Marburg Virus	\$999,998
2016	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$590,333
2016	La Jolla Institute For Immunology	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$732,684

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2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$450,000
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116880	T cell activation and the breakdown of maternal-fetal tolerance in preterm labor	\$396,250
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI113867	Glycan dependent epitopes of HIV broadly neutralizing antibodies	\$962,498
2016	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$945,516
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI110621	Analyzing the effects of type I interferons in the enterovirus-infected heart	\$664,683
2016	STANFORD UNIVERSITY	CA	F32AI115950	Mechanisms of IL-1B secretion during microbial infection	\$56,118
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114615	Coxsackieviral pancreatitis: autophagy, proteolysis, and inflammation	\$657,150
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115701	Inferring physico-chemical constraints at individual sites in protein evolution	\$222,277
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI101539	Trispecific monoclonal antibody for botulinum neurotoxin intoxication therapy	\$446,742
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117001	Pharmacodynamics of Antimalarial Chemoprevention	\$681,596
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI119459	Gold Compounds for the Topical Treatment of Trichomoniasis	\$113,799
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI116392	Cell Phone Video Directly Observed Therapy to Monitor Short Course LTBI Treatment	\$600,963
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI117378	B cell TLRs and germinal centers	\$198,125
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI118547	Impact of antibody mediated phagocytosis on HIV-1 clearance	\$77,250
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI117174	Complex and evolving mechanisms of insecticide resistance in malaria vectors	\$195,990
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI110902	LAT-HVEM Interactions Effect HSV-1 Latency/Reactivation	\$193,125
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R21AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$197,100
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI118432	Towards HIV eradication using a novel Tat inhibitor	\$450,960
2016	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	\$397,646
2016	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI115271	Identification of Genes that Cause Sterility in Male Malaria Mosquitoes	\$220,969
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119831	Combination immunotherapy to preserve beta-cell function in the context of autoimmunity	\$192,500
2016	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI119929	Neonatal Antibiotic Therapy, The Pulmonary Microbiome, and theCholinergic Anti-inflammatory Pathway	\$187,500

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2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI127652	Phage resistance and mobile genetic elements in Vibrio cholerae	\$416,292
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120867	Evolution of the Vif E3 Ubiquitin Ligase	\$56,118
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI120791	Cow ultralong CDR3 antibodies targeting HIV gp120	\$298,054
2016	La Jolla Institute For Immunology	CA	R01AI123398	Regulation of innate lymphoid cells in inflammation	\$442,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118422	Perturbing the HIV Reservoir with Immune Stimulation	\$778,122
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI118862	IL-27 elicited antibodies: A novel means to control persistent Arenavirus infection	\$481,250
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI123630	Identification by High Throughput Screening of Inhibitors of Assembly and Secretion of the Francisella Type VI Secretion System	\$231,000
2016	SCRIPPS RESEARCH INSTITUTE	CA	R56AI119092	Locus contraction at the Ig kappa locus	\$481,250
2016	STANFORD UNIVERSITY	CA	U19AI123862	Profiling the protective B cell response to HCV	\$697,946
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI126516	Kupffer Cell Necroptosis and Homeostatic Function in Liver Immune Responses against Ischemia Reperfusion Injury	\$231,000
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI126037	A heterogeneous stock paradigm of dissecting complex traits in Peromyscus leucopus, a major natural host of Lyme disease and other emerging infections	\$270,375
2016	STANFORD UNIVERSITY	CA	R01AI121084	Small RNA regulation of gene expression in Entamoeba	\$623,315
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI122980	An AAV Approach to Treating HIV	\$56,118
2016	STANFORD UNIVERSITY	CA	R21AI126582	Structure-based HCV vaccine design	\$246,400
2016	STANFORD UNIVERSITY	CA	F31AI118469	Defining the Natural Killer Cell Response to HIV	\$43,576
2016	VLP BIOTECH INC	CA	R43AI122370	An Epitope-Focused Pediatric RSV Vaccine	\$224,141
2016	CRYSTAL BIOSCIENCE INC	CA	R43AI122974	Novel avian CCR5 specific antibodies to block HIV transmission	\$216,897
2016	SOCRATES BIOSCIENCES INC	CA	R43AI126984	Cortistatin inspired agents for HIV therapy	\$224,997
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI125105	Mining real-time social media big data to monitor HIV: Development and Ethical Issues	\$671,438
2016	AURITEC PHARMACEUTICALS INC	CA	U44AI069674	Clinical Safety and Pharmacokinetics of Sustained Release Depot Tacrolimus	\$587,940
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$394,039
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI122212	Glyco-therapeutics for Treating Persistent S. aureus Infections of Skin and Soft Tissue	\$180,185
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI118592	Childhood Tuberculosis Infection Among School-Age Children in Rural Uganda	\$180,168
2016	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	\$733,334
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI123210	Novel Strategies for Controlling Persistent Viral Infection	\$481,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI118974	Subversion of membrane transport pathways by Legionella pneumophila	\$396,250

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2016	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$366,165
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,537,568
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI126611	Delaney AIDS Research Enterprise to Cure HIV	\$5,547,114
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120517	Dissecting the role of Janus Kinases in Common Cytokine Receptor γ -chain signaling in T-cells using chemical genetics	\$35,933
2016	IO THERAPEUTICS, INC.	CA	R44AI112512	Development of the RXR agonist IRX4204 to treat Multiple Sclerosis and other Immune related Diseases	\$854,395
2016	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$1,007,943
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$384,253
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$546,603
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI124286	Determining the Mechanism of Activation of Linked Agonists Synergies	\$525,953
2016	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$987,301
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$392,500
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$425,000
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$376,166
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$353,959
2016	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,250
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$378,553
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$556,923
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$383,308
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$713,381
2016	La Jolla Institute For Immunology	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$435,000
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$460,751
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$480,000
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCL-2 mediated anti-apoptosis and-autophagy	\$452,259
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$468,093
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$450,970

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2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Annual Primary Immune Deficiency Treatment Consortium (PIDTC) Workshop and Education Day	\$14,000
2016	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	\$313,055
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$412,500
2016	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$480,000
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$424,658
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$1,013,043
2016	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	\$179,874
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$178,016
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$412,500
2016	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$485,000
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$636,473
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI105007	Cyclophilins and the IFN Response	\$401,255
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI108713	Functional Plasticity in the Helicobacter pylori Type IV Secretion System	\$578,356
2016	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$3,841,632
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI114261	Vibrio cholerae biofilms: structure, function, regulation and role in infection	\$476,533
2016	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$392,500
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI110513	Deconstructing the allo-specific memory B cell response	\$393,434
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117175	Profiling Serine Hydrolase Activity At The Virus-Host Interface	\$240,625
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI109599	E-proteins and EBF1 in B cell differentiation	\$387,500
2016	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI106895	Regulation of Chronic Viral Infections	\$487,500
2016	UNIVERSITY OF CALIFORNIA	CA	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$338,415
2016	SIXAL INC	CA	R44AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$739,653
2016	RETROVIROX INC	CA	R44AI100778	An immune-based approach for HIV eradication	\$1,226,363
2016	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$363,600

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2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI116257	New adjuvants to induce neutralizing HIV antibody responses	\$206,250
2016	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI119288	Novel cyclic lipopeptides for treating gram negative bacterial infections	\$252,175
2016	J DAVID GLADSTONE INSTITUTES	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$615,430
2016	STANFORD UNIVERSITY	CA	R21AI119480	Structure and function of EBV protein complexes that trigger epithelial cell entry	\$195,417
2016	PANORAMA RESEARCH, INC	CA	R44AI109982	Antibody-Membrane Switch (AMS) technology for optimized antibody engineering	\$455,800
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI112462	Structural/biophysical characterization of a potent HIV transcription inhibitor	\$211,672
2016	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI117345	The mechanism and biological consequence of ROS chemotaxis	\$189,338
2016	SCRIPPS RESEARCH INSTITUTE	CA	R21AI115348	Activity-Based Protein Profiling of Arenavirus-Host Interactions	\$288,750
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115273	B12 Autotrophy as a Virulence Mechanism in Infectious Leptospira	\$232,500
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI116493	Optimal Strategies for HIV Treatment and Prevention in Sub-Saharan Africa	\$598,511
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$705,401
2016	PLANET BIOTECHNOLOGY INC	CA	R44AI114023	A MERS-CoV Receptor Decoy	\$773,409
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120977	Real-Time Unbiased Pathogen Detection in Febrile Illnesses by Nanopore Sequencing	\$198,125
2016	UNIVERSITY OF CALIFORNIA	CA	R21AI115120	PLASMABLASTS, XENOBIOTICS AND LOSS OF TOLERANCE	\$235,063
2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121393	Multidimensional Single Cell Analysis of the Germinal Center Reaction	\$602,275
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI121945	Cellular and Molecular Mechanisms of Regulatory T Cells in EAE	\$103,001
2016	La Jolla Institute For Immunology	CA	R21AI123134	Novel PTPRD interaction Controlling T cell Responsiveness	\$265,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI122211	Structure Determination of the Chemokine Receptor CCR2 with Novel Inhibitors	\$232,500
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI121918	Dissecting the interactions of gp120 with chemokine receptor CXCR4	\$232,500
2016	La Jolla Institute For Immunology	CA	R21AI122258	Deubiquitination in Immune Regulation	\$265,500
2016	OSEL, INC	CA	R43AI124960	Development of a rapid point of care diagnostic, to monitor MucoCept-CVN, an HIV-targeted biotherapy,	\$225,000
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI121360	Development of a cell-based assay to discover new bacterial anti-infective agents	\$390,162
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI126277	Nutritional immunity during Salmonella infection	\$377,261
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI126344	Regulatory Role of Splicing In Inflammation	\$287,525

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2016	SCRIPPS RESEARCH INSTITUTE	CA	R01AI121155	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$433,117
2016	TRELLIS BIOSCIENCE LLC	CA	R44AI120425	Therapeutic Antibodies for Biofilm Infections	\$999,628
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI122643	Human Neutrophil Response to Trichomonas vaginalis	\$58,002
2016	CEDARS-SINAI MEDICAL CENTER	CA	R01AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	\$437,500
2016	STANFORD UNIVERSITY	CA	R01AI120683	Portable Nanostructured Photonic Crystal Device for HIV-1 Viral Load	\$391,872
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K22AI122824	Regulation of HIV-1 and related lentiviruses by the DNA damage response	\$159,998
2016	GENEFLUIDICS INC	CA	SB1AI088756	Near patient molecular diagnostics test for infections	\$989,569
2016	MOLECULAR EXPRESS, INC	CA	R44AI094770	The VesiVax? System: Vaccine Development Made Easy	\$762,253
2016	Lundquist Institute for Biomedical Innovation at Harbor	CA	U01AI124319	Systems Immunobiology of Antibiotic-Persistent MRSA Infection	\$1,999,922
2016	UNIVERSITY OF CALIFORNIA	CA	R56AI118926	Midgut mitochondria as the key to fit, Plasmodium-resistant Anopheline mosquitoes	\$728,842
2016	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI117211	Transferrin Combination Therapy to Address Antimicrobial Resistance	\$664,299
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI121144	Improving the molecular diagnosis of drug resistant tuberculosis	\$731,000
2016	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$416,250
2016	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI124146	Regulation of B cell differentiation by eIF4E	\$222,886
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$399,259
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$348,750
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$396,638
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI118594	Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients	\$1,648,456
2016	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI127132	Role of Myeloid Derived Suppressor Cells in Mycobacterium tuberculosis(Mtb)Reactivation in HIV-Mtb co-infected Individuals	\$232,680
2016	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI125615	Control of B cell development and effector functions by microRNA-142	\$425,000
2016	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI116885	Regulation of TH17 Cell Development and Function by the REV-ERBs	\$200,001
2016	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120694	Discovery of novel, ubiquitin-regulated mechanisms of TB control by macrophages	\$754,519
2016	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000

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2016	COLORADO STATE UNIVERSITY	CO	R21AI119567	Unraveling the Origin of Pyrazinamide's Synergy with other anti-TB Drugs	\$177,035
2016	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$1,251,988
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108725	Mechanisms of immune suppression during arthritogenic alphavirus infections	\$382,312
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI116993	Ultrarapid culture-independent detection of high-priority carbapenem resistant Enterobacteriaceae directly from blood	\$914,966
2016	NATIONAL JEWISH HEALTH	CO	R21AI115696	Regulation of V(D)J Recombination by Arginine Methylation	\$198,125
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122450	NF-kappaB and MAP Kinase Signaling in Inflammation	\$6,000
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI123005	HIV Vaccines	\$21,600
2016	COLORADO STATE UNIVERSITY	CO	R01AI120365	Assay Development for Identification of HIV-1 Protease Autoprocessing Specific Inhibitors	\$382,544
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI122298	Novel approaches for quantitative assessment of adherence	\$649,135
2016	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$422,956
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$130,697
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$458,970
2016	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$1,000,000
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$179,350
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI114075	Natural killer cell-derived IL-10 and immunity to Listeria	\$58,002
2016	COLORADO STATE UNIVERSITY	CO	R21AI119670	Mycobacterium Tuberculosis Cell Wall Assembly	\$226,500
2016	NATIONAL JEWISH HEALTH	CO	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$193,846
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121365	A Novel Screen for Antibacterials that Are Non-Toxic to Mammals	\$186,369
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124474	Studies of human B cell tolerance, from a humanized mouse model to human beings	\$427,550
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI119391	Esophageal Haemophilus influenzae contribution to Eosinophilic Esophagitis	\$233,250
2016	COLORADO STATE UNIVERSITY	CO	R56AI110535	Factors governing immunopathology, persistence or clearance of New World hantaviruses	\$372,871
2016	DENVER RESEARCH INSTITUTE	CO	R21AI121605	The role of T regulatory cells in cigarette smoke-induced susceptibility to tuberculosis	\$226,443

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2016	COLORADO STATE UNIVERSITY	CO	R01AI123234	Modeling the molecular evolution of SIV to HIV using humanized mice	\$498,020
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI126453	Chemical Probes for Bacteria-Macrophage Interactions	\$192,448
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121209	Cooperation between lymphatic stroma and hematopoietic cells shapes protective immunity	\$385,420
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114054	Chromatin diminution in nematodes	\$574,913
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$388,750
2016	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$420,643
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$128,414
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$463,511
2016	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$184,173
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI106499	PrEP and ART adherence monitoring using dried blood spots	\$900,286
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	\$77,750
2016	INDEVR LLC	CO	R44AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$935,011
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$454,935
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$436,530
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI101064	Identification and evaluation of novel therapeutic targets for virus-induced neuronal disease	\$466,198
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114903	Centralized IIS-Based Reminder-Recall to Increase Influenza Vaccination Rates	\$691,887
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI112792	Elucidation of conformational epitopes of peanut allergens essential for allergic reactions	\$194,375
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122351	Nucleic Acid Sensing Pathways: Innate Immunity, Immunobiology and Therapeutics	\$6,000
2016	INDEVR LLC	CO	R44AI106054	Innovative Optical System for Hemagglutination Assays	\$996,634
2016	TDA RESEARCH, INC	CO	R41AI122543	Development of Optimized Endectocide-treated Bird Feed Formulations for West Nile Virus Control	\$150,000
2016	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI126813	Sixteenth Annual Meeting of the Rocky Mountain Virology Association	\$5,000
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122341	T Follicular Helper Cells and Germinal Centers	\$10,000

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2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122342	Myeloid Cells	\$7,000
2016	COLORADO STATE UNIVERSITY	CO	U01AI115619	Biology and Biosignatures of Anti-Tuberculosis Treatment Response	\$619,889
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI126899	Molecular and cellular basis of Combined Adjuvant-Elicited Cellular Immunity	\$520,243
2016	NATIONAL JEWISH HEALTH	CO	K01AI125726	Genetic Epidemiology of Nontuberculous Mycobacteria for Predicting Host Specificity and Lung Disease Outcomes	\$111,420
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$516,981
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI042189	Enterovirus RNA translation and replication.	\$382,645
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$369,951
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122597	Stromal Cells in Immunity	\$8,000
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI110777	Role of Target DNA sequences in mutation and DNA Break Generation	\$233,250
2016	COLORADO STATE UNIVERSITY	CO	R33AI100228	Metabolic biomarkers and biosignatures for improved diagnosis of Lyme disease	\$444,174
2016	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$507,201
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F31AI118223	Regulation of Nucleotide Pools Mediates Recovery from Nitric Oxide-Induced Cytotoxicity in Salmonella	\$30,917
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R56AI015614	Pathogenesis of Fever in Man	\$311,000
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122357	Antibodies as Drugs	\$7,000
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122397	Drug Discovery for Parasitic Diseases	\$5,000
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122627	Tuberculosis Co-Morbidities and Immunopathogenesis	\$5,500
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI120448	Systems Immunology: From Molecular Networks to Human Biology	\$9,000
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$388,750
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126822	Translational Vaccinology for Global Health	\$7,500
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F31AI115920	Mouse polyomavirus (MPyV) activation of intracellular signaling pathways upon binding to cell surface gangliosides and the alpha-4-integrin receptor	\$38,140
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$409,029

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2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$281,040
2016	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$396,250
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$350,161
2016	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$597,081
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI120498	Cytokine JAK-STAT Signaling in Immunity and Disease	\$7,000
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	\$23,562
2016	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$399,799
2016	COLORADO STATE UNIVERSITY	CO	R01AI112956	Detection and Characterization of Blood-borne Prions	\$434,550
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI117918	Lymphatic endothelial cell capture and maintenance of antigen	\$382,645
2016	NATIONAL JEWISH HEALTH	CO	R21AI119932	Role of Formins in Islet Infiltration in Type 1 Diabetes	\$237,750
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI115288	Identifying parasite reservoirs in areas approaching elimination	\$177,649
2016	COLORADO STATE UNIVERSITY	CO	R01AI120021	An Ultrasensitive In Vivo Latent HIV Viral Outgrowth Assay Using Humanized Mice	\$662,694
2016	COLORADO STATE UNIVERSITY	CO	R56AI122273	Key Molecular Mechanisms of TSEs	\$371,868
2016	NATIONAL JEWISH HEALTH	CO	R21AI121980	A Universal Strategy for Inducing Tolerance to Therapeutic Mab	\$237,750
2016	NATIONAL JEWISH HEALTH	CO	R21AI125085	Molecular Mechanisms of MHCII Recognition by CD8 T Cells in HIV Non-Progressor Patients	\$158,500
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI124357	B Cells at the Intersection of Innate and Adaptive Immunity	\$8,000
2016	COLORADO STATE UNIVERSITY	CO	R01AI120670	Aerosol spectinomamide-1599 therapy against tuberculosis	\$629,894
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121253	Targeting chemosensory signaling in Aedes aegypti mosquitoes	\$498,760
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126804	Hemorrhagic Fever Viruses	\$10,000
2016	COLORADO STATE UNIVERSITY	CO	R01AI123136	Flavivirus non-coding RNAs and the Host mRNA Decay Machinery	\$370,939
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI121300	Non-coding RNAs in Gammaherpesvirus Infection and Disease	\$385,420
2016	COLORADO STATE UNIVERSITY	CO	R21AI125996	Predicting genetic determinants of Zika virus emergence	\$188,646
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$341,749
2016	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	\$674,036
2016	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	\$40,372

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$462,455
2016	NATIONAL JEWISH HEALTH	CO	R01AI110408	Reversal of Inflammatory Processes in CGD	\$396,250
2016	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$396,250
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121581	Development of Novel Resistance-Modifying Agents for MRSA	\$186,262
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI124487	Autoimmunity risk alleles compromising B cell anergy	\$455,054
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI124477	Positive-Strand RNA Viruses	\$7,000
2016	COLORADO STATE UNIVERSITY	CO	R01AI121211	Insecticide Resistance Management to Preserve Pyrethroid Susceptibility in Aedes aegypti	\$338,586
2016	COLORADO STATE UNIVERSITY	CO	R01AI125454	Improving combination chemotherapy of tuberculosis: a computational approach	\$735,638
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007447	Colorado HIV Research Training Program	\$103,237
2016	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$238,948
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	\$375,600
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$617,008
2016	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$494,344
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI121474	Macrophages, Granulomas, and Bacterial Persistence	\$192,448
2016	NATIONAL JEWISH HEALTH	CO	R21AI122135	Control of IL-4 by gamma/delta T Cells	\$242,448
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI126784	New Developments in Our Basic Understanding of Tuberculosis	\$7,500
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122572	Cell Biology and Immunology of Persistent Infection	\$11,500
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI121761	Inherent reactivity of T cell antigen receptors for MHC molecules	\$229,920
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122670	Developing a new model for EBV-mediated T cell diseases	\$194,375
2016	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$395,679
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI116603	APOBEC3/Rfv3 and Immunoglobulin Somatic Hypermutation	\$493,499
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$385,531
2016	NATIONAL JEWISH HEALTH	CO	R01AI107022	Innate Effectors and Type-2 Inflammation	\$396,250
2016	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$394,444

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI102264	IFNGR Down Regulation as a Host Target for Therapy of Infectious Diseases	\$362,376
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$34,176
2016	COLORADO STATE UNIVERSITY	CO	R33AI100186	Metabolomics-based discovery of small molecule biomarkers for noninvasive dengue	\$489,888
2016	NATIONAL JEWISH HEALTH	CO	R21AI119942	Role of Islet-Infiltrating Lymphocytes in Obesity	\$237,750
2016	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence, emergence and fitness	\$199,029
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI120458	Population heterogeneity in Mycobacterium tuberculosis	\$259,755
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI123008	HIV Persistence: Pathogenesis and Eradication	\$18,600
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124859	Impact of ART Adherence on HIV Persistence and Inflammation	\$218,906
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124488	Perturbation of B cell anergy in T1D	\$233,250
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI122092	Targeting ER Stress in Inflammatory Bowel Disease	\$233,250
2016	UNIVERSITY OF DENVER	CO	R21AI127192	Defining the three-dimensional organization and dynamics of HIV-1 Envelope using superresolution microscopy	\$208,526
2016	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI122337	Immunometabolism in Immune Function and Inflammatory Disease	\$8,000
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI124076	Regulation of Natural Killer T cell lineage diversification by the Src-like Adaptor protein 2	\$230,198
2016	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI110895	Transcriptional Responses Induced by Polyomavirus Attachment and Entry	\$227,241
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI122463	Mechanisms of adaptive immune suppression during pathogenic chikungunya virus infection	\$54,294
2016	COLORADO STATE UNIVERSITY	CO	R01AI114675	A High-Throughput Screen for Antiviral Inhibitors of the Alphavirus RNA Capping Enzyme	\$371,750
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F31AI122517	Mechanisms of monocyte-mediated control of alphavirus infection	\$30,917
2016	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$6,869,429
2016	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114555	Integrative Genomics in Asthmatics of African Descent	\$504,009
2016	YALE UNIVERSITY	CT	K99AI120845	Molecular basis of HIV restriction by SAMHD1	\$104,695
2016	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$492,078
2016	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$416,250
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$662,520

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2016	L2DIAGNOSTICS, LLC	CT	R44AI085725	A serologic assay to measure successful Lyme borreliosis antibiotic therapy	\$879,662
2016	LIFEPHARMS INC	CT	R44AI098708	Antifungal therapy against drug resistant fungal pathogens.	\$743,940
2016	YALE UNIVERSITY	CT	R01AI105097	Thymic adipogenesis and age-related thymic demise	\$416,250
2016	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$505,354
2016	YALE UNIVERSITY	CT	R21AI119813	Expanding the genetic code in Salmonella	\$208,125
2016	YALE UNIVERSITY	CT	R21AI120113	Bacterial effectors as probes to study (+) RNA virus-host cell biology	\$208,125
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI119015	Cytosolic Immune Surveillance During Bacterial Infections	\$395,441
2016	YALE UNIVERSITY	CT	R21AI126604	Studying lupus Th17 cell characteristics and their modulations by IL-27	\$251,126
2016	AZITRA INC.	CT	R41AI130373	Topical application of heterologous protein-expressing Staphylococcus epidermidis for potential therapeutic treatment of skin diseases	\$150,000
2016	UNIVERSITY OF CONNECTICUT	CT	R21AI128681	Rapid development and testing of Zika virus vaccine candidates	\$217,551
2016	YALE UNIVERSITY	CT	R21AI122384	Exploring antibody-Fc effector function in humanized mouse models of HIV latency	\$220,871
2016	YALE UNIVERSITY	CT	R01AI121183	Mechanisms regulating fetal membrane and neutrophil responses to polymicrobial infection	\$566,366
2016	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$2,090,661
2016	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$374,625
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	\$2,669,115
2016	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$210,664
2016	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$418,126
2016	YALE UNIVERSITY	CT	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$179,874
2016	YALE UNIVERSITY	CT	R21AI123984	Targeting intrinsic resistance to combat multi-drug resistant P. aeruginosa	\$195,572
2016	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$416,250
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI123131	Transplantation of ESC-derived thymic epithelial progenitors expressing autoantigen(s) ameliorating experimental autoimmune encephalomyelitis	\$368,900
2016	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$374,625
2016	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$570,845
2016	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory bowel disease	\$533,674

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2016	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$416,250
2016	YALE UNIVERSITY	CT	R01AI112443	In vivo genomic editing of hematopoietic cells for HIV resistance	\$607,873
2016	YALE UNIVERSITY	CT	R21AI114953	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	\$209,183
2016	YALE UNIVERSITY	CT	R21AI119837	The role of GILT in the generation of reactive oxygen species	\$249,750
2016	YALE UNIVERSITY	CT	F32AI114095	Determining the structure of the HIV-1 initiation complex	\$54,294
2016	YALE UNIVERSITY	CT	F32AI122864	Optimizing HIV reverse transcriptase inhibitors through structural, kinetic and cellular approaches	\$54,294
2016	YALE UNIVERSITY	CT	K99AI125065	Developing humanized mouse models for the study of HIV-1 latency and viral eradication	\$133,110
2016	YALE UNIVERSITY	CT	F31AI118233	Population genomics of Borrelia burgdorferi, the tick-borne agent of Lyme disease	\$28,236
2016	L2DIAGNOSTICS, LLC	CT	R41AI118120	Therapeutic inhibition of P. aeruginosa nitrogen respiration in chronic infection	\$300,000
2016	YALE UNIVERSITY	CT	R01AI122220	Genomics of NF- κ B-mediated gene regulation in multiple sclerosis	\$745,457
2016	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$369,157
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$477,374
2016	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$835,872
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$440,455
2016	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$721,853
2016	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$416,250
2016	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$409,485
2016	YALE UNIVERSITY	CT	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$441,953
2016	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$414,654
2016	YALE UNIVERSITY	CT	F30AI112218	Modulation of vascular endothelial alloimmunogenicity by nanoparticle-mediated ge	\$43,576
2016	YALE UNIVERSITY	CT	R21AI117333	Intrabodies that prevent or disrupt biofilms	\$208,125
2016	YALE UNIVERSITY	CT	R21AI124055	The Role of a PARP1 Genetic Variant in Development of Lupus	\$265,503
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI118943	Mechanisms and significance of intestinal cell proliferation in Vibrio parahaemolyticus infection	\$385,998

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2016	YALE UNIVERSITY	CT	U01AI115648	Control of Tsetse Fly Transmitted Diseases in Kenya	\$720,837
2016	YALE UNIVERSITY	CT	F32AI114097	Rare genetic variants associated with virus-induced asthma susceptibility	\$68,565
2016	YALE UNIVERSITY	CT	R21AI126156	A novel regulator of clumping and dispersal mechanisms in <i>P. aeruginosa</i>	\$209,271
2016	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$457,898
2016	YALE UNIVERSITY	CT	R01AI120558	Expanding the Sensing Abilities of Virulence Regulatory Systems	\$534,363
2016	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$248,926
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$342,291
2016	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$416,250
2016	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$493,789
2016	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$611,999
2016	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$416,250
2016	YALE UNIVERSITY	CT	R01AI112970	Model-guided assessment of rotavirus vaccine impact in developing countries	\$372,453
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F30AI110060	The role of CITFA-2 in RNA polymerase I transcription in <i>Trypanosoma brucei</i>	\$35,248
2016	YALE UNIVERSITY	CT	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$326,198
2016	YALE UNIVERSITY	CT	F32AI118315	Innate Immunity to HPV Infection	\$56,118
2016	YALE UNIVERSITY	CT	F32AI126660	RNA-Protein Interactions During Hepatitis C Virus Infection	\$54,294
2016	YALE UNIVERSITY	CT	K22AI123477	Illuminating immunomodulatory gut microbes in human health and disease	\$162,000
2016	YALE UNIVERSITY	CT	R21AI124116	Modulation neuroinflammation through interference of cooperative microRNA-RNA-binding protein interactions	\$292,979
2016	YALE UNIVERSITY	CT	R21AI112938	Probing the natural genomic diversity of <i>Babesia microti</i>	\$249,750
2016	YALE UNIVERSITY	CT	R01AI123208	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	\$641,842
2016	TANGEN BIOSCIENCES, INC.	CT	R43AI124849	Rapid Detection of Multiple Drug resistant TB from Sputum	\$216,030
2016	YALE UNIVERSITY	CT	R34AI120909	Phase II trial of extended release exenatide (Bydureon) and teplizumab in patients with new onset Type 1 Diabetes.	\$251,250
2016	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	\$422,110

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2016	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$187,448
2016	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$458,508
2016	YALE UNIVERSITY	CT	R01AI122448	B Cell Memory Regulation by Bone Morphogenetic Protein Receptor 1A	\$440,847
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$398,621
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$530,238
2016	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$499,433
2016	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$416,250
2016	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$291,140
2016	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$566,172
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$446,055
2016	YALE UNIVERSITY	CT	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$532,316
2016	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammasome regulators during mammalian host defense	\$416,250
2016	YALE UNIVERSITY	CT	F31AI116322	Human PrimPol: A Novel Mechanism of Antiviral Toxicity	\$0
2016	YALE UNIVERSITY	CT	R21AI116381	Recruitment of host noncoding RNAs by HIV-1	\$246,611
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI124234	Role of IRAK-4 in Rheumatoid Arthritis	\$239,250
2016	YALE UNIVERSITY	CT	R13AI125048	20th International Workshop on HIV Observational Databases (IWHOD)	\$53,143
2016	MEDISYNERGICS LLC	CT	R43AI122475	Novel Trypanocidal Compounds for the Treatment of Stage 1 and 2 HAT.	\$299,998
2016	YALE UNIVERSITY	CT	R21AI126166	Targeting Nanoparticles for Drug Delivery to Renal Graft Endothelium during Ex Vivo Normothermic Perfusion	\$251,250
2016	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$140,715
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$379,088
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI111957	Antimetabolites Effective against Resistant Gram-positive Bacteria	\$543,157
2016	YALE UNIVERSITY	CT	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$579,864
2016	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$416,250
2016	YALE UNIVERSITY	CT	R21AI112810	Campylobacter jejuni colonization and the resident microbiota	\$208,125
2016	CONNECTICUT AGRICULTURAL EXPERIMENT STATION, THE	CT	K22AI099042	The role of autophagy in Aedes aegypti vector competence for dengue virus type 2	\$108,000

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2016	YALE UNIVERSITY	CT	R01AI120369	Mechanisms Regulating Innate Immune Responses	\$348,958
2016	YALE UNIVERSITY	CT	R56AI125411	A Cell-specific Endothelial MicroRNA Adenylation Pathway Regulates Th2 Inflammation in Asthma	\$502,503
2016	VAXINNATE CORPORATION	CT	R21AI128960	Development of a Recombinant Zika Virus Vaccine Based on Subunit Envelope (E) Antigen Fused to a TLR5 Agonist (Flagellin)	\$214,313
2016	YALE UNIVERSITY	CT	R01AI121207	Naturally-Acquired and Vaccine-Mediated Immunity to Leptospirosis	\$1,681,552
2016	YALE UNIVERSITY	CT	R01AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$104,271
2016	YALE UNIVERSITY	CT	K01AI119603	Improving the control of multidrug-resistant tuberculosis through targeted screening and use of novel anti-tuberculosis drugs	\$131,024
2016	YALE UNIVERSITY	CT	K08AI119139	Cell Death and Cross-Protection in Rhinovirus Infection	\$179,874
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI126146	Essential role of Hk1/Rp1 TCS for survival of Borrelia burgdorferi in ticks	\$239,250
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI123864	Cellular Mechanisms of Viral Control	\$416,066
2016	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$641,362
2016	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$676,739
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$393,163
2016	YALE UNIVERSITY	CT	R01AI116313	Recognition of Viral DNA by APOBEC3 Proteins and their Antagonization by HIV Vif	\$414,839
2016	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$458,296
2016	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$416,250
2016	YALE UNIVERSITY	CT	F32AI114196	Genetic Regulation of the Coxiella burnetii Type IVB Secretion System	\$58,002
2016	YALE UNIVERSITY	CT	R33AI100191	A New Cytokine-Based Immunoassay for the Diagnosis of Lyme Disease	\$468,476
2016	YALE UNIVERSITY	CT	R01AI114760	Biogenesis of the Coxiella-containing vacuole	\$417,024
2016	YALE UNIVERSITY	CT	R21AI115066	Rab protein functions that impact Coxiella intracellular replication	\$208,125
2016	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$870,385
2016	YALE UNIVERSITY	CT	R21AI119119	TESTING A NOVEL APPROACH TOWARD A MULTIVALENT CHIKUNGUNYA/DENGUE VACCINE	\$249,750
2016	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$407,553
2016	UNIVERSITY OF CONNECTICUT	CT	R01AI121069	Developing a screening campaign for immune enhancers	\$323,039

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2016	YALE UNIVERSITY	CT	R56AI125504	Vaginally-delivered Nanoparticles for Prevention and Treatment of HSV-2 Infections	\$385,981
2016	YALE UNIVERSITY	CT	F30AI114090	The Coordination of CD8 T Cell Differentiation: A Role for STAT3 and FoxO1	\$28,176
2016	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$493,774
2016	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$2,527,533
2016	CATHOLIC UNIVERSITY OF AMERICA	DC	F32AI115912	A Novel Mucosal Vaccine Delivery System Using Bacteriophage T4 Nanoparticles	\$56,118
2016	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$448,705
2016	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$332,200
2016	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$636,281
2016	GEORGETOWN UNIVERSITY	DC	R01AI111962	Optimized Combination Antimalarial Drug Therapy	\$923,203
2016	HOWARD UNIVERSITY	DC	R00AI114379	Effective Replicating Adenovirus-HIV Vaccines	\$249,000
2016	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$475,387
2016	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI126787	6th ASM Conference on Beneficial Microbes: Towards Mechanism and Prediction in Host-Microbe Interactions	\$8,000
2016	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI122636	13th ASM Conference on Candida and Candidiasis	\$8,000
2016	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	\$442,903
2016	INTERNATIONAL AIDS SOCIETY	DC	R13AI124757	21st International AIDS Conference (AIDS 2016), Durban, South Africa, 17-22 July 2016	\$1,175,000
2016	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$1,940,003
2016	GEORGETOWN UNIVERSITY	DC	R21AI123718	Structure and Function of Hepatitis Delta Virus RNA-Protein Complexes	\$233,250
2016	CHILDREN'S RESEARCH INSTITUTE	DC	K23AI130184	Psychosocial Adjustment and Adherence among Youth with Food Allergy	\$147,746
2016	UNIVERSITY OF DELAWARE	DE	R21AI119149	Helical proteomimetics to prevent HIV entry	\$195,000
2016	ALFRED I DUPONT HOSP FOR CHILD NCC-W OF THE NEMOURS FDN	DE	R21AI119841	Redirect T cell specificity to IgE-expressing B cells for severe allergic asthma	\$206,625
2016	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$478,127
2016	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$714,288
2016	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$1,120,190
2016	UNIVERSITY OF FLORIDA	FL	R01AI116892	Role of Intestinal Bacteria in Human Norovirus Infection	\$369,346

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2016	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112255	Physiologically-explicit epidemiology: linking size and energetics of snail hosts to human risk of schistosome infection	\$56,118
2016	UNIVERSITY OF MIAMI	FL	R21AI116346	MicroRNA Regulation of Endothelial Progenitor Senescence in HIV Infection	\$230,250
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$443,250
2016	UNIVERSITY OF FLORIDA	FL	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	\$225,000
2016	UNIVERSITY OF FLORIDA	FL	R21AI112382	Function of histone chaperones in HSV-1 chromatin structure during latency, establishing maintenance and reactivation	\$187,500
2016	UNIVERSITY OF FLORIDA	FL	R01AI112680	Heterologous polysaccharide synthesis in attenuated Salmonella	\$343,751
2016	UNIVERSITY OF FLORIDA	FL	R01AI116770	Regression, Phylogenetics, and Study Design in Infectious Disease Epidemiology	\$411,314
2016	UNIVERSITY OF FLORIDA	FL	R21AI123933	Timely Risk Assessment of Airborne Virus with a Super-Efficient System for Viable Influenza Aerosol Capture	\$225,321
2016	UNIVERSITY OF FLORIDA	FL	R21AI122338	Gut dysbiosis induces lupus	\$223,870
2016	UNIVERSITY OF MIAMI	FL	R21AI124058	Nanocarrier-targeted mesenchymal stem cells to treat inflammatory bowel disease	\$230,250
2016	NOVA SOUTHEASTERN UNIVERSITY	FL	R21AI124187	Sex-specific genomic mechanisms of transcriptional regulation in ME/CFS/SEID	\$220,693
2016	UNIVERSITY OF FLORIDA	FL	P01AI123036	Optimizing Combination Therapy to Accelerate Clinical Cure of Tuberculosis	\$2,336,318
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$316,967
2016	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$755,151
2016	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	\$370,500
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI119787	Lead Optimization of Bis-benzimidazole Analogs for Pathogenic Free-living Amoebae	\$219,243
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI119835	Development of nonhuman primate model of S. aureus nasal carriage	\$196,893
2016	FLORIDA STATE UNIVERSITY	FL	R00AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	\$242,937
2016	UNIVERSITY OF MIAMI	FL	R01AI123258	Serum miRNA Biomarkers of Islet Autoimmunity	\$773,669
2016	UNIVERSITY OF MIAMI	FL	R21AI127091	HIV-a Persistence in Myeloid Cell Reservoirs	\$191,875
2016	UNIVERSITY OF FLORIDA	FL	R13AI126807	World Melioidosis Congress 2016	\$7,000
2016	UNIVERSITY OF FLORIDA	FL	R56AI122813	Targeting the host kinase DYRK1A to optimize reversal of HIV-1 latency in CD4 T cells	\$375,596

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,458,398
2016	DISCIDIUM BIOSCIENCES, LLC	FL	R41AI124932	Simple, low cost assay for detection of HIV-1 antiretroviral resistance in resource-limited settings	\$300,000
2016	UNIVERSITY OF FLORIDA	FL	R03AI122182	Development of single-cell metabolomics to dissect cellular heterogeneity of immune cells	\$75,000
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$653,630
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$417,701
2016	ISENSE LLC	FL	R44AI094781	Rapid Identification of Pathogenic Bacteria and Sepsis Diagnosis	\$655,000
2016	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$130,371
2016	UNIVERSITY OF FLORIDA	FL	R21AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	\$231,651
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI112854	Toxin Potency is Linked to Holotoxin Disassembly by Protein Disulfide Isomerase	\$73,000
2016	UNIVERSITY OF FLORIDA	FL	R56AI123144	Identification of Host and Viral Determinants of Human Norovirus B cell Infection	\$470,149
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117479	Augmenting innate immunity to combat nasal carriage of Staphylococcus aureus	\$182,500
2016	UNIVERSITY OF FLORIDA	FL	K08AI116980	Heterologous immunity and host susceptibility to emerging alphaviral infections	\$168,210
2016	UNIVERSITY OF FLORIDA	FL	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	\$371,321
2016	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$337,500
2016	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$383,750
2016	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$375,492
2016	UNIVERSITY OF FLORIDA	FL	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$168,210
2016	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	\$583,583
2016	UNIVERSITY OF MIAMI	FL	R01AI108421	Can vaccine-induced CD8 T cells prevent chronic phase AIDS virus replication?	\$529,979
2016	FLORIDA STATE UNIVERSITY	FL	R21AI119530	Dissecting Dengue Virus Permissiveness using a Stem Cell Differentiation System	\$221,453
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI117298	Natural Product-Inspired Novel Synthetic Antiplasmodial Scaffolds	\$72,200
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$67,069
2016	UNIVERSITY OF FLORIDA	FL	R21AI120195	Modeling the Fetal Microbiome	\$187,500

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2016	UNIVERSITY OF FLORIDA	FL	R21AI126583	Structure and dynamics of the VP1u infectivity domain of the Parvoviridae	\$192,409
2016	EMMUNE INC	FL	R44AI124832	WHICH ISOTYPE OF ECD4-IG MOST EFFECTIVELY SUPPRESSES VIRUS REPLICATION?	\$298,193
2016	UNIVERSITY OF FLORIDA	FL	R21AI125999	Impact of Human STING Variants on Pneumococcal Vaccine Effectiveness	\$225,000
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117013	Molecular dissection of the Chlamydia trachomatis Tarp effector in vivo	\$207,995
2016	UNIVERSITY OF MIAMI	FL	R01AI110810	Killing of intracellular bacteria by Perforin-2	\$383,750
2016	UNIVERSITY OF FLORIDA	FL	R01AI118999	Regulation of Staphylococcus aureus physiology by bacterial nitric oxide	\$334,423
2016	UNIVERSITY OF FLORIDA	FL	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$375,000
2016	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$375,000
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	\$469,008
2016	FLORIDA INTERNATIONAL UNIVERSITY	FL	K22AI112585	Identifying mosquito receptors that detect human odor	\$108,000
2016	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI116063	Abscisic acid synthesis and role in dormancy of malaria	\$37,384
2016	UNIVERSITY OF FLORIDA	FL	R21AI116296	Modeling interactions between HIV interventions in key populations in India	\$207,212
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI117457	Memory CD4 T Cell Regulation of Innate Lymphoid Cells	\$207,722
2016	FLORIDA STATE UNIVERSITY	FL	R01AI119178	Membrane Protein Structures and Interactions in the M. tuberculosis Divisome	\$731,861
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122760	Studies of DNA Licensing in Apicomplexa Parasites	\$538,527
2016	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$178,633
2016	UNIVERSITY OF FLORIDA	FL	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$444,683
2016	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$3,146,402
2016	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$382,500
2016	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$546,225
2016	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	\$456,265
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI117017	Chemogenomic Profiling of Plasmodium falciparum Drug Responses and Resistance	\$715,282
2016	UNIVERSITY OF MIAMI	FL	R21AI119450	Chromosome-encoded T3S effectors of Yersinia pestis	\$191,875
2016	UNIVERSITY OF FLORIDA	FL	R21AI119773	Spatio-Temporal Modeling for Surveillance Data of Multiple Pathogens	\$187,879
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI122326	Development of Novel Synthetic Alkaloids as Antimalarials	\$249,191
2016	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI105506	Mechanisms of placental dysfunction in pregnancy malaria	\$224,250
2016	UNIVERSITY OF FLORIDA	FL	R01AI123244	Mucosal Vaccines for Brucellosis	\$375,000

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2016	UNIVERSITY OF FLORIDA	FL	R03AI124017	Semiparametric analysis of the household transmission of cholera	\$72,173
2016	FLORIDA ATLANTIC UNIVERSITY	FL	R15AI127214	Development of disposable and refrigeration-free microchip technology for CD4+ T cell counting at point-of-care settings	\$459,580
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI124682	Developmental switches regulating tissue cyst formation	\$537,416
2016	UNIVERSITY OF FLORIDA	FL	R21AI121745	Fimbriae Countermeasures for Type 1 Diabetes	\$219,615
2016	UNIVERSITY OF MIAMI	FL	R01AI123048	Antibody Responses in Aging SIV Infected Monkeys	\$814,638
2016	FLORIDA STATE UNIVERSITY	FL	R03AI122860	Function of the HIV Membrane in Viral Infection	\$76,187
2016	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$1,273,977
2016	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$476,941
2016	UNIVERSITY OF SOUTH FLORIDA	FL	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$136,296
2016	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,339,739
2016	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$530,253
2016	UNIVERSITY OF FLORIDA	FL	R01AI108407	Role of MHV68 miRNAs in latency and pathogenesis	\$390,515
2016	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112271	Post-transcriptional regulation in the malaria parasite blood stage	\$58,002
2016	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI113470	Multivalent Bacillus mucosal vaccines against Clostridium difficile infection	\$229,600
2016	UNIVERSITY OF MIAMI	FL	F31AI124629	IL-2 Dependent Processes in Regulatory T cells	\$48,576
2016	UNIVERSITY OF FLORIDA	FL	R01AI125623	Yersinia pseudotuberculosis-based vaccines for plague and yersiniosis	\$435,751
2016	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R43AI127037	Eliminating Malaria from Haiti. Reinventing DNA to Eradicate Endemic Parasites	\$147,115
2016	UNIVERSITY OF FLORIDA	FL	R01AI126357	Cholera transmission and evolution in Port-au-Prince, Haiti	\$1,134,286
2016	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$511,777
2016	UNIVERSITY OF FLORIDA	FL	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$239,308
2016	UNIVERSITY OF FLORIDA	FL	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	\$375,000
2016	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$360,403
2016	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$48,576
2016	UNIVERSITY OF FLORIDA	FL	R01AI114703	LINKING ANTIGENIC & GENETIC VARIATION OF DENGUE TO INDIVIDUAL AND POPULATION RISK	\$755,921
2016	UNIVERSITY OF FLORIDA	FL	R21AI115218	The Leishmania parasitophorous vacuole proteome	\$181,740
2016	UNIVERSITY OF MIAMI	FL	R01AI127347	Immunity and HIV persistence in perinatal HIV infection	\$645,538

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2016	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R03AI127205	The risk of HIV seroconversion following an HPV infection among men	\$85,854
2016	ISENSE LLC	FL	SB1AI094781	Rapid Identification of Pathogenic Bacteria in Blood causing Sepsis	\$998,515
2016	UNIVERSITY OF FLORIDA	FL	R01AI121430	Rapid Identification of Optimal Combination Regimens for Pseudomonas aeruginosa	\$751,274
2016	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$366,600
2016	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$3,480,971
2016	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$2,513,855
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$371,250
2016	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$387,500
2016	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$470,570
2016	EMORY UNIVERSITY	GA	R01AI111557	Adjuvants for Skin Immunization: Discovery and Mechanisms	\$785,860
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106307	Mechanism of Paramyxovirus Replication	\$571,779
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108222	Calcium signaling in Trypanosoma brucei	\$375,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI116186	In vivo vaccine-driven evolution in Bordetella pertussis	\$222,294
2016	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,910,650
2016	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$1,591,719
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119879	Rethinking the barrier: How a Gram-negative bacterium alters its surface to become multidrug resistant	\$187,500
2016	EMORY UNIVERSITY	GA	R01AI116933	Host-induced Initiation of Clostridium difficile Sporulation	\$387,621
2016	EMORY UNIVERSITY	GA	R01AI112723	Understanding disparities in effective HIV treatment and prevention: Involvement+	\$768,729
2016	EMORY UNIVERSITY	GA	R01AI110680	Skin Vaccination Against Influenza in the Young And Aged	\$674,916
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119196	Identification and Hit-to-Lead Development of Influenza A Virus Inhibitors	\$199,226
2016	EMORY UNIVERSITY	GA	UH2AI122320	Development of Gleevec for TB and TB/HIV	\$599,999
2016	EMORY UNIVERSITY	GA	K08AI119448	Immune Correlates of Protection form Rift Valley Fever Virus	\$175,111
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R21AI124056	Diversity of intraepithelial CD8aa T cells that recognize antigens from commensal flora	\$228,000

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2016	EMORY UNIVERSITY	GA	R56AI083366	Modulation of Host Responses by Mycobacterium tuberculosis	\$541,546
2016	EMORY UNIVERSITY	GA	R01AI125268	Impact of selective genome packaging on influenza A virus reassortment	\$387,459
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI101047	Novel Influenza nano vaccines for broad cross protection	\$597,227
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI129873	Development of high-throughput workflow for glycosphingolipid analysis and annotation	\$327,375
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$312,750
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$386,193
2016	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$946,499
2016	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$813,556
2016	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$1,721,973
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$726,333
2016	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$179,631
2016	EMORY UNIVERSITY	GA	R33AI098800	ArmR: a novel drug target and mediator of antibiotic resistance	\$523,188
2016	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$440,747
2016	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$771,330
2016	EMORY UNIVERSITY	GA	F31AI114250	The Role of 2B4 Coinhibition in Transplantation and Immunity	\$43,576
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K22AI104800	Characterization of the arenavirus glycoprotein complex and mechanism of fusion	\$108,000
2016	EMORY UNIVERSITY	GA	R21AI121684	Polymeric Agents for the Treatment of Clostridium difficile Infections	\$200,490
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI115339	R03 - Resolution of genome duplications in Toxoplasma gondii	\$75,000
2016	EMORY UNIVERSITY	GA	R01AI121252	Understanding Survival of Human Bone Marrow Long-Lived Plasma Cells	\$390,000
2016	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$460,475
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI124692	Mechanisms of persistence in Trypanosoma cruzi infection	\$375,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI123383	Molecular Mechanisms for Carbohydrate Presentation to CD4+ T cells by MHCII Pathway	\$375,000
2016	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$440,000
2016	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$2,899,511

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$593,879
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$334,125
2016	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$2,052,913
2016	EMORY UNIVERSITY	GA	U24AI120134	Development of multi-modal single-cell technology to dissect epitope specificity to HIV	\$392,441
2016	EMORY UNIVERSITY	GA	R21AI115018	Role of MHV68 v-cyclin in virus egress	\$195,000
2016	EMORY UNIVERSITY	GA	R01AI110720	QUANTIFYING THE BALANCE BETWEEN VACCINE-INDUCED T CELL PROTECTION AND PATHOLOGY	\$387,000
2016	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$858,361
2016	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$173,842
2016	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$377,162
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI110098	Human Airway Colonization by Mycoplasma pneumoniae	\$389,125
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$3,335,737
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119366	LAIV Inducing Cross Protection	\$227,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI120203	Streamlined Genotyping for HIV-1 Recombinants	\$75,000
2016	EMORY UNIVERSITY	GA	R01AI118853	Innate activation and death signals in health and disease	\$574,409
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI125899	Trafficking of parasitic nematode ion channels	\$225,000
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	F31AI120487	Function of IRF8 in MDSC and T Cell Differentiation	\$37,391
2016	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$502,511
2016	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,627,401
2016	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$387,500
2016	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$3,178,141
2016	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$441,334
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$308,078

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2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$1,904,609
2016	EMORY UNIVERSITY	GA	R01AI111851	Targeting neutralizing epitopes in the MPER of HIV Env	\$649,613
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106839	Regulating neutrophil response during chronic inflammation through SIRPa alterati	\$420,703
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110849	DEVELOPING A NOVEL VIRAL VECTOR FOR A HUMAN MALARIA VACCINE	\$225,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F31AI120636	Annotation and Comparative Genomic Analysis of Cryptosporidium baileyi	\$29,494
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI114654	High-throughput screen for inhibitors of Marburg virus VP24-Keap 1	\$392,625
2016	EMORY UNIVERSITY	GA	F31AI115968	The role of NA in virus receptor interaction and HA:NA functional balance	\$43,576
2016	GEOVAX INC	GA	R43AI120887	Directed Lineage Immunizations for Eliciting Broadly Neutralizing Antibody	\$294,038
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119903	KPT-335 as novel therapeutic for respiratory syncytial virus	\$165,933
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI117102	Defining a RNA repair system conserved in pathogenic bacteria	\$187,500
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI116361	Novel Preventive HIV Vaccines	\$227,000
2016	EMORY UNIVERSITY	GA	R21AI112768	Population Dynamics of S. pneumoniae vaccine serotypes on human pharyngeal cells	\$195,000
2016	EMORY UNIVERSITY	GA	R01AI125064	Antiviral role of CD8+ T cells in ART-treated SIV-infected macaques	\$800,953
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI124518	Exploring TrpB in the pathogenesis of cryptosporidiosis	\$56,118
2016	EMORY UNIVERSITY	GA	R01AI123126	Integrin-dependent modulation of macrophage function	\$390,000
2016	EMORY UNIVERSITY	GA	K23AI124913	Defining Antiretroviral Pharmacology Within HIV-1 Reservoirs of Males and Females	\$187,812
2016	EMORY UNIVERSITY	GA	F31AI122926	The Impact of HIV-1 Transmitted/Founder Virus on the Viral Reservoir	\$43,576
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI121181	Inhibiting hydrogen-dependent pathogen growth via nickel chelation	\$187,500
2016	EMORY UNIVERSITY	GA	R01AI126322	Optimizing Strategies to Overcome Kidney Xenograft Rejection	\$939,889
2016	EMORY UNIVERSITY	GA	F30AI124568	Relevance of Tracts of Framework Mutations in IgM Plasma Cells	\$48,576
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI125738	Multiplex treatment outcomes test for Chagas disease	\$1,127,868
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$170,463

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2016	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$402,672
2016	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$385,800
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	\$371,250
2016	EMORY UNIVERSITY	GA	U19AI109633	CD40L adjuvanted clade C DNA and MVA HIV vaccines	\$2,431,541
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103267	Coordinated stationary phase control of Campylobacter motility and biofilm	\$300,000
2016	EMORY UNIVERSITY	GA	K23AI114407	Characterization and modulation of mucosal immunity for HIV prevention in women	\$174,036
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI112427	Genetic Analysis of Cryptosporidium	\$372,500
2016	EMORY UNIVERSITY	GA	R01AI113021	Regulation of PD-1 gene expression	\$386,850
2016	EMORY UNIVERSITY	GA	F31AI112261	Epigenetic Programming of B cell Terminal Differentiation	\$43,576
2016	EMORY UNIVERSITY	GA	R33AI102197	NOX1 and NOX2 as Therapeutic Targets in Influenza	\$450,968
2016	EMORY UNIVERSITY	GA	R21AI113485	Identifying host genetic determinants that regulate dendritic cell activation	\$215,331
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI103140	The antifilarial activity of ivermectin and diethylcarbamazine	\$375,000
2016	EMORY UNIVERSITY	GA	R33AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$521,665
2016	EMORY UNIVERSITY	GA	R01AI116379	Immune based interventions for HIV eradication	\$877,752
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI122180	A pilot forward genetic screen for genes affecting thymus involution	\$225,000
2016	EMORY UNIVERSITY	GA	F31AI124611	The role of APC's in the establishment of lung tissue resident memory T Cells	\$43,576
2016	GEOVAX INC	GA	R44AI106422	Enhancing protective antibody responses for a DNA/MVA HIV vaccine	\$740,456
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$375,000
2016	EMORY UNIVERSITY	GA	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$404,051
2016	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$126,909
2016	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$446,250
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$371,250
2016	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	\$447,260
2016	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$869,119
2016	EMORY UNIVERSITY	GA	K23AI116388	A Geospatial Approach to Target HIV-Infected Populations Poorly Engaged in Care	\$174,042

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	\$619,306
2016	EMORY UNIVERSITY	GA	R21AI118542	Experimental depletion of plasmacytoid dendritic cells in SIV infection	\$168,698
2016	EMORY UNIVERSITY	GA	F31AI122973	Delay Discounting and HIV Sexual Risk Behavior in Men who Have Sex with Men	\$43,576
2016	EMORY UNIVERSITY	GA	R01AI123733	Epigenetic Regulation of Plasma Cells Differentiation	\$387,281
2016	EMORY UNIVERSITY	GA	R21AI126816	Biogenesis of IL-1a in inflammatory process	\$195,000
2016	EMORY UNIVERSITY	GA	R01AI125405	Impact of eliminating nonmedical exemptions in California	\$739,056
2016	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$785,845
2016	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$820,677
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI121151	Antigenic specificities of intestinal CD4+Foxp3+ T cells	\$380,000
2016	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$464,653
2016	EMORY UNIVERSITY	GA	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$387,900
2016	GEORGIA TECH RESEARCH CORPORATION	GA	U01AI124270	Effect of presentation methods on the molecular mechanism of combinatorial adjuvants	\$548,711
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$371,250
2016	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103347	Engineering DNA nanoparticles to create immune tolerance	\$375,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI111242	PATHWAYS TO TROPHOBLAST CELL DEATH IN PLACENTAL MALARIA	\$187,500
2016	EMORY UNIVERSITY	GA	R21AI115183	Phase variable control of Acinetobacter baumannii virulence	\$159,193
2016	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic E.coli	\$131,009
2016	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$180,360
2016	EMORY UNIVERSITY	GA	R01AI110474	Study Designs for Estimating the Effectiveness of Vaccination Against Influenza	\$273,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R33AI102254	Targeting Host and Apicomplexan Isoprenoid Pathways	\$434,750
2016	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$452,097
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI107663	Pathogenesis of Trypanosoma cruzi infection	\$375,000
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI102532	Epigenetic factors regulate RNA polymerase II transcription Trypanosoma brucei	\$58,002

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2016	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	\$187,448
2016	EMORY UNIVERSITY	GA	R21AI117162	Targeting an immunomodulatory protease for adjunctive tuberculosis chemotherapy	\$227,647
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R33AI100246	Development of Point-of-Care Diagnostics for Norovirus	\$409,551
2016	EMORY UNIVERSITY	GA	R21AI113385	Respiratory Syncytial Virus G proteins to improve safety/efficacy of vaccines	\$188,625
2016	INHIBIKASE THERAPEUTICS LLC	GA	R44AI103982	Advanced PML antiviral	\$787,776
2016	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI119625	Molecular basis of the differential expression of the VieSAB regulatory system n Vibrio cholerae biotypes	\$177,500
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI118733	Development of CRISPR/Cas system for study of trans-sialidase family genes in T. cruzi	\$187,500
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI124228	Generation of reference genomes for Trypanosoma cruzi using PacBio sequencing	\$75,000
2016	EMORY UNIVERSITY	GA	R21AI122001	A Clinical Pharmacology Study of a Novel Drug Regimen for Pre XDR and XDR Tuberculosis	\$175,595
2016	EMORY UNIVERSITY	GA	R01AI124680	T cell compartmentalization and antiviral response	\$641,320
2016	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$356,711
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$364,182
2016	EMORY UNIVERSITY	GA	UM1AI124436	B and T Cell Biology of Protection from and Eradication of SIV/SHIV Infection	\$7,373,895
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$375,000
2016	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$387,500
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	\$399,786
2016	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$592,500
2016	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$385,800
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$410,437
2016	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$378,295
2016	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$400,993
2016	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$1,420,339
2016	EMORY UNIVERSITY	GA	K01AI106961	A Practice-Provider-Parent-Adolescent intervention to increase HPV vaccination	\$123,440
2016	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$375,000

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2016	EMORY UNIVERSITY	GA	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	\$715,150
2016	EMORY UNIVERSITY	GA	U01AI115651	Dengue Virus Infection in India	\$1,073,021
2016	EMORY UNIVERSITY	GA	R21AI117459	Novel DC targeted adenovirus vector for malaria vaccine development	\$271,775
2016	EMORY UNIVERSITY	GA	R21AI121860	Genomics-based prediction of antibiotic failure in S. aureus infections	\$234,000
2016	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$606,664
2016	EMORY UNIVERSITY	GA	P01AI125180	Plasma Cells in Health and Disease	\$2,084,461
2016	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI126897	IMMUNITY TO CHLAMYDIA ABORTUS	\$433,314
2016	UNIVERSITY OF HAWAII	HI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$425,870
2016	UNIVERSITY OF HAWAII	HI	R21AI109449	Immunity to Placental Malaria: Persistence of Antibodies to VAR2CSA	\$158,481
2016	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI118017	Cross-Protective Multivalent Vaccine for Tick-Borne Flaviviruses	\$956,757
2016	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$146,161
2016	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,569,436
2016	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R43AI120388	Chikungunya Recombinant Subunit Vaccine	\$300,000
2016	UNIVERSITY OF HAWAII	HI	R21AI109293	Role of the alternative ribosomes in Mycobacterium tuberculosis adaptation	\$212,250
2016	UNIVERSITY OF HAWAII	HI	R01AI119185	Defining a Protective Ebola Vaccine in Non-Human Primates	\$492,487
2016	UNIVERSITY OF HAWAII	HI	R01AI110769	Mature virus-like particles as a new strategy for dengue virus vaccines	\$307,500
2016	UNIVERSITY OF HAWAII	HI	R21AI122393	Reversal of Adaptive Immune Dysfunction in Shock and Kill HIV Cure Strategies	\$244,645
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R13AI123007	Vaccines Against Antigenically Variable Viruses Symposium	\$7,500
2016	UNIVERSITY OF IOWA	IA	F30AI120567	The role of inflammasomes in bacterial co-infection during cutaneous leishmaniasis	\$28,949
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114720	Identification of genetic determinants that condition flaviviral host specificity	\$370,130
2016	UNIVERSITY OF IOWA	IA	R56AI055042	Regulation of Pseudomonas aeruginosa type III secretion	\$339,462
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI121831	Eating worms: an unusual nicotinic acetylcholine receptor from the nematode pharynx as a potential drug target	\$210,355
2016	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$230,388

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2016	UNIVERSITY OF IOWA	IA	R21AI115149	Epigenomic landscape in naive, effector, and memory CD8 T cells	\$190,313
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114629	Structure and mechanism of the AbgT-family transporters	\$363,915
2016	UNIVERSITY OF IOWA	IA	R01AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$174,740
2016	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$378,750
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$366,926
2016	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$273,875
2016	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$171,647
2016	UNIVERSITY OF IOWA	IA	T32AI007485	Predocctoral Training Program in Immunology	\$197,576
2016	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$378,326
2016	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$377,500
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI111466	Enhanced Shelf-life Nanovaccine Formulation for Immunity to Biodefense Pathogens	\$346,838
2016	DES MOINES UNIVERSITY	IA	R15AI117474	Macrophage polarization by C1q and related molecules	\$453,000
2016	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$377,500
2016	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$423,281
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI106329	Isolating aptamers to viral surface epitopes	\$182,403
2016	UNIVERSITY OF IOWA	IA	R01AI123107	Molecular regulation of T cell activation signals by TRAF3	\$379,687
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123678	Characterization of parasitic nematode exosomal microRNAs and their role in the host-parasite interface	\$234,437
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI123266	Development of a vaccine strategy using antibody-complexed antigens	\$220,422
2016	UNIVERSITY OF IOWA	IA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$37,500
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$359,054
2016	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$377,500
2016	APTALOGIC INC	IA	R43AI118139	Detecting Ebola Virus Infections	\$330,352
2016	UNIVERSITY OF IOWA	IA	R01AI112579	Tcf/Lef-b-catenin in T cell identity and cancer	\$380,000
2016	UNIVERSITY OF IOWA	IA	R21AI117379	Synthesis and Evaluation of Zwitterionic Carbohydrate Immunostimulants	\$186,583
2016	UNIVERSITY OF IOWA	IA	R21AI123616	Understanding Ebola virus replication and spread in skin	\$228,000

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2016	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$562,607
2016	UNIVERSITY OF IOWA	IA	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	\$377,500
2016	UNIVERSITY OF IOWA	IA	R21AI113748	A new pathway for azole resistance in Aspergillus fumigatus	\$178,923
2016	UNIVERSITY OF IOWA	IA	R21AI119163	CD40 as a regulator of CD8 T cell activation in obesity and adipose tissue inflammation	\$189,843
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$484,465
2016	UNIVERSITY OF IOWA	IA	R21AI121576	Regulation of toxin gene expression in Clostridium difficile	\$189,317
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$92,567
2016	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$447,663
2016	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign-body infections	\$389,556
2016	UNIVERSITY OF IOWA	IA	R01AI097264	Post-transcriptional regulation of Pseudomonas virulence gene expression	\$362,726
2016	UNIVERSITY OF IOWA	IA	R01AI108255	Lysine Acetylation in N. gonorrhoeae Quorum Sensing and Biofilm Formation	\$808,735
2016	UNIVERSITY OF IOWA	IA	R01AI121567	Immune Dysregulation During Multiple Sclerosis Relapse	\$731,251
2016	UNIVERSITY OF IOWA	IA	R01AI129269	Role of eicosanoids in pathogenic human CoV infections	\$545,235
2016	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$81,679
2016	UNIVERSITY OF IOWA	IA	R21AI119160	Molecular mechanisms controlling differentiation of memory CD8 T cells	\$189,059
2016	UNIVERSITY OF IOWA	IA	R03AI125824	Mechanisms of Tissue-Specific Autoimmunity in the Elderly	\$76,187
2016	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI117204	Exploring the Structure and Function of Parasitic Nematode Exosomes	\$220,181
2016	UNIVERSITY OF IOWA	IA	R01AI121080	Tcf/Lef and B-catenin pathway in follicular helper T cells	\$389,191
2016	UNIVERSITY OF IOWA	IA	R01AI116546	Consequences of interactions between human neutrophils and Staphylococcus aureus	\$380,000
2016	IDAHO STATE UNIVERSITY	ID	R21AI126755	Investigation of the FAS-II enzyme, FabK, as a druggable target for C. difficile	\$191,897
2016	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$447,050
2016	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$366,600
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI115954	Functional analyses of a Listeria secretion chaperone essential for virulence	\$58,002

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2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$684,410
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$399,750
2016	UNIVERSITY OF CHICAGO	IL	R01AI115471	Gamma Delta T cell surveillance of metabolites as signals of cellular stress	\$389,432
2016	NORTHWESTERN UNIVERSITY	IL	UM1AI120184	Sustained Long Acting Prevention Against HIV Program Operation	\$3,907,549
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI121279	Targeting CCR5 Incorporated Into Virus Like Particles	\$199,875
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122202	Bacillus anthracis egress from infected macrophages	\$198,250
2016	UNIVERSITY OF CHICAGO	IL	R33AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	\$508,217
2016	UNIVERSITY OF CHICAGO	IL	R21AI119894	Analysis of the role of immune deficiency in E2A-/- T cell lymphomagenesis	\$227,372
2016	ILLINOIS STATE UNIVERSITY	IL	F31AI112288	Characteristics of the larval habitat and the spread of invasive disease vectors	\$42,322
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI110586	Commensal Exopolysaccharide Protection from Inflammation	\$472,687
2016	NORTHWESTERN UNIVERSITY	IL	R03AI126090	Ethical and Sociocultural Implications of Genetic Testing in Transplantation	\$78,126
2016	UNIVERSITY OF CHICAGO	IL	R01AI117535	New retroviral restriction factor	\$659,848
2016	UNIVERSITY OF CHICAGO	IL	R01AI126756	Biochemical and cellular analysis of regulatory T cells reactive to a natural self antigen	\$684,530
2016	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Pseudomonas aeruginosa	\$100,048
2016	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus aureus	\$395,000
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$181,175
2016	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$334,083
2016	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI123381	Characterizing the targets of phagocytic superoxide in Salmonella	\$375,170
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery	\$415,149
2016	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$158,418
2016	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,139,861
2016	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$517,000
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	\$48,576
2016	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	\$623,433
2016	UNIVERSITY OF CHICAGO	IL	R01AI108682	How beta-catenin expands Foxp3+RORgammat+ Pro-inflammatory T-regulatory cells	\$451,561

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2016	UNIVERSITY OF CHICAGO	IL	R00AI106941	Recognition of cross-reactive antigens by human CD4+ T cells	\$248,400
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112298	A structural characterization of the peptide-receptive state of MHC class I	\$199,875
2016	NORTHWESTERN UNIVERSITY	IL	R21AI120492	Role of CTCF in HPV replication and viral DNA looping	\$224,046
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI110685	Molecular dissection of Pseudomonas aeruginosa Exotoxin T virulence functions	\$193,750
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI118434	Bacterial toxin-inspired drug delivery (BTIDD) platforms against latent HIV	\$189,319
2016	NORTHSHORE UNIVERSITY HEALTHSYSTEM	IL	R21AI116659	Detection of Host Response In Clostridium Difficile Infection	\$193,000
2016	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$255,990
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121286	Chromatin infrastructure of the Igh locus and its influence on VH gene usage	\$866,303
2016	MIDWESTERN UNIVERSITY	IL	R21AI117437	Isolation of novel rodent chlamydiae	\$236,244
2016	NORTHWESTERN UNIVERSITY	IL	R21AI119137	Probing the Functions of KLF2 Downregulation	\$231,750
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125401	Developmental regulation of HBV biosynthesis by FoxA and DNA methylation	\$399,708
2016	NORTHWESTERN UNIVERSITY	IL	R01AI125171	Harnessing MUC16-IgG Interactions to Enhance HIV Vaccine Function	\$601,219
2016	NORTHWESTERN UNIVERSITY	IL	R21AI121836	Discovery and validation of avermectin resistance loci in free-living and parasitic nematodes	\$238,327
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	\$155,000
2016	UNIVERSITY OF CHICAGO	IL	R01AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$389,432
2016	UNIVERSITY OF CHICAGO	IL	F31AI118375	Rare-variant analysis to validate HIV-target genes affecting human HIV-response	\$42,340
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI121275	Role of DNA sensors in host anti-retroviral defense	\$392,434
2016	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$384,624
2016	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$389,432
2016	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$418,721
2016	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$346,024
2016	NORTHWESTERN UNIVERSITY	IL	R01AI120625	Molecular Regulation of Systemic Inflammation	\$386,250
2016	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$1,491,481
2016	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	\$423,783
2016	UNIVERSITY OF CHICAGO	IL	R21AI115683	Diet and microbiota in type 1 diabetes	\$237,000
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$380,958
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$539,150

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2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI115092	Deciphering how bacterial pheromone signaling enhances Listeria virulence	\$239,750
2016	UNIVERSITY OF CHICAGO	IL	F30AI110036	Assembly of the envelope of Bacillus anthracis vegetative forms	\$42,910
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	\$177,751
2016	NORTHWESTERN UNIVERSITY	IL	R01AI108634	The roles of Synoviolin in immune tolerance and autoimmunity	\$379,464
2016	UNIVERSITY OF CHICAGO	IL	R21AI115388	ETS1 function in mature innate lymphoid cells	\$232,940
2016	NORTHWESTERN UNIVERSITY	IL	F32AI116044	A surface-exposed region of the UL37 protein that is essential for alphaherpesvirus neuroinvasion	\$54,294
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI120746	Screening for modulators of Tat positive feedback for biasing HIV latency	\$104,230
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI122019	Development of genetic systems for human-associated methanogens	\$189,187
2016	UNIVERSITY OF CHICAGO	IL	R21AI126031	Human Lung T cell subsets in Disease	\$237,000
2016	UNIVERSITY OF CHICAGO	IL	R21AI118998	Public health targeting of PrEP at HIV positives' bridging networks	\$181,759
2016	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI126971	4-(Aminomethyl) benzamides as novel anti-Ebola agents	\$363,601
2016	NORTHWESTERN UNIVERSITY	IL	K22AI118421	Development of Immune-Modulated HIV Vaccines	\$162,000
2016	UNIVERSITY OF CHICAGO	IL	R01AI120715	Regulation of Ig-kappa recombination during B lymphopoiesis	\$461,851
2016	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI110783	Role of neutrophils and elastase in melioidosis	\$387,999
2016	UNIVERSITY OF CHICAGO	IL	U01AI125250	Specificity of Intestinal Immunoglobulin A	\$501,733
2016	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$389,432
2016	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$508,411
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$454,873
2016	NORTHWESTERN UNIVERSITY	IL	R21AI117238	Group 1 CD1-restricted Autoreactive T cells in Inflammatory Disease	\$186,081
2016	NORTHWESTERN UNIVERSITY	IL	P30AI117943	Third Coast Center for AIDS Research	\$1,974,259
2016	SOUTHERN ILLINOIS UNIVERSITY, SCHOOL OF MEDICINE	IL	K22AI110413	Characterization of a novel quorum quenching protein produced by S aureus	\$107,411
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117080	Antimicrobial activity of pH-activated polypeptides toward H. pylori	\$237,900
2016	UNIVERSITY OF CHICAGO	IL	F30AI124476	Specificity of Intestinal Immunoglobulin A	\$48,576
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI123640	Dual Roles for the Salmonella SPI-2 Regulator SsrB	\$222,678
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI121774	Establishing HSV specific memory CD8+ T cells in the female reproductive tract	\$232,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	NORTHWESTERN UNIVERSITY	IL	R13AI122959	HIV Research for Prevention 2016: Vaccine, Microbicide and ARV-based Prevention Science (HIV R4P)	\$1,565,429
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R13AI126805	The 23rd Annual Midwest Microbial Pathogenesis Conference	\$8,000
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI115171	Exploring HCV infection in engineered cultures of iPSC-derived human liver cells	\$79,921
2016	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$386,250
2016	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$258,517
2016	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$377,584
2016	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$389,432
2016	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$386,250
2016	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$375,899
2016	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$150,000
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$515,411
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI105664	Bacillus-containing vacuole-mediated interactions of Bacillus anthracis with macrophages	\$237,900
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R33AI101504	Neuronal-specific cargo-delivery platforms as post-exposure botulism therapies	\$382,659
2016	NORTHWESTERN UNIVERSITY	IL	R01AI105839	Regulation of food allergy and anaphylaxis by IL 33	\$386,250
2016	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$434,219
2016	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$386,250
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI110080	Identifying Patterns of Specificity and Promiscuity in the ComRS Intercellular Si	\$48,576
2016	UNIVERSITY OF CHICAGO	IL	R01AI108643	A common hematopoietic precursor to innate lymphoid cells	\$383,864
2016	UNIVERSITY OF CHICAGO	IL	R21AI118509	TRIM protein-mediated innate immune control of KSHV infection	\$237,000
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI114611	Small molecule inhibitors of adenovirus-induced downregulation of MHC I	\$75,784
2016	NORTHWESTERN UNIVERSITY	IL	F30AI116106	A Development-Specific Mechanism of Pathogenesis in HSV Encephalitis	\$48,576
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112755	Role of TBK1 in HSV persistency	\$199,875
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI122925	Photonic Crystal Based Point-of-Care Detection of HIV Viral Load Using a Smartphone Biosensor	\$42,009

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2016	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R21AI124037	Polyphosphate Loaded Nanoparticles for Suppression of Gut Pathogen Collagenase Activity and Promotion of Post-Surgical Intestinal Healing	\$193,410
2016	EDEN PARK ILLUMINATION, INC.	IL	R41AI125006	Monochromatic 222 nm UV light: Development of a safe, cost-effective technology for the efficient reduction of bacterial and viral infection and transmission	\$149,999
2016	UNIVERSITY OF CHICAGO	IL	R21AI121891	Calcium dynamics and Legionella infection	\$237,000
2016	ILLINOIS STATE UNIVERSITY	IL	R15AI124005	Quantitative assessment of density dependence and compensation in container mosquitoes	\$435,000
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI116588	Defining novel mechanisms of influenza virus gene regulation	\$159,600
2016	NORTHWESTERN UNIVERSITY	IL	R21AI111018	Post-transcriptional regulation of Crp in Yersinia pestis	\$224,133
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI125518	Context-specific action of antibiotics targeting the catalytic center of the bacterial ribosome	\$399,750
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI118880	Overcoming nutritional immunity: Staphylococcal adaptation to host-imposed manganese and zinc starvation	\$373,843
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120994	Staphylococcus aureus Survival During Nutrient Restriction and Suppression of Host Immunity	\$364,666
2016	MIDWESTERN UNIVERSITY	IL	R15AI101920	MECHANISM(S) OF CD8 T CELL-MEDIATED CHLAMYDIA-INDUCED REPRODUCTIVE PATHOLOGY	\$450,000
2016	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,209,223
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$334,490
2016	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$251,645
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$399,500
2016	UNIVERSITY OF CHICAGO	IL	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$389,432
2016	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$390,000
2016	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	\$36,252
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI119618	Attenuated HSV for Vaccine Development	\$239,813
2016	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$850,201
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI110047	Determining the role of dialog between pathogenic streptococci in biofilm develop	\$56,118
2016	NORTHWESTERN UNIVERSITY	IL	R01AI112911	Mechanisms of MCMV reactivation in immunodeficient transplant recipients	\$442,961
2016	NORTHWESTERN UNIVERSITY	IL	R21AI115055	Novel asthma pathogenesis genes in the mucosa of the human airways	\$193,125

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2016	UNIVERSITY OF CHICAGO	IL	R21AI119725	Safe and universal live-attenuated plague vaccine	\$197,500
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120956	Defining the microtubule motors which drive the uncoating and trafficking of HIV	\$310,504
2016	UNIVERSITY OF CHICAGO	IL	R21AI119297	Pan-Influenza virus inhibitors: Small molecules that disrupt host ADARI-viral NS1 interactions	\$193,309
2016	SAHANE BIOTECH, INC.	IL	R41AI125039	A chimeric protein for the selective expansion of regulatory T cells	\$260,665
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI119602	Identification of cellular factors that mediate HCV cell-to-cell spread	\$75,500
2016	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117497	Intracellular trafficking of the mitochondrial targeting toxin VacA from Helicobacter pylori	\$228,968
2016	UNIVERSITY OF CHICAGO	IL	R01AI127774	Flavivirus NS3-mediated Innate Immune Escape	\$527,164
2016	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$386,250
2016	NORTHWESTERN UNIVERSITY	IL	R01AI118257	Accessory Virulence Factors of Pseudomonas aeruginosa	\$444,562
2016	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$386,250
2016	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$371,120
2016	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$386,250
2016	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$297,128
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$544,109
2016	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$253,327
2016	UNIVERSITY OF CHICAGO	IL	R01AI107159	Molecular mechanism of general stress signaling in Brucella abortus	\$439,768
2016	NORTHWESTERN UNIVERSITY	IL	F32AI114130	Mechanism of Action of Stenotrophomonas maltophilia proteases	\$62,502
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI107516	G-BMDC-induced Treg mediated suppression of Type 1 Diabetes in NOD mice	\$399,750
2016	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$2,213,488
2016	UNIVERSITY OF CHICAGO	IL	R21AI117593	Unexpected parallels between SaPI replication initiators and conserved SCC ORFs	\$197,500
2016	UNIVERSITY OF CHICAGO	IL	R01AI120700	Accelerating PrEP Diffusion through Network Change Agents	\$603,745
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$622,872
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI115208	Deorphanization of Schistosome Cytochrome P450	\$232,500
2016	CHICAGO BIOSOLUTIONS, INC.	IL	R41AI127031	4-Aminopiperidines as novel anti-influenza agents	\$242,913

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2016	UNIVERSITY OF CHICAGO	IL	R01AI123359	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$378,932
2016	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$507,585
2016	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$386,250
2016	UNIVERSITY OF CHICAGO	IL	R21AI115308	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$197,500
2016	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$128,957
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$398,750
2016	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$735,377
2016	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI115238	Development of gene inactivation methods for Chlamydia spp.	\$184,375
2016	NORTHWESTERN UNIVERSITY	IL	R21AI117082	Virulence Mechanisms of the Emerging Pathogen Stenotrophomonas maltophilia	\$186,081
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI116441	EVALUATION OF A LYMPHATIC FILARIASIS VACCINE IN NON-HUMAN PRIMATES	\$619,809
2016	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI117687	Characterization of chromatin loops responsible for Igh locus contraction	\$199,833
2016	NORTHWESTERN UNIVERSITY	IL	R21AI120618	A novel mouse model to monitor inflammasome activation in vivo	\$193,125
2016	UNIVERSITY OF CHICAGO	IL	R21AI115203	Regulation of stress resistance and virulence genes in Acinetobacter baumannii	\$191,932
2016	UNIVERSITY OF CHICAGO	IL	R21AI120010	Direct visualization of serial engagement by T cell receptors	\$232,043
2016	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI114688	Genomic Epidemiology of Methicillin-Resistant Staphylococcus aureus in Jail	\$379,772
2016	UNIVERSITY OF CHICAGO	IL	R21AI121915	Genetic Basis for Sensitivity of Neonates to Retroviruses	\$237,000
2016	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	K23AI123525	Optimizing the diagnosis of pediatric Clostridium difficile infection	\$176,472
2016	NORTHWESTERN UNIVERSITY	IL	R01AI114824	Modeling concurrent cytomegalovirus infection and transplantation tolerance	\$270,375
2016	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,933,959
2016	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$741,213
2016	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	R01AI122308	Feasibility of an Ingestible Sensor System to Measure PrEP Adherence in YMSM	\$465,618
2016	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$2,308,239

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2016	UNIVERSITY OF CHICAGO	IL	R01AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$389,432
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	K22AI118863	Vibrio cholerae-chitin interactions and their role in cholera transmission and evolution	\$161,032
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121664	Development of anti-virulence drugs by targeting the SaeRS two component system of Staphylococcus aureus	\$207,768
2016	TECHSHOT INC	IN	R44AI096572	Electrical System for Rapidly Detecting Viable Bacteria in Blood Culture	\$936,396
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI108393	Dissecting the role of Toxoplasma CDPK3 in parasite propagation and virulence	\$234,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI112844	IRF4 and immunity to influenza infection	\$397,525
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104944	The role of TLR3 signaling in Chlamydia caused urogenital pathology	\$385,091
2016	PURDUE UNIVERSITY	IN	R01AI121302	Homing of Functionally Distinct ILC Subsets	\$379,036
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI125822	Elucidating new and old roles for autophagy-like proteins in Toxoplasma gondii	\$232,600
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	UH2AI128894	Age-Related Differences in Response to Radiation and Medical Countermeasures	\$52,081
2016	UNIVERSITY OF NOTRE DAME	IN	R21AI121985	Stress induction of a cellular immune response in Drosophila	\$231,750
2016	PURDUE UNIVERSITY	IN	R21AI117205	The Response of Mitochondria to Legionella Infection of Macrophages	\$226,857
2016	PURDUE UNIVERSITY	IN	R01AI114814	Emerging virus-host cell protein interaction networks	\$734,925
2016	UNIVERSITY OF NOTRE DAME	IN	R21AI125765	Visual Inputs in Mosquito Behaviors	\$193,125
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$373,200
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$494,149
2016	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$638,825
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$380,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI114435	The HIV Care Continuum Among Recent Offenders	\$531,285
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI119516	Calcium signaling in the parasitophorous vacuole of Toxoplasma gondii	\$268,290
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R33AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$386,436
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117145	Cis-regulatory element discovery in a sequenced mosquito genome	\$195,000
2016	Medosome Biotec, LLC	IN	R41AI122735	Development of Optimized AAV Serotype Vectors for Human Gene Therapy	\$294,094
2016	PURDUE UNIVERSITY	IN	R01AI011219	Structure and Function of Icosahedral Viruses	\$481,534

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2016	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$397,429
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$463,320
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$183,244
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$418,977
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$455,336
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121450	Analyses of Host Proteins Regulating Alphavirus Genome Function	\$229,888
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI110990	LTB4 and the control of methicilin resistant Staphylococcus aureus infection	\$78,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI117835	Targeting latently infected Tfh cells to achieving a functional cure of HIV-1	\$386,194
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI110773	FOXP3 Regulates RNA Alternative Splicing in Tregs	\$234,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110762	Molecular Mechanisms of HBV cccDNA Formation	\$381,600
2016	PURDUE UNIVERSITY	IN	R01AI123037	Continued Development and Maintenance of the MG-RAST Metagenomics Pipeline	\$775,775
2016	PURDUE UNIVERSITY	IN	R01AI095366	Rapid Generation of Vaccine Candidates Against Novel Wuhan Coronavirus (SARS-CoV-2) Using the Bacteriophage T4 Nanoparticle Platform	\$642,306
2016	PURDUE UNIVERSITY	IN	F32AI106149	Structural investigations of the alphaviral lifecycle	\$59,970
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	\$338,304
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI108888	Graph-centric approaches to metatranscriptomic and metaproteomic data analysis	\$339,365
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI123457	Dissecting the calcium dependent phosphorylation network of Toxoplasma gondii	\$511,761
2016	UNIVERSITY OF NOTRE DAME	IN	R21AI111286	A network-based method for predicting gene interactions in artemisinin resistance	\$190,000
2016	SUNNYLIFE PHARMA INC.	IN	R43AI122541	Structure-activity relationship of small molecule inhibitors of human papillomavirus E6 protein will be tested.	\$225,000
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designer covalent heterobivalent inhibitors to prevent IgE-dependent allergic reactions	\$344,200
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,784,700
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	\$563,007
2016	PURDUE UNIVERSITY	IN	R01AI111095	HBGA receptors in host cell entry and infection of norovirus	\$489,728
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$392,367

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2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	F30AI114284	Host Control of Viral Protein Function: Phosphorylation in the Papillomavirus E2	\$48,576
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117198	Cyclic di-GMP-dependent regulation of metabolism and virulence in <i>Borrelia burgdorferi</i>	\$187,750
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117380	Granzyme A-secreting T cells in allergic inflammation	\$234,000
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI114668	Resistance to Carbapenem Antibiotics in <i>Acinetobacter baumannii</i>	\$540,927
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI122127	Eosinophil activation in pulmonary aspergillosis	\$72,020
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI124723	Translational control during stage conversion of <i>Toxoplasma</i> , an opportunistic infection of HIV/AIDS	\$386,080
2016	Medosome Biotech, LLC	IN	R41AI122855	A method for accurate and sensitive detection of HIV drug-resistant minority variants	\$253,244
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120962	Antibacterial activity of peptidoglycan recognition proteins	\$390,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$390,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$211,651
2016	PURDUE UNIVERSITY	IN	K22AI113078	The role of BamA in the biogenesis of beta-barrel membrane proteins	\$108,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121841	A New System to Modulate Phosphatidylserine to Investigate Filovirus Budding	\$220,000
2016	UNIVERSITY OF NOTRE DAME	IN	R21AI123491	Elucidating the An. Funestus complex	\$241,939
2016	PURDUE UNIVERSITY	IN	R21AI121994	New mode-of-action chemistries for mosquito control	\$195,742
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$390,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI121197	Embryonic origin and self-renewal of B-1a cells	\$390,000
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116706	The role of the urethral microbiome in idiopathic urethritis in men	\$739,341
2016	UNIVERSITY OF NOTRE DAME	IN	F31AI115851	Discovery of a New Class of Antibacterials that Inhibits Penicillin-Binding Proteins	\$33,570
2016	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$581,696
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116496	The GCN5b acetylation complex in the AIDS pathogen <i>Toxoplasma</i>	\$385,800
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI119623	Regulation of Humoral Immunity by Tox	\$78,000
2016	PURDUE UNIVERSITY	IN	R21AI119479	Polysaccharide-based endotoxin antagonist for the treatment of sepsis	\$232,500
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI118933	Multimode Observation of Virus Capsid Assembly	\$452,808
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI120792	HIV Treatment Failure and Drug Resistance in Western Kenyan Children	\$752,300
2016	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$329,791
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$461,556
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$437,958

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI121786	Reprogramming of host cell cholesterol homeostasis by Coxiella burnetii	\$230,841
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI116548	The quinazolinone class of antibacterial agents	\$602,009
2016	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus aureus	\$425,919
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$444,574
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI113307	Assessment of serotype-independent immunity elicited by Shigella T3SS proteins.	\$375,000
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI112803	Study of Human Bocavirus Gene Expression for Development of a Parvoviral Vector	\$227,175
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$365,580
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI109039	Norovirus 3CL Protease-Based Anti-norovirus Therapeutics	\$734,295
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125093	Generating Native Env Glycosylation in HIV Vaccine Candidates	\$685,263
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI121729	Efficacy of a novel nanoparticle vaccine and nutrition during RSV infection	\$187,500
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI119544	Somatic Gene Therapy for Mosquitoes	\$219,000
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI122962	The role of APOBEC3 proteins in innate immune responses in developing thymocytes	\$229,500
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI121073	Mechanistic control of metabolism and virulence by fatty acid kinase in MRSA	\$394,925
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI115187	High-throughput fluorescence screening for inhibitors of TonB-dependent iron transport	\$150,000
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	\$365,000
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI125929	Transposon mutagenesis for Chlamydia trachomatis	\$222,316
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI125529	Chemical tools for perturbing iron homeostasis in P. aeruginosa	\$380,011
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R56AI121366	High-throughput assays for inhibitors of the Hsp100 molecular chaperones	\$387,500
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	\$441,044
2016	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$377,500
2016	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI123351	Assembly/function of the sorting platform of the Shigella type III secretion apparatus	\$454,369
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI111203	Inhibition of the Classical & Lectin Complement Pathways by Staphylococcus aureus Eap	\$187,500

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2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$375,000
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R15AI122173	Alternate roles of Clostridium difficile TcdR	\$437,156
2016	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI121067	A broadly protective subunit vaccine against enterotoxigenic Escherichia coli (ETEC) associateddiarrhea	\$435,375
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI121281	A novel immunomodulatory approach to overcome innate and adaptive immune barriers to islet transplantation	\$377,529
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	U01AI123832	Role of TRPV1 in asthma exacerbation	\$381,192
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI126252	Functions of T. pallidum and L. interrogans PUR proteins	\$73,820
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F30AI114194	Elucidating binding, fusion and entry of HMPV in cell culture and host tissue	\$33,363
2016	MOSQUITOMATE INC	KY	R43AI112048	Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$102,783
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$360,315
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F31AI120653	Fusion protein TM-TM interactions: Modulation of pre-fusion protein stability	\$34,931
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	K22AI118949	Contact-Dependent Interbacterial Signaling in Burkholderia	\$161,600
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI122078	Blocking RNA virus replication through the antiviral functions of cellular helicases	\$175,000
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI120244	Molecular and Cellular Pathogenesis of Legionella	\$375,000
2016	PARATECHS CORPORATION	KY	R44AI102326	Enhanced baculovirus vectors with higher titers and increased genome stability	\$461,729
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113348	Engineering pancreatic islets with TG? protein to overcome rejection	\$187,500
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124235	Role of STAT3 Signaling in GC B Cell Regulation	\$229,074
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$363,427
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$3,376,049
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI116517	Exploitation of host glycolysis by Legionella	\$187,500
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$373,557

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2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI108234	Autumn Immunology Conference	\$8,000
2016	MOSQUITOMATE INC	KY	R44AI098179	Biological vector control reducing arboviruses, including Dengue and Chikungunya	\$444,205
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124081	Regulation of GC B Cells by Transcription Factor STAT3	\$76,834
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI126883	Borrelia miyamotoi: mechanisms of tick colonization and transmission	\$239,457
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI118818	Recognition of Pneumocystis trophs by murine dendritic cells	\$186,711
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$371,250
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$338,626
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI119022	Structure and mechanism of the ESX secretion system from pathogenic mycobacteria	\$376,250
2016	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI117361	Targeting NAD biosynthesis in Mycobacterium tuberculosis	\$75,250
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI112618	Improving the lead rF1-V plague vaccine using an SA-4-1BBL/alum adjuvant platform	\$187,500
2016	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI118814	Lead Optimization of ML336, a Potent VEEV Inhibitor	\$415,531
2016	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,500
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI111058	Selection of the Determinants of Plasmodium Sporozoite Infectivity and Motility	\$237,576
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI119104	Molecular evolution of Peptide antibiotics for drug-resistant Gram negative bacteria	\$213,787
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R56AI125542	The Role of STa in ETEC Pathogenesis	\$376,250
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$376,250
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	\$376,250
2016	TULANE UNIVERSITY OF LOUISIANA	LA	U19AI115589	International Collaboration in Infectious Disease Research on Lassa fever	\$770,315
2016	Louisiana State University System	LA	R21AI121731	Novel Pneumocystis Surface Proteins as Vaccines to Prevent Infection	\$188,857
2016	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$1,043,190
2016	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$365,000
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$366,446

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2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$685,409
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$644,733
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI111086	The retropepsin-like enzyme RC1339/APRc from Rickettsiae as a potential therapeutic target for rickettsial diseases	\$181,446
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	K22AI108721	MOLECULAR CHARACTERIZATION OF T. GONDII MEROZOITES TO DEVELOP A CULTURE SYSTEM	\$162,000
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI122672	Emerging flea-borne rickettsial diseases: vector competence and transmission biology	\$370,000
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	\$788,535
2016	Louisiana State University System	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$391,789
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI106676	Epstein Barr virus antisense transcription	\$376,250
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI116348	Cell-based Gene-therapy Targeting Residual Active HIV Reservoirs	\$190,146
2016	Louisiana State University System	LA	R21AI113515	Design of a mimotope-peptide based double epitope vaccine against candidiasis	\$171,191
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127160	Characterization of Protective Immunity to MTB in a Setting of HIV Coinfection	\$166,537
2016	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI116851	Roles of the UL148 glycoprotein in human cytomegalovirus cell tropism	\$356,756
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,689,381
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$253,500
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110158	Modified CMV-specific T cells to Target HIV	\$86,572
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI121894	Identification of Tick Chemoattractant(s) for B. burgdorferi	\$218,000
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI122197	Mast cell control of endogenous, antigen-specific CD4 T cell immunity	\$225,750
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI127222	Correlates of protection from TB and TB/AIDS comorbidity	\$237,215
2016	Louisiana State University System	LA	R21AI121451	Genome editing in Rhizopus delemar using using CRISPR-Cas systems	\$214,400
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI113720	Neutrophil Function in Bacterial Pneumonia	\$369,629
2016	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI124289	Using combination adjuvants to direct and control immune responses at the intestinal mucosa	\$393,300
2016	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$370,000

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2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	\$376,250
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$1,238,702
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI112447	SIV antisense epitopes as novel markers of latency	\$211,250
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	\$850,330
2016	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI118904	ThThe Role of Epithelial-Stromal Communication in the Human Papillomavirus Type 16 Life Cycle	\$362,500
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110158	Modified CMV-specific T cells to Target HIV	\$515,791
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI117569	The IL-22/IL-22 binding protein axis is critical for viral induced thymic atrophy and regeneration	\$225,750
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI114697	Development of Novel Adjuvants LTA and LTA1	\$376,250
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R03AI111138	Identification of Transmission blocking epitopes on P. vivax 48/45 protein	\$75,250
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI123029	Effect of immunization route and prior immunity for a live attenuated varicella AIDS vaccine	\$835,172
2016	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$506,866
2016	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI122199	Antigen Structure-Based Supervised Learning for CD4+ T-cell Epitope Prediction	\$225,750
2016	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$376,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$435,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$430,936
2016	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$410,084
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,292,094
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$455,901
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$633,617
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI103701	Genetically modified HSC-HPC for management of aggressive demyelinating diseases	\$253,500
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$114,617
2016	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,610,772
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$257,989
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$418,750
2016	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$391,250
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$418,175

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2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$390,000
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	\$767,192
2016	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$562,169
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$7,359,781
2016	JOSLIN DIABETES CENTER, INC	MA	R21AI122110	Immune regulatory function of CD5	\$206,875
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	\$396,500
2016	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$391,500
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$645,517
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI114552	Infant specific-IgE, rhinovirus-C bronchiolitis, and incident asthma in MARC-35	\$900,476
2016	Trustees Of Boston University	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$128,349
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	\$403,750
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI110882	Role of STIM1 in E. coli Pneumonia	\$249,718
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$184,020
2016	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$2,375,202
2016	Trustees Of Boston University	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$409,250
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$5,901,873
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$443,487
2016	BROAD INSTITUTE INC	MA	U24AI118672	An integrated multiplexed genomic assay for low input clinical samples1	\$399,405
2016	TUFTS UNIVERSITY	MA	R01AI113166	Initiation and regulation of antibacterial innate immunity	\$467,376
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI110053	Elucidation of structure and dynamics of bacterial biofilms by particle tracking	\$48,576
2016	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$6,408,353
2016	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$495,564

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2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113459	Characterization of a novel combined immunodeficiency with skeletal dysplasia	\$221,250
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120651	The processes mediating capsid transport during HCMV nuclear egress	\$31,111
2016	TUFTS UNIVERSITY	MA	R01AI113075	Cardiac Cell Entry-Inhibition and Protection Therapy for Chronic Chagas Disease	\$441,456
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114622	Role of host fatty acid metabolism in Trypanosoma cruzi amastigote growth	\$403,750
2016	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R03AI100707	Optimized second-generation recombinant mycobacteria vaccine vectors against HIV	\$96,850
2016	BROAD INSTITUTE INC	MA	R21AI119296	Exploiting bacterial uptake as a universal platform for antibacterial development	\$245,198
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI119692	Volatile Metabolite-Based Detection of Clostridium difficile Infection	\$221,875
2016	DETECTOGEN INC	MA	R43AI113992	Development of a protein-based antigen detection test for kala-azar	\$210,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113439	Novel mechanisms of pathogenesis in idiopathic vaginitis	\$218,613
2016	UNIVERSITY OF MASSACHUSETTS	MA	R56AI114809	Role of F Protein Conformation in RSV Vaccine Efficacy	\$634,007
2016	TUFTS UNIVERSITY	MA	R21AI115261	Mammalian cell modulation of iron availability for an intravacuolar pathogen	\$206,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123001	Cardiovascular Disease Risk in HIV-infected Women: Sex-Specific Mechanisms of Risk and Risk Reduction among REPRIEVE Trial Participants	\$747,720
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI116661	Influence of intestinal microbiota on post-natal thymic T cell development	\$160,800
2016	Trustees Of Boston University	MA	R03AI126168	Exploring Nanomechanical Fluctuations of Surface-Adhered Bacteria for a Novel Antibiotic Susceptibility Test	\$82,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126289	Inhibition of BCL-2 for induction of mixed chimerism without myelosuppressive conditioning	\$251,175
2016	ENBIOTIX, INC.	MA	R43AI126978	Engineered bacteriophage as a platform to deliver nucleic acid based therapeutics to bacteria to disperse biofilms in implant-associated infections such as prosthetic joint infections	\$263,500
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI117920	Elucidating the role of cis-regulatory elements in mediating V(D)J recombination	\$31,045
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI126596	Protection of organ transplant from ischemia reperfusion injuries	\$548,546
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126455	Revealing the Trypanosome DNA Replication Machinery using iPOND	\$222,992
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI126465	Siderophore-based antibiotics: consequences for the microbiota and bacterial pathogens	\$228,963

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2016	UNIVERSITY OF MASSACHUSETTS	MA	U24AI126683	Nonhuman Primate Reagent Resource	\$1,636,425
2016	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI125051	Gene therapy for SCID-X1 with low dose busulfan and a SIN-lentiviral vector	\$1,132,346
2016	MICROBIOTIX, INC	MA	R41AI122433	T3SS needle protein inhibitors for the treatment of P. aeruginosa infection	\$302,983
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI124101	Mechanisms of disease in patients with I?B? mutations	\$221,250
2016	Trustees Of Boston University	MA	R21AI127706	Seminal Microbiota Associated with Inflammation and HIV Transmission	\$246,750
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI113294	Mechanisms of food allergy elicited by cutaneous sensitization	\$442,500
2016	Trustees Of Boston University	MA	DP2AI131083	Combatting antibiotic resistance with synthetic biology technologies	\$2,472,375
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$693,674
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI114557	Neutralizing Antibodies in Acute and Persistent Epstein-Barr Virus Infection	\$612,662
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$418,750
2016	TUFTS UNIVERSITY	MA	R21AI126067	Identifying Factors That Control Germinant Sensitivity During Clostridium Difficile Spore Germination	\$260,677
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI123883	Host neutrophils as direct mediators of tissue graft revascularization	\$265,500
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI125152	Plasma Gelsolin as Immunotherapeutic for Antibiotic-Resistant Pneumonia	\$939,359
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI125972	Regulation of P. aeruginosa fitness by small non-coding RNAs	\$254,250
2016	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,669,628
2016	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$412,500
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$538,137
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114968	The role of DOCK8 in autoimmunity	\$176,213
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$440,994
2016	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$172,120
2016	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$412,500
2016	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$608,517
2016	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$149,468
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$403,476
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$715,353
2016	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$492,112
2016	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$3,054,663

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2016	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$35,812,481
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	\$565,404
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$1,214,907
2016	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$409,250
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$435,000
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$487,977
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$422,319
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$435,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$2,458,248
2016	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$183,199
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$177,611
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	\$185,090
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$5,357,643
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI108629	Interferon Effector Gene Activation to Circumvent Viral Impedance	\$186,192
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$451,878
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI116979	Novel mechanisms of T cell costimulation: the role of LRRC8A in T cell activation	\$179,053
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$979,999
2016	Trustees Of Boston University	MA	R21AI121256	Use of Anti-CD52g Antibodies to Prevent HIV Transmission	\$204,625
2016	ALDATU BIOSCIENCES	MA	R44AI118441	A Rapid, Cost-Effective HIV Drug Resistance Diagnostic for Resource-Limited Settings	\$691,049
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115023	The role of proteolysis in bacterial biofilm formation	\$221,250
2016	IMMUNETICS, INC	MA	R44AI100471	Immunoassay for diagnosis of Babesia infection	\$808,595
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI111039	Role of MR1-Restricted MAIT Cells in Intestinal Infection	\$250,750
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI123265	Granulysin, Granzymes and Perforin in Bacterial Immune Defense	\$442,500
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119763	Control of macrophage activation by Akt signaling and metabolic input	\$242,250
2016	TUFTS UNIVERSITY	MA	R03AI123885	Novel Recombinant Chlamydia Antigens	\$100,301

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2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117304	Defining physiological correlates of the human malaria infectious reservoir	\$211,670
2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI123746	Identification of novel Toxoplasma genes involved in host-parasite interactions	\$292,500
2016	KARYOPHARM THERAPEUTICS INC.	MA	R43AI124949	Evaluating the impact of novel inhibitors of nuclear pore export in SLE	\$225,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI125096	The Use of Monoclonal Antibodies Delivered by Viral Vector as an HIV-1 Therapeutic	\$56,118
2016	TUFTS UNIVERSITY	MA	R21AI126757	Role of innate immune tolerance in the pathogenesis of Lyme disease	\$206,250
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI127263	SERINCs and Nef Function	\$431,431
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI126765	Shigella protein complex-mediated repression of innate immunity early during infection	\$59,748
2016	BROAD INSTITUTE INC	MA	K01AI126519	Automated and sensitive genomic co-profiling for precision pharmacogenomics	\$131,490
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI126764	Pathogenic and Diagnostic Implications of MicroRNAs in Lyme Disease.	\$58,368
2016	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI126999	Optimization of a mucosal RSV vaccine	\$213,864
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119457	Borrelia antigen detection assay for urine-based diagnosis of early Lyme disease	\$233,063
2016	TUFTS UNIVERSITY	MA	R21AI119833	Activation of STING-mediated pathway(s) in T cells	\$206,250
2016	VERALASE LLC	MA	R42AI114012	Development of small near-infrared laser system capable of improving immune responses to vaccines (laser-based adjuvant)	\$696,264
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI125109	Viral and Immune Determinants of HIV Rebound	\$896,825
2016	TUFTS UNIVERSITY	MA	R01AI116969	Global Transcriptome Analysis of Mucosal Gonococcal Infection	\$766,150
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI115137	Characterization of a Novel Growth and Survival Factor for Human Mast Cells	\$266,250
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI122291	CD1a: a novel target for IL-17-mediated inflammatory skin and gut diseases	\$442,500
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI112272	Mechanisms of ARF6 function in Shigella entry	\$48,576
2016	HELIXBIND INC	MA	R44AI124726	An Integrated Device for Rapid Bacteremia Diagnosis from Whole Blood	\$985,030
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI125535	Molecular mechanisms of the RAG recombinase in V (D)J recombination and disease	\$653,651
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124718	Resistance testing versus adherence support for management of patients with virologic failure on first-line antiretroviral therapy in sub-Saharan Africa: An open-label randomized controlled trial	\$652,809
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI127079	Single-Cell Analysis of HIV Latency Reversal	\$238,365
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI121394	Decrypting IgE B Cell Immunobiology	\$628,572

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2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI121288	Interferon-induced IFITM recruitment of ZMPSTE24 blocks viral endocytic entry	\$535,280
2016	NORTHEASTERN UNIVERSITY	MA	R01AI124046	Hit-to-lead optimization for sleeping sickness drug discovery	\$640,299
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042006	Cost-Effectiveness of Preventing HIV Complications	\$861,119
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$437,500
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI116366	Identifying the ligand for the activating NK cell receptor KIR3DS1 and its protective role in HIV-1 disease progression	\$36,311
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$391,592
2016	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$701,825
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$423,750
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$447,012
2016	UNIVERSITY OF MASSACHUSETTS	MA	F32AI120556	Defining the Impact of Neutrophils on Bacterial Environment during Tuberculosis	\$54,294
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$602,306
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	\$763,387
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI107360	Restoring Immune Function Following Radiation Injuries by TLR9 Agonist Treatment	\$584,538
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$127,720
2016	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$11,500,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$417,240
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$1,775,175
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$554,533
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI110046	Dissecting the role of YceG in E. coli cell wall biogenesis	\$13,218
2016	TUFTS MEDICAL CENTER	MA	R01AI103173	Critical Roles for Iron and Copper Detoxification in Borrelia Burgdorferi	\$412,500
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI110522	Antimicrobial Chemicals in Allergic Disease	\$185,220
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI106734	Evolutionary medicine in the development of antimalaria drugs	\$472,353
2016	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$578,816
2016	BETH ISRAEL HOSPITAL	MA	K23AI114381	Diversity of Immune Responses Elicited by HIV Vaccines	\$145,636

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2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI112521	Mechanisms and Immunological Consequences of Host-Virus Interactions	\$1,946,188
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$834,830
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	\$435,000
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$800,349
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$410,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$182,996
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI108718	The translation apparatus of Leishmania: from basic analysis to pursuit of novel	\$348,720
2016	Trustees Of Boston University	MA	R01AI113321	Initiation and regulation of RSV mRNA transcription and genome replication	\$414,999
2016	BROAD INSTITUTE INC	MA	R01AI117043	RNA based diagnostics for rapid pathogen identification and drug resistance	\$1,229,835
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109303	Systems Analysis of Innate Immune Responses to Fungal-Derived Carbohydrates	\$217,500
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI120616	Defining the role of ClpX in mycobacterial cell cycle progression	\$27,882
2016	MICROBIOTIX, INC	MA	R44AI100332	Optimization of novel pyranopyridine efflux pump inhibitors	\$783,116
2016	TUFTS MEDICAL CENTER	MA	R21AI120932	An Ex Vivo 3-D Pre-Clinical Human Enteroid Model for Cryptosporidium	\$206,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113937	Microfluidic tools for probing neutrophil reversed migration	\$261,000
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115173	Inference for interacting pathogens with mechanistic and phenomenological models	\$239,880
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI121421	The Role of Innate Immune Cell Trafficking in Th2 Differentiation	\$186,192
2016	TUFTS UNIVERSITY	MA	R01AI110684	Mammalian cell collaboration with bacterial type III secretion	\$412,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124096	Exosomes and Donor MHC Cross-Dressing of Recipient Cells in Allograft Transplantation	\$252,950
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI124171	Role of the cytosolic DNA sensor cGAS in malaria	\$246,618
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI127169	Immunity to TB in highly immunosuppressed HIV-infected and uninfected individuals	\$269,748
2016	VIVONICS INC	MA	R43AI118114	iMedPAL: Improving Medical Prescription Adherence by Leveraging Mobile Technology	\$137,170
2016	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI122425	Exploratory Chemistry on a new antibiotic	\$746,210
2016	TUFTS UNIVERSITY	MA	F31AI122615	Reversing age-related defects in innate and adaptive immune responses to Streptococcus pneumoniae by oral supplementation with vitamin E	\$39,312

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2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126889	Genetic screens for erythrocyte determinants of protein trafficking in malaria parasites	\$254,250
2016	TUFTS UNIVERSITY	MA	R01AI118898	C ALBICANS IN THE GI TRACT ENVIRONMENT	\$527,101
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K24AI116925	Determining the genetic and diagnostic markers of acute renal allograft rejection	\$187,626
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$830,419
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$523,252
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI121700	Synergistic Photodynamic Therapy for Catherer-Associated Urinary Tract Infections	\$233,488
2016	Trustees Of Boston University	MA	R21AI121933	Role for polyamines in Ebola Virus Replication	\$246,251
2016	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$1,796,102
2016	Trustees Of Boston University	MA	U19AI117892	Modeling affinity maturation at molecular resolution	\$1,587,693
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI112823	Structure and Function Studies of LL-37 Binding to CsrS of Group A Streptococcus	\$177,444
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI116604	Role of Tuberculosis Metabolites in M. Tuberculosis Virulence	\$544,340
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$420,300
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$411,250
2016	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$168,023
2016	UNIVERSITY OF MASSACHUSETTS	MA	F31AI112282	The Role of Innate IL-17 Responses to Aspergillus fumigatus	\$30,251
2016	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$412,500
2016	NORTHEASTERN UNIVERSITY	MA	R01AI122286	Persister cells of Borrelia burgdorferi	\$586,005
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$164,916
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI110165	Killing the Reservoir with Antibodies	\$486,052
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$427,991
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$435,000
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,764,907
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$841,956
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$137,160
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$638,470
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$380,250

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2016	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$129,276
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$183,061
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$665,666
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$444,871
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	\$136,440
2016	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$130,516
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	\$435,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$410,580
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	\$600,485
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$6,641,277
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI110655	Subcellular Mechanisms for Fungal Phagosome Maturation in Macrophages	\$186,192
2016	Trustees Of Boston University	MA	R01AI108680	Decreasing antibiotic prescribing in acute respiratory infections through implementation of nurse driven clinical decision support	\$853,212
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI103142	Regulation of neutrophil function by ROS-induced actin glutathionylation	\$442,500
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$442,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI111191	Mechanisms Underlying Delayed Transplant Tolerance	\$213,800
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111395	Characterization and Development of a Cross Spectrum Anti-Dengue Antibody	\$750,000
2016	TUFTS UNIVERSITY	MA	K22AI116262	HIV-1 Env antagonism by ground state stabilization	\$106,390
2016	TUFTS UNIVERSITY	MA	R21AI115038	Genetic-based susceptibility to pulmonary tuberculosis	\$217,661
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI116363	HIV-specific responses mediated by human NK cells	\$435,000
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$185,220
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$780,399
2016	MICROBIOTIX, INC	MA	R43AI120375	Antibiotic potentiators maximizing the formation of open- channel OprF-type outer membrane porins	\$287,018
2016	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$398,499
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI119918	Mast cell regulation of Th2 induction and tolerance breakdown in food allergy	\$577,162
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$435,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117440	Regulation of Th17 immune responses by serpinB1	\$265,500

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2016	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI114162	Role of host factors during effector translocation by type III secretion	\$58,941
2016	DANA-FARBER CANCER INSTITUTE	MA	K08AI123571	The role of oxidative stress in the pathogenesis of Reticular Dysgenesis and the therapeutic potential of antioxidants	\$184,248
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R13AI124565	Bacterial Meeting 2016-2021	\$7,000
2016	TUFTS MEDICAL CENTER	MA	R21AI127238	Role of GAG-Binding Proteins in Cryptosporidium Infection	\$218,750
2016	BETH ISRAEL HOSPITAL	MA	R01AI127089	TLR Immunotherapy to Eradicate Anatomic SIV Reservoirs	\$585,879
2016	Trustees Of Boston University	MA	R21AI126457	Antiviral responses in iPSC-derived human primary cells to Ebola virus infection	\$270,000
2016	MICROBIOTIX, INC	MA	R41AI127009	Inhibitors of the viral nucleoprotein-polymerase co-factor interaction for human RSV and MPV therapy	\$300,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R33AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$442,323
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI123270	The novel role of the PI3K? and ? pathways in alloimmunity	\$404,261
2016	Trustees Of Boston University	MA	R56AI119491	Predictive modeling of the Mycobacterium tuberculosis regulatory and metabolic networks	\$411,250
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI116920	Innate mechanisms for virus-induced diabetes	\$502,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R34AI125058	Targeting Inflammation and Alloimmunity in Heart Transplant Recipients with Tocilizumab	\$293,025
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI126844	HSPGs in Alpha-toxin-induced Tissue Injury	\$265,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI121546	Mechanisms of CD49a Expression and Resident Memory T Cell Formation in Skin.	\$416,850
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI117929	Immune control mechanisms of TB latency in the setting of HIV co-infection	\$442,500
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI126239	Identification of potent small molecule inhibitors of Cas9	\$266,250
2016	APHIOS CORPORATION	MA	R43AI124819	Purging Latent HIV Reservoirs through a Combination HIV Therapeutic	\$463,205
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,750
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112748	Finding and Treating Unsuspected and Resistant TB to Reduce Hospital Transmission	\$700,912
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$593,268
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	\$233,119
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$617,580
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$428,640

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI116901	The role of fatty acid binding protein aP2 in the pathogenesis and treatment of asthma	\$403,750
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$449,013
2016	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$724,093
2016	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$257,260
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$1,585,639
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$418,750
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$475,072
2016	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,716,544
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$442,500
2016	Trustees Of Boston University	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$288,303
2016	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	\$132,705
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$496,165
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,543,357
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$442,500
2016	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$675,368
2016	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$430,863
2016	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$101,898
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$442,500
2016	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$1,229,745
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$791,822
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101048	Plasticity of T helper cell differentiation	\$418,750
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111860	T-cell-mediated targeting of therapeutics to HIV reservoirs	\$422,887
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI108144	Interrogating the Cellular Mechanisms of Host-Pathogen Interactions during IBD	\$58,002
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K22AI114810	The role of nociceptor neurons in bacterial host defense and inflammation	\$108,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI106878	O-Specific Polysaccharide Responses and Cholera	\$779,448
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$647,771

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2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$541,614
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI029873	Molecular Biology of HIV-Gag Proteins	\$373,598
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI110524	Improving clinical, operational and economic outcomes related to MRSA	\$137,160
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI098705	Multiplexed targeting of Pseudomonas aeruginosa essential outer membrane proteins	\$452,898
2016	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI117373	Non-invasive imaging of the immune response based on the use of isotopically labeled single domain antibody fragments	\$243,750
2016	IMMUNETICS, INC	MA	R44AI102343	Molecular Detection of Invasive Fungal Infections	\$999,952
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	\$179,631
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$424,375
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI110293	Role of p38 MAPK activation in AIDS pathogenesis	\$860,742
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI120633	Contact-Dependent Antagonism in Gut Bacteroidales	\$428,250
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117313	Natural Wolbachia infections for the control of Anopheles mosquitoes	\$201,875
2016	BETH ISRAEL HOSPITAL	MA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$464,529
2016	UNIVERSITY OF MASSACHUSETTS	MA	U01AI118161	Vaccines and Immunotherapeutics against gonorrhea in the context of Chlamydia co	\$498,599
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI114131	Probing with a panel of beta-lactams to find genetic resistance factors in MRSA	\$0
2016	BOSTON MEDICAL CENTER	MA	R01AI122209	CD1a Vaginal Dendritic Cells and HIV-1 Acquisition in the Female Genital Tract	\$496,275
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$956,707
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111606	Modeling human anti-viral humoral responses in the young and elderly	\$209,375
2016	BROAD INSTITUTE INC	MA	R01AI114855	Elucidating Genetic Determinants of Resistance to Lassa Hemorrhagic Fever	\$756,479
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI108588	Viral persistence & the microbiome in bronchiolitis and risk of recurrent wheeze	\$790,832
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R00AI110649	Molecular signatures of high salt induced pathogenic T cells	\$249,000
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI112991	Staphylococcus Aureus Carriage and the Nasal Microbiome	\$201,875
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117706	Adjuvants and Glucan Particle Vaccines	\$251,250
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$666,124

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2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI109855	Regulation of Expression and Immunity in the Enterococcus Faecalis Cytolysin	\$56,118
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI121254	Transient chimerism and allograft tolerance	\$793,499
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI124982	Conformational Landscape of the HIV-1 Envelope Glycoproteins	\$715,679
2016	BRANDEIS UNIVERSITY	MA	R01AI122802	Unraveling the polymodal behavior of sensory transduction receptors	\$474,157
2016	UNIVERSITY OF MASSACHUSETTS	MA	R34AI124826	Planning for the Metformin for TB/HIV Host-directed Therapy (METHOD) Trial	\$253,930
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI121491	Humoral mechanisms of tolerance in peanut oral immunotherapy	\$186,192
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI116344	Harnessing NK cell activity to eliminate the HIV-1 reservoir	\$185,220
2016	BOSTON MEDICAL CENTER	MA	R01AI119037	The impact of alcohol consumption on TB treatment outcomes	\$698,446
2016	BIOSSENSE TECHNOLOGIES	MA	R43AI120368	Rapid Phenotypic Antibiotic Susceptibility Testing	\$203,215
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122592	Developing in vitro assays to identify small molecules that inhibit human prions	\$36,297
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI125631	The Clinical and Economic Impact of Penicillin Allergy	\$136,366
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119885	Functionally dissecting the transcriptional regulatory network of the innate immune response using CRISPR-effectors	\$209,375
2016	Lyndra Therapeutics, Inc.	MA	R43AI127062	An Oral Long-Acting Doxycycline for Onchocerciasis Eradication: Process Improvement for Small Batch Manufacturing	\$300,000
2016	BETH ISRAEL HOSPITAL	MA	UM1AI126603	Combined Immunologic Approaches to Cure HIV-1	\$4,630,463
2016	BROAD INSTITUTE INC	MA	R21AI121932	Microfluidic sample preparation for genomic sequencing of clinical pathogen isolates	\$221,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI122947	Defining and matching epitope presentation in HIV infection and vaccination	\$504,450
2016	Trustees Of Boston University	MA	R56AI122763	Macrophage protection in pneumococcal pneumonia	\$639,897
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI120723	Role of the GI microbiome in immune responses to oral SIV-DNA+SIV-polio Vaccine	\$881,569
2016	TUFTS UNIVERSITY	MA	R01AI055058	Impact of Bacteriophages on Virulence and Transmission of Vibrio cholerae	\$412,500
2016	TUFTS MEDICAL CENTER	MA	R21AI122898	RNaseq analyses in immunocompromised and immune competent mice infected with the AIDS pathogen Cryptosporidium	\$252,433
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI123516	CLEC-2/Pdpr Mediated Regulation of Airway Inflammation	\$184,020
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI123086	Mechanisms of Kidney-Induced Cardiac Allograft Tolerance	\$2,076,389

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2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI118538	Studies of Mucosal Associated Invariant T (MAIT) cells in people with HIV, TB and HIV/TB co-infection in South Africa	\$184,316
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI124491	Mechanistic Elucidation of Inflammasome Assembly and Regulation	\$442,500
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$822,004
2016	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$740,926
2016	MICROBIOTIX, INC	MA	R44AI100339	Novel Plasmodial Surface Anion Channel Inhibitors as Antimalarial Drugs	\$689,746
2016	BOSTON COLLEGE	MA	R01AI122923	The Ca ²⁺ -sensing machinery operating on exocytosis in Toxoplasma	\$406,750
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI116577	Granzyme and Granulysin Mediated Death of Trypanosoma cruzi	\$645,723
2016	Trustees Of Boston University	MA	R01AI110638	Structure and Development of Oocyst and Sporocyst Walls	\$406,583
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI114179	Mechanisms by which DNA sequence directs AID-mediated mutagenesis of Ig loci	\$48,576
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$660,708
2016	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$435,000
2016	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$219,899
2016	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$418,750
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$442,500
2016	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$1,000,000
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$1,198,312
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115448	Characterization of Chromatin associated Long non-coding in immunity	\$209,375
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$561,836
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$858,826
2016	TUFTS UNIVERSITY	MA	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$412,500
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106478	Mechanism of Potent Neutralization of HIV by IgA CD4i Antibody	\$397,792
2016	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$802,036
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	\$442,500
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI111809	Boosting cell-intrinsic innate immune recognition of HIV-1 by dendritic cells	\$586,375

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2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$5,474,214
2016	IMMUNETICS, INC	MA	R44AI098567	Rapid Test for Recent HIV Infection	\$976,061
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI104287	Mycobacterial single cell drug susceptibility	\$59,970
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI109857	Molecular determinants of N-linked glycosylation in Campylobacter jejuni	\$56,118
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI100023	Improving diagnostic capabilities for typhoid fever	\$319,283
2016	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$597,342
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$659,485
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI112652	Global regulators converge to orchestrate metabolism, biofilm, and pathogenesis	\$557,550
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	\$388,006
2016	TUFTS UNIVERSITY	MA	F32AI118316	Defining B. burgdorferi oxidative stress responses by next-generation sequencing	\$57,080
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$555,742
2016	IMMUNETICS, INC	MA	R44AI091291	Rapid point of care test for Lyme serodiagnosis based on novel ultra sensitive de	\$1,000,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI111918	Inflammation and the vaginal metagenome in HIV acquisition	\$612,771
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115476	T cell responses at the site of infection	\$217,500
2016	BETH ISRAEL HOSPITAL	MA	R21AI120795	Innate Lymphoid Cell Modulation of SIV Transmission and Pathogenesis	\$201,220
2016	TUFTS UNIVERSITY	MA	R21AI110826	Developing a novel strategy to uncover vaccine targets in bacterial pathogens	\$206,250
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI116834	Specification of Treg cells: FOXP3 functional facets	\$423,750
2016	TUFTS UNIVERSITY	MA	U01AI109656	Searching for Persistence in Lyme Disease	\$797,360
2016	TUFTS UNIVERSITY	MA	R01AI109048	Role of Listeria CodY in Integrating Metabolism and Virulence	\$538,103
2016	Trustees Of Boston University	MA	R33AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFN γ	\$491,100
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117317	Lung Imaging	\$209,375
2016	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$409,250
2016	HELIXBIND INC	MA	R44AI109913	A Culture-Free Platform for Rapid Fungal Pathogen Identification	\$697,239
2016	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$418,750
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114790	Immune defenses against Neisseria gonorrhoeae	\$629,859
2016	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	\$679,173
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$349,821

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2016	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI116355	Interplay between antibody affinity maturation and HIV evolution in a single host	\$58,002
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$844,621
2016	Trustees Of Boston University	MA	R01AI116829	Gene Regulation in the Immune System	\$123,076
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121613	MITOPlas_Scalable characterization of the malaria parasite mitochondrial proteome	\$234,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI118955	Programmed cell death in P. aeruginosa	\$553,965
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121066	Innate control of the inflammatory process during fungal infections	\$442,500
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI117737	Human complement C4 isotypes in Lupus	\$265,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI124326	Mechanisms of human pre-B cell differentiation	\$246,393
2016	BETH ISRAEL HOSPITAL	MA	R56AI122942	TLR Therapy to Eradicate the SIV Reservoir	\$737,637
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114495	Elucidation of the role of 2 novel cross presentation genes	\$418,750
2016	BETH ISRAEL HOSPITAL	MA	R01AI116596	Ultrasensitive C.difficile toxin measurement for diagnosis and outcome prediction	\$856,476
2016	BETH ISRAEL HOSPITAL	MA	R21AI122938	Measurement of Antibody Epitope Signatures by Peptide Microarrays to Determine Recency of HIV Infection	\$225,055
2016	TUFTS UNIVERSITY	MA	R00AI114952	Bacterial Sensing and Response to Chloride as a Novel Tuberculosis Drug Target	\$249,000
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI125322	MR1 and MAIT Cell Function in Intestinal Infection	\$621,741
2016	DANA-FARBER CANCER INSTITUTE	MA	P01AI126901	Targeting Immunogenicity to the MPER Hinge and C-helix for BNAbs Elicitation	\$1,760,661
2016	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI126614	Controlling and preventing Asthma progression and Severity in Kids (CASK)	\$2,843,494
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI124418	Immune protection against HIV by induction of CD4+ CTLs.	\$427,500
2016	MICROBIOTIX, INC	MA	R41AI118122	Novel filovirus entry inhibitors based on a pseudo-symmetrical biphenyl core	\$288,106
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$418,750
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI121669	Engineering ?Phagebody? Antimicrobials for Carbapenem-Resistant Enterobacteriaceae	\$189,983
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI118502	Sensitive and quantitative point-of-care viral load testing on paper	\$425,150
2016	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$475,385
2016	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$552,296
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$473,931
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120665	Genetic Analysis of Vibrio parahaemolyticus Pathogenicity	\$31,111

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2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$897,759
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI131314	Immune Control and Evadion during Acute HCV Infection	\$276,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI121386	Targeting Innate Immunity in Staphylococcal Infection	\$442,500
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$571,546
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$442,500
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$515,835
2016	TUFTS UNIVERSITY	MA	R01AI121401	Multiple B. burgdorferi Factors Collaborate to Evade Complement-Mediated Defenses	\$646,510
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$405,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$429,080
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$668,476
2016	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$167,235
2016	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$235,304
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$158,692
2016	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,643,746
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$483,300
2016	Trustees Of Boston University	MA	T32AI007309	Research Training in Immunology	\$215,045
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$444,500
2016	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,061,148
2016	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$432,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$113,435
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$13,655,252
2016	TUFTS UNIVERSITY	MA	R21AI111317	Role of carbon availability in environmental adaptation by Borrelia burgdorferi	\$258,312
2016	TUFTS UNIVERSITY	MA	R21AI107171	The prefusion form of HSV-1gB	\$206,250
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$455,381
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	\$403,750
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$439,397

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2016	TUFTS UNIVERSITY	MA	R01AI121337	SIGNALING MECHANISMS IN VIBRIO CHOLERAEE PARALLEL QUORUM SENSING PATHWAYS	\$425,992
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$2,581,462
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$700,752
2016	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$435,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$179,631
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$442,500
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	\$186,192
2016	DANA-FARBER CANCER INSTITUTE	MA	F31AI112404	Investigating HIV-1 Envelope-mediated entry into low-CCR5 expressing cells	\$35,532
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$484,423
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI112359	Longitudinal analysis of antibody responses to HIV-1: mapping function to genotype	\$58,002
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	\$687,181
2016	MICROBIOTIX, INC	MA	R41AI118037	Lipoprotein synthesis inhibitors for multi-drug resistant Gram-negative therapy	\$288,311
2016	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$773,940
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115136	B Cell Tolerance to Transplantation Antigens	\$385,489
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI115698	Thymocyte integrin regulation by plexinD1	\$424,773
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119481	Inactivation of ambient viruses using Engineered Water Nanostructures	\$201,875
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$2,836,968
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI112945	Chemical biological studies of pyroptotic cell death	\$217,500
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI117839	Next generation hybrid nucleases for precise excision of latent HIV-1 provirus	\$914,295
2016	BROAD INSTITUTE INC	MA	R33AI105936	A "radical" approach to tuberculosis infection	\$531,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115303	Biofilm matrix-based vaccines	\$221,250
2016	BETH ISRAEL HOSPITAL	MA	R21AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$174,000
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119880	Interplays between ADAR1 and MDA5 in the pathogenesis of Aicardi-Goutiere Syndrome	\$221,250
2016	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,078,872

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI117025	Discovery of antibiotics active against multidrug resistant bacteria	\$211,875
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI119065	Role of SCARF1 in apoptotic cell clearance and prevention of autoimmunity	\$412,800
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI122363	Dissecting the role of Escherichia coli peptidoglycan synthase activators	\$36,032
2016	BOSTON COLLEGE	MA	R03AI122042	Proteomic mapping of differential secretion in Toxoplasma gondii	\$78,250
2016	BOSTON COLLEGE	MA	R21AI117247	Predicting species-wide virulence for a bacterial pathogen with a large pan-genome	\$195,625
2016	ARIETIS CORPORATION	MA	R44AI122426	Bactericidal antibiotic for Vancomycin Resistant Enterococci	\$1,218,307
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI124165	Targeting steroid hormone signaling in Anopheles mosquitoes for malaria control	\$720,119
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R33AI111713	Targeting cell separation systems of gram-negative bacteria.	\$508,500
2016	BOSTON COLLEGE	MA	U01AI124302	Predicting the emergence of antibiotic resistance through multi-omics approaches and Immune System-surveillance	\$1,970,805
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI127231	The role of the trimer association domain (TAD) in controlling the conformation of the HIV-1 envelope trimer and protection of the CD4 binding site	\$251,250
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI126189	Human islet-derived, islet-reactive T cells from subjects with Type 1 diabetes	\$251,250
2016	Trustees Of Boston University	MA	R21AI121644	Development of the RNA molecule-enriched, cell type-specific exosomes	\$221,445
2016	Trustees Of Boston University	MA	R21AI113715	The development of multiplexed, label-free isothermal diagnostic for rapid identification of bacterial pathogens	\$204,625
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$412,750
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI113121	Functional characterization of Trypanosoma cruzi-host cytoskeletal interactions	\$242,250
2016	STC BIOLOGICS, INC.	MA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$569,904
2016	Trustees Of Boston University	MA	R01AI113927	Rapid molecular diagnostic for chlamydia and gonorrhea at the point-of-care	\$417,101
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI115711	Tesamorelin Effects on Liver Fat and Histology in HIV: A Collaborative U01 Grant	\$685,269
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI118544	Molecular networks of HIV-specific CD4 T cell help to B cells	\$435,815
2016	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$998,905
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$410,648
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123312	Antimicrobial blue light inactivation of pathogenic microbes	\$488,087

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2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$439,285
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$460,839
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$518,965
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$1,539,678
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$504,147
2016	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$670,415
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$435,000
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$533,176
2016	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2016	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$435,000
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,397,373
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$2,277,111
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$731,458
2016	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$435,000
2016	Trustees Of Boston University	MA	R21AI115223	Functional definition of guide RNAs	\$245,550
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$442,500
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$418,750
2016	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$762,721
2016	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$470,550
2016	TUFTS UNIVERSITY	MA	R01AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$103,125
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI123286	Tuberculosis and T cell Recognition	\$735,535
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$349,100
2016	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$3,469,355
2016	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$409,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$424,143
2016	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$394,598
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	\$653,119

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	MICROBIOTIX, INC	MA	R44AI098271	Novel Spectinamide Antibiotics for the Treatment of MDR/XDR Tuberculosis	\$981,833
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102907	Molecular characterization and substrate identification of malaria kinase PfCDPK5	\$442,500
2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$440,000
2016	ARIETIS CORPORATION	MA	R44AI112187	Antibiotics for Recalcitrant Infection	\$1,000,000
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106833	Regulation of anti-viral T cell responses by IRF4	\$418,750
2016	BRANDEIS UNIVERSITY	MA	R01AI113737	Design of Immunogens to Elicit PGT122 like Antibodies	\$475,149
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI113333	Innate Immune Defense Mechanisms in the Intestine	\$592,526
2016	BETH ISRAEL HOSPITAL	MA	R21AI118468	Enhancing Resolution of Memory NK cells in CMV- and SIV-infected macaques	\$165,907
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$185,792
2016	MICROBIOTIX, INC	MA	R41AI120437	GPCR antagonists as anti-Ebola virus entry inhibitors	\$297,665
2016	BOSTON COLLEGE	MA	R21AI117241	Experimental evolution of Toxoplasma gondii virulence	\$245,125
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$198,699
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI118692	Training Program in Immunological Tolerance and Autoimmunity	\$187,448
2016	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$409,250
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	U24AI118656	Monitoring peripheral blood leukocyte and immune responses in health and disease	\$389,142
2016	BETH ISRAEL HOSPITAL	MA	R21AI112694	VALIDATION OF A HIGH THROUGHPUT SCREEN FOR KPC PLASMID EVICTION	\$261,000
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114710	Lipooligosaccharide mimitope vaccines against Neisseria gonorrhoeae	\$449,255
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111173	Harnessing Transcriptomics to Identify and Test Novel Hookworm Vaccine Targets	\$243,572
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120850	Gut microbiome evolution among HIV-exposed uninfected infants in Botswana	\$201,682
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI125122	Pharmacokinetic and Programmatic Evaluations to Optimize HIV/TB Co-Treatment Regimens in Children	\$185,212
2016	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI123420	Targeting Epstein-Barr Virus super-enhancers	\$443,750
2016	Trustees Of Boston University	MA	R21AI113522	Elucidation of Ikaros function in peripheral T cell responses in vivo	\$246,150
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI119030	Necroptosis signaling adaptors in inflammatory diseases	\$418,750
2016	BETH ISRAEL HOSPITAL	MA	UM1AI124377	Consortia for Innovative AIDS Research in Nonhuman Primates	\$7,245,181
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI123494	The gut microbiome and susceptibility to Vibrio cholerae	\$185,620

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2016	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI127193	Structure-function studies of the membrane-interacting domains of HIV-1 Env spike	\$858,313
2016	TUFTS UNIVERSITY	MA	R21AI126050	The regulation of basal interferon and its role in necroptosis	\$206,250
2016	MICROBIOTIX, INC	MA	R43AI122465	Novel beta-lactams as inhibitors of ebola virus infections	\$304,394
2016	NORTHEASTERN UNIVERSITY	MA	P01AI118687	Resolving the bottleneck in antibiotic discovery	\$1,857,306
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI112766	Investigating the Role of the GTPase Arl8b in Plasma Membrane Repair of Mtb-Infected Macrophages	\$221,875
2016	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$503,415
2016	DAKTARI DIAGNOSTICS, INC.	MA	R44AI124964	An HIV Viral Load Assay for the Point-Of-Care	\$649,571
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI116228	Targeting HIV-1 persistence with Interferon-a	\$513,000
2016	BETH ISRAEL HOSPITAL	MA	K08AI114958	Demographics Causes and Consequences of B Cell Repertoire Diversity	\$177,444
2016	DANA-FARBER CANCER INSTITUTE	MA	R01AI121285	Studies of IGHV Germline Gene Polymorphism, Utilization & Shifting for Seasonal Influenza Vaccine Induced Broadly Neutralizing Antibody Responses	\$756,432
2016	NORTHEASTERN UNIVERSITY	MA	U24AI118665	Automated Patient-Specific Dendritic Cell Generation for Transcriptomics-Driven Vaccinology	\$392,265
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$185,220
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI119157	Bioinformatic and functional analysis of antibiotic-responsive small non-coding RNAs in bacterial pathogens	\$182,074
2016	UNIVERSITY OF MASSACHUSETTS	MA	R21AI122160	Recognition of Group B Streptococci by Innate Immune Sensors	\$251,250
2016	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI126143	Control of regulatory T cell stability and function by the Foxo1 transcription factor	\$256,500
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI125476	Glycomic Characterization of Germinal Center B cells	\$209,475
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI126154	Functional analysis of Plasmodium vivax drug resistance polymorphisms	\$254,250
2016	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$2,139,888
2016	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI120480	Using genome engineering to study mosquito biology and combat malaria	\$36,576
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$492,500
2016	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$418,750
2016	BOSTON COLLEGE	MA	R01AI110724	The bacterial response to antibiotics and the evolution of antibiotic resistance	\$391,250
2016	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI124284	Dissecting the mechanism of age-specific adjuvant synergy in vitro and in vivo	\$556,023

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2016	JOHNS HOPKINS UNIVERSITY	MD	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$364,500
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$167,434
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI115016	Functional genomics using auxin-inducible deletion analyses (AIDA)	\$236,902
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$225,021
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$383,750
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$714,012
2016	UNIVERSITY OF MARYLAND	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$483,237
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI115217	Phosphotyrosine-mediated regulation of enterohemorrhagic E. coli virulence	\$191,875
2016	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$2,525,176
2016	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$1,077,395
2016	ZALGEN LABS	MD	R44AI088843	Recombinant antigen diagnostics for filoviruses	\$1,000,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$442,767
2016	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$4,612,049
2016	PROFECTUS BIOSCIENCES INC	MD	R44AI110315	Optimization of a Therapeutic HIVSIV Multi-Antigen DNA Vaccine	\$968,957
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$168,012
2016	SANARIA INC	MD	R44AI088853	Cryopreservation of Anopheles Embryos	\$496,791
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI116787	Comparative Effectiveness/Implementation of TB Case Finding in Rural South Africa	\$599,898
2016	UNIVERSITY OF MARYLAND	MD	R21AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$208,998
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$626,004
2016	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R03AI117272	Microwave-Accelerated Metal Enhanced Fluorescence (MAMEF) of CT and GC	\$76,909
2016	UNIVERSITY OF MARYLAND	MD	R21AI117882	New Paradigms for Ribosome Recoding in (+)Strand Viruses	\$187,318
2016	SCANOGEN INC	MD	R43AI122527	Rapid Molecular Detection of Tuberculosis without PCR amplification	\$224,890
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI122922	A novel "shock and kill" strategy for eliminating Mtb persists in the CD4 T-cell-deficient host	\$243,000

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI119012	Lubricant Use and the Vaginal Microbiome	\$794,224
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124020	Molecular analyses of toxin nanopore structural dynamics	\$244,500
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI124546	FASEB SRC on Ubiquitin & Cellular Regulation	\$9,000
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126670	FASEB SRC on Molecular Biophysics of Membranes	\$7,000
2016	PROFECTUS BIOSCIENCES INC	MD	R44AI089290	Novel Mucosal Adjuvant for an HIV DNA Vaccine	\$733,632
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI121988	Role of CHOP During Sepsis	\$243,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI114925	Bacterial penetration of the blood-brain barrier	\$202,500
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI125260	ADCC and functional cure in SIV infection	\$703,973
2016	UNIVERSITY OF MARYLAND	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$455,332
2016	SANARIA INC	MD	R43AI124867	Manufacture of aseptic, purified, cryopreserved Plasmodium vivax sporozoites (PvSPZ Challenge) for controlled human malaria infection (CHMI)	\$300,000
2016	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$2,999,995
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126492	Evaluation of novel substrate specific inhibitors of ERK1/2 in the treatment of asthma	\$246,073
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$407,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI125181	Pathogenesis of E. coli and Shigella infections in human enteroid models	\$1,633,930
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$299,604
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$229,422
2016	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$380,000
2016	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$698,247
2016	UNIVERSITY OF MARYLAND	MD	R21AI115383	Newcastle Disease Virus Vecteded Vaccine against Poliomyelitis	\$228,000
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vecteded Vaccine to Protect Against Ebola and Marburg Viruses	\$1,208,817
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	\$136,739
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI114458	Assessing Social Justice in Economic Evaluation to Scale up Novel MDR-TB Regimens	\$413,463

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2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI110028	The POA-RpsA interaction in trans-translation inhibition in M. tuberculosis	\$58,002
2016	AKONNI BIOSYSTEMS INC	MD	R44AI085650	Diagnostic array for aseptic encephalitis	\$973,123
2016	JOHNS HOPKINS UNIVERSITY	MD	R01HD080474	Early Antiretroviral Therapy and HIV Remission in Perinatal Infection	\$221,705
2016	PROFECTUS BIOSCIENCES INC	MD	R44AI114319	An HIV Vaccine Strategy Based on Priming with rVSV Expressing FLSC	\$1,000,000
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111072	LAMPoles for Dengue Diagnosis	\$192,139
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI118402	High-throughput measurement and transcriptome analysis of the latent reservoir using HIV-1 RNA flow-FISH	\$243,000
2016	RAKTA THERAPEUTICS, INC.	MD	R41AI113998	Selective inhibitors of Heme Transporters as Antiparasitic Agents	\$352,188
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI123613	Characterization of Plasmodium GAPDH as a candidate for development of a malaria pre-erythrocytic vaccine	\$202,500
2016	J CRAIG VENTER INSTITUTE INC	MD	R00AI112691	Regulatory Circuits that Link Cell Fate and Virulence in Histoplasma Capsulatum	\$248,999
2016	JOHNS HOPKINS UNIVERSITY	MD	R33AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	\$498,800
2016	JOHNS HOPKINS UNIVERSITY	MD	R56AI118791	Anaphylatoxin regulation of the IL-33-ILC2 axis	\$405,000
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI124498	FASEB SRC on Calcium and Cell Function	\$8,000
2016	J CRAIG VENTER INSTITUTE INC	MD	R01AI125609	HTS Assay for P. falciparum apicoplast glutamyl-tRNA synthetase	\$511,250
2016	J CRAIG VENTER INSTITUTE INC	MD	R21AI122100	Somatic Mutation in the Etiology of Multiple Sclerosis	\$356,730
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI124777	Fate of Invisible U/A Base Pairs Within HIV DNA in Myeloid Phagocytic Cells	\$401,521
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI124776	PrimeFlow RNA for detection of latently-infected CD4+ T cells	\$262,508
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI120918	Therapeutic potential of PSG1 administration in GVHD	\$192,510
2016	SIGMOVIR BIOSYSTEMS INC	MD	R42AI109926	Development of VLP vaccine for RSV	\$933,962
2016	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$380,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110719	Role of sub-activation-threshold TCR interactions in maintaining T cell memory	\$369,015
2016	JOHNS HOPKINS UNIVERSITY	MD	K01AI110526	Identifying Transmission Routes for Cholera among Household Contacts of Cases	\$136,161
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	P01AI124912	Durable Antibody Mediated Protection Against HIV	\$3,215,425

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI123964	Secretin Architecture	\$241,288
2016	SANARIA INC	MD	R44AI085740	In-Vitro Culture of Plasmodium falciparum Sporozoites for Malaria Vaccine	\$999,997
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119733	Ultra-dense peptide array analysis of naturally acquired and vaccine-induced P. falciparum immunity	\$244,820
2016	UNIVERSITY OF MARYLAND	MD	R21AI122205	Nanotopographic modulation of B cell signaling activation	\$225,371
2016	SANARIA INC	MD	SB1AI055229	PfSPZ Vaccines: Quality Systems, Manufacturing, Regulatory, and Clinical Quality and Data Management Support for Product Commercialization	\$991,532
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI125534	Determinants of apicoplast maintenance in malaria parasites	\$383,300
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI113266	Closing the Gaps on Buruli Ulcer Diagnosis, Treatment, and Prevention	\$945,739
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$584,843
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$268,741
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI069314	Plasmodium falciparum gametocytogenesis	\$356,403
2016	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$243,000
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$379,781
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$121,986
2016	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$16,028,800
2016	UNIVERSITY OF MARYLAND	MD	R03AI116380	Development of an HIV reverse transcriptase aptamer-based detection assay	\$76,000
2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI125290	Early Peanut Introduction: Translation to Clinical Practice	\$859,996
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$1,177,188
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	\$118,800
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$260,664
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$521,199
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI108907	Influenza vaccine failure in adults over age 75: role of chronic CMV infection	\$601,128

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$185,121
2016	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$392,210
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI113475	Diagnosis of Strongyloides stercoralis by detection of DNA fragments in urine	\$186,300
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI117201	Role of Autophagy in Malaria Sporozoite Differentiation	\$202,500
2016	SANARIA INC	MD	R43AI118185	Development of a whole parasite Plasmodium falciparum sexual and mosquito stages Vaccine to Interrupt Malaria Transmission	\$312,663
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	UH2AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$591,785
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126653	FASEB SRC on Virus Structure and Assembly	\$8,000
2016	CELLEX INC	MD	R43AI122464	A RAPID ASSAY FOR DETECTION OF DETECTION OF CARBAPENEMASE PRODUCING ORGANISMS	\$213,341
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI125961	Control of type I interferon responses by p53	\$243,000
2016	ACCELEVIR DIAGNOSTICS, LLC	MD	R43AI124996	A Novel Test to Measure Latent Virus in HIV-1 Infected Patients	\$259,322
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI116658	Role of IgE Bearing Cells in Chronic Idiopathic Urticaria	\$405,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI116023	Dynamics in the Vaginal Ecosystem and Development of Vulvovaginal Candidiasis	\$40,176
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123820	Protection Against Gram-Negative Sepsis Conferred by Lipid A-Based Structural Variants	\$385,209
2016	OTOMAGNETICS LLC	MD	R43AI115850	Topical Middle Ear Drug Delivery without Tympanic Membrane Puncture	\$225,792
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI122631	Role of Semaphorin 4A in Allergic Inflammation	\$385,209
2016	JOHNS HOPKINS UNIVERSITY	MD	F31AI120780	Impact of Heterogeneity in Structural and Network Level Factors on HIV Treatment as Prevention in South Africa	\$43,576
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI121146	Epidemiology of CRE and MRSA transmission: patient and organism factors	\$606,118
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110259	HIV-1 acidic epitope discovery from broadly neutralizing seroantibodies	\$383,750
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI110852	A Systems Biology Approach to Malaria Immunity	\$740,904
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,955,892
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116274	Structural Targeting of Potentially Protective gp120 Epitopes in the C1/C2 Region	\$385,000

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2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$193,121
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$134,984
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,696,170
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,230,041
2016	JOHNS HOPKINS UNIVERSITY	MD	K24AI120834	Mentoring in Endocrine and Metabolic Abnormalities in HIV and Aging	\$177,189
2016	UNIVERSITY OF MARYLAND	MD	R21AI115086	Brain dissemination of Cryptococcus neoformans mediated by neutrophils	\$190,000
2016	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$1,096,039
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$557,452
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111101	Contribution of Certhrax to Virulence of Anthrax-like Bacillus cereus Strain	\$194,290
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	\$865,457
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101713	Genome-wide studies to identify markers of artemisinin-resistant malaria	\$454,763
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$182,779
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$387,575
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI109776	Immunoprophylactic Strategies to Control Emerging Enteric Infections	\$5,313,722
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$692,401
2016	ZALGEN LABS	MD	R44AI115754	Late-stage development toward commercialization of multineage point-of-care Lassa fever diagnostics	\$928,504
2016	JOHNS HOPKINS UNIVERSITY	MD	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$157,476
2016	AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC	MD	R21AI116256	Gag-mediated autophagy in HIV persistence	\$137,500
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI117032	A Droplet-based single cell platform for pathogen identification and AST	\$1,184,852
2016	JOHNS HOPKINS UNIVERSITY	MD	R21HD085859	Neutralization of the Latent HIV Reservoir in Perinatal Infection	\$202,500
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120008	Quantification of the HIV-1 Reservoir by Immuno-PCR	\$410,000
2016	JOHNS HOPKINS UNIVERSITY	MD	F31AI118244	Understanding cellular interactions and the immunobiology of the malaria liver stage	\$43,576

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI117095	Host-targeted therapeutics for pertussis in infants	\$230,999
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI122248	Role of maternal and infant vaccine-induced IgG in protection against pertussis	\$231,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R34AI123023	HOPE in Action: HIV-to-HIV Solid Organ Transplantation in the US	\$243,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI125841	Serological assays to predict Shigella vaccine efficacy	\$585,428
2016	UNIVERSITY OF MARYLAND	MD	R21AI123929	Improved Analysis of Metagenomes through the application of Read-Sized Profile HMMs to Marker Gene Subsequences	\$223,399
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI118606	Isolation of Regulators of Immune Cell Behavior	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	K24AI118591	Patient-Oriented Research and Mentorship in HIV and Non-Communicable Diseases	\$152,146
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$364,500
2016	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$1,179,653
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$4,610,380
2016	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$989,298
2016	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$1,000,000
2016	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,865,186
2016	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$1,559,206
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$405,000
2016	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$1,129,038
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$438,858
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI113910	The use of genetically humanized IL-10 mice to determine the molecular basis of allele-specific gene expression and disease susceptibility	\$405,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F30AI114195	The effect of malaria during pregnancy on infant susceptibility to malaria	\$37,402
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI116269	Immune correlates of acute HBV recovery with and without HIV	\$666,387

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2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI112763	The role of TAX1BP1 in the innate immune response to virus infection	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	K24AI114769	Mentoring in Patient-Oriented Research on Asthma and the Indoor Environment	\$184,514
2016	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI118470	A Flexible Approach to Inhibiting HIV NCp7	\$190,912
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI112367	Safety and efficacy of PfSPZ malaria vaccine in malaria -exposed adults	\$626,608
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI124506	Calprotectin and metal withholding during Candida albicans invasion of the kidney	\$54,774
2016	JOHNS HOPKINS UNIVERSITY	MD	F31AI124794	Disparities in the HIV Care Continuum among Hispanics in the United States	\$48,576
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI122223	Transmission of Antibiotic-resistant Gram-negative Bacteria in Nursing Homes	\$77,000
2016	REVERAGEN BIOPHARMA INC	MD	R41AI122780	Effectiveness of VBP15, a dissociative steroidal analogue, on chronic inflammation in a mouse model of multiple sclerosis	\$253,802
2016	JOHNS HOPKINS UNIVERSITY	MD	K23AI125715	Dysbiosis, Recurrent Bacterial Vaginosis and the Vaginal Microbiome	\$184,248
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119633	Microbiota Transplantation: Recommendations for a Regulatory Framework	\$230,250
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119540	The Role of a Dehalogenase in Drosophila Spermatogenesis	\$193,309
2016	JOHNS HOPKINS UNIVERSITY	MD	R03AI111300	RICKETTSIAL INFECTIONS IN MALAYSIA	\$81,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114496	Lymph Node Structure and Function in Tolerance: Role of Laminins	\$383,750
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI112208	Analysis of molecular factors influencing variability of mosquito gut microbiota	\$58,002
2016	UNIVERSITY OF MARYLAND	MD	R01AI125561	Role of host protein GBF1 in organizing enterovirus replication complexes	\$386,750
2016	KAMTEK, INC	MD	R43AI122531	In Vivo Efficacy Studies of Clofazimine against CDAD in Hamster Model	\$240,553
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI120938	Unlocking the Potential of HIV-Infected Deceased Donors for Organ Transplantation	\$803,164
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$630,379
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure & Function of Clostridium difficile Type IV Pili	\$519,993
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI127142	Macrophage Ontogeny and Polarization in HIV/SIV Infection	\$775,742
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI052733	Biology of Fungal Melanin	\$533,181
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$521,301

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126300	Diabetic Comorbidity and MERS Coronavirus Pathogenesis	\$233,337
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$55,655
2016	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$442,864
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$695,997
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$405,176
2016	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$187,448
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$2,938,698
2016	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$5,663,547
2016	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$791,478
2016	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$2,149,121
2016	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$318,271
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$588,329
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulinitis in Autoimmune Diabetes	\$414,503
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	\$422,637
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$765,732
2016	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	\$185,121
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	\$393,346
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI115703	Human DC Subtypes in Regulating T-Helper-2 Responses	\$405,000
2016	BIOLOGICAL MIMETICS, INC	MD	R44AI085683	Development of the first HRV vaccine	\$999,998
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$668,698
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110627	EXPLORATION OF PROTECTIVE IMMUNITY INDUCED BY SALMONELLA COPS: FLIC CONJUGATES	\$374,388
2016	J CRAIG VENTER INSTITUTE INC	MD	U19AI110819	The J. Craig Venter Institute Genome Center for Infectious Diseases	\$6,568,797
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$614,252

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2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI110925	Catalysis In the Membrane: Developing Direct Assays for High-Throughput Screening	\$405,000
2016	JOHNS HOPKINS UNIVERSITY	MD	F32AI118303	Repurposing of ABL kinase inhibitors for treatment of Coronavirus infections	\$51,660
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	\$210,609
2016	JOHNS HOPKINS UNIVERSITY	MD	R24AI118397	Long-Acting/Extended Release Antiretroviral Resource Program (LEAP)	\$485,255
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	\$389,992
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI121805	Towards a new regimen to treat mycobacterial infection in cystic fibrosis patients	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI125402	Defining redundant strategies central to Legionella replication vacuole formation	\$383,300
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122068	Antibody-based prophylactic EBV vaccine	\$231,012
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126184	JEDI negatively regulates TCR-signaling in chronically-stimulated T cells	\$231,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI121766	Epithelial Cell-dependent Activation of Human Basophils	\$243,000
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI124765	Structure-guided redesign of monoclonal antibodies targeting conserved filovirus epitopes	\$284,365
2016	PROFECTUS BIOSCIENCES INC	MD	R43AI122371	DNA Prime / Subunit Boost Multi-Antigen Universal Influenza Vaccine	\$299,921
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI122403	Broadly Protective Bispecific Antibodies for Treatment of Ebola Virus Disease	\$229,991
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI114996	Mentoring and patient-oriented research in malaria	\$170,406
2016	BIOLOGICAL ANTI-INFECTIVE MEDICINES LLC	MD	R42AI106375	Humanized Monoclonal Antibody to Treat Acinetobacter Infections	\$982,415
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI117734	Vaccines and maternally acquired immunity to prevent shigellosis in children	\$380,219
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI123931	Characterizing the Spatial Temporal Dynamics and Human Health Risks of Vibrio parahaemolyticus Bacteria in Estuarine Environments	\$543,510
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI126853	Rickettsia-host interface and multiple paths to invasion	\$558,949
2016	PROTEIN POTENTIAL LLC	MD	R43AI127050	Multivalent Oral Vaccine against Enterotoxigenic Escherichia coli and Enteric Fevers	\$297,487
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$469,830

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$383,750
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$377,783
2016	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$413,019
2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$2,700,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$383,750
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$405,000
2016	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$1,553,871
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$372,562
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$599,662
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC	\$1,270,480
2016	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$779,398
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI114405	Towards complete sustained release nanoformulations of NRTI based regimens	\$622,001
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI114438	Evaluating Demand Generation (Stylish Man) for HIV/Family Planning Services Rakai	\$777,589
2016	JOHNS HOPKINS UNIVERSITY	MD	R03AI117169	Impact of decolonization on MRSA transmission in neonates	\$87,642
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI118303	Repurposing of ABL kinase inhibitors for treatment of Coronavirus infections	\$3,458
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI110324	HIV Incidence, Transmission Dynamics and Combination HIV Prevention: Rakai Uganda	\$556,146
2016	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$396,692
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI113989	Exploring Anopheles micro RNAs for malaria control	\$243,000
2016	JOHNS HOPKINS UNIVERSITY	MD	U24AI118633	Development of Highly Multiplex Antigen Specificity Assays	\$565,094
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI108695	Natural infection of norovirus and sapovirus in a birth cohort in a Peruvian periurban community	\$1,026,245
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119580	Identifying genes essential for Legionella persistence and transmission	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI114507	Validation of RelA as a Target for Mycobacterium Tuberculosis Persisters	\$243,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI121072	Biosynthesis of Beta Lactam Antibiotics	\$523,822
2016	MEDIGEN INC	MD	R44AI094863	Novel DNA-Launched Attenuated Vaccine for VEE Virus SBIR Phase II	\$811,565
2016	JOHNS HOPKINS UNIVERSITY	MD	K01AI125086	Revealing women's hidden role as critical components of HIV transmission networks in Rakai, Uganda: an interdisciplinary approach	\$127,561
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI126108	Characterizing gene family expansion in an atypical bacterial secretion system	\$231,000
2016	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI126647	FASEB SRC on IgE and Allergy: 50 Years and Onward	\$7,000
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI127286	Feasibility of measuring HIV-related mortality during population-based surveys in Africa	\$234,953
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI121768	Mannose Receptor, miR-511-3p, and Macrophage Polarization in Asthma	\$255,454
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI126896	Human in vivo Th17 cell responses in cutaneous immunity to Staphylococcus aureus	\$243,000
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI112209	Characterization of peptidoglycan from the human pathogen Chlamydia trachomatis	\$58,002
2016	JOHNS HOPKINS UNIVERSITY	MD	F31AI122613	Cleavage of Bcl-xL by Caspases contributes to cell death in vivo	\$43,576
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$174,635
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI116324	Implementation strategies for a new point-of-care test for early infant diagnosis	\$631,007
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI120634	Understanding the Impacts of HLA-DO in vivo	\$405,000
2016	UNIVERSITY OF MARYLAND	MD	R01AI110740	Catheter associated urinary tract infection by Pseudomonas aeruginosa	\$470,507
2016	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,072,847
2016	Emmes Company, LLC, The	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$783,547
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$176,113
2016	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$999,996
2016	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$531,911
2016	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$3,473,155
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI123320	Role of PrrF and PrrH regulation in Pseudomonas aeruginosa pathogenesis	\$456,709
2016	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$129,753
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI117065	Incentives for Suppression of HIV-1 RNA in People Living with HIV	\$768,038
2016	PROTEIN POTENTIAL LLC	MD	R43AI106158	Live Attenuated Oral Typhoid-Shigellosis Vaccine	\$301,810

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$381,112
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116799	Longitudinal Study of the Vaginal Microbiome Prior To Incident STI	\$736,048
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI109338	Engineering Herpesviruses using Synthetic Genomics	\$209,418
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI119949	Copper as a nutrient for Candida albicans at the host-pathogen interface	\$464,529
2016	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$386,814
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119566	Sphingosine-1-phosphate signaling in pertussis pathogenesis and therapeutics	\$191,875
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI119547	The Role of ARNO-Arf6 signaling in barrier stability and chronic rhinosinusitis	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI120024	A mouse viral outgrowth assay for the detection of residual HIV-1 reservoirs	\$405,000
2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110843	Development of a prototype Klebsiella O polysaccharide conjugate vaccine	\$191,875
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI117168	vIRF-1 regulation of mitophagy in HHV-8 biology	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	F31AI124645	Impact of Targeted IRS and Population Movement on Malaria in Northern Zambia	\$43,576
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI121517	Helicobacter pylori CagA toxin polymorphism	\$229,044
2016	UNIVERSITY OF MARYLAND	MD	R56AI118908	Structural Analysis of the TCR-CD3 Complex and TCR Signaling	\$700,370
2016	SCANOGEN INC	MD	R43AI124871	Bloodstream infection detection directly on whole blood	\$224,996
2016	JOHNS HOPKINS UNIVERSITY	MD	R34AI124954	Oxfendazole as a Broad Spectrum Deworming Medicine in Humans: Phase II Efficacy Study in Geohelminths	\$233,227
2016	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI122029	A novel approach for developing inactivated chikungunya virus vaccine	\$192,510
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI126176	Pathogenesis of bacterial meningitis	\$202,500
2016	UNIVERSITY OF MARYLAND	MD	T32AI125186	Graduate Training in Virology	\$268,649
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI127149	Measuring TB Drugs in Hair as a Tool to Monitor Adherence, Exposure and Response in Patients with HIV	\$203,715
2016	JOHNS HOPKINS UNIVERSITY	MD	R21AI122382	Targeting Latently Infected Primary Cells using Integrated Glycoproteomics	\$202,500
2016	JOHNS HOPKINS UNIVERSITY	MD	R01AI120733	The Impact of HCV Infection on Bone Turnover, Density, and Strength	\$789,268
2016	SANARIA INC	MD	R44AI125009	A glycolipid adjuvant to promote dose sparing, accelerate immunization schedules and extend durability of high-level protection with a live attenuated sporozoite malaria vaccine	\$1,000,000

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2016	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$687,626
2016	AMERICAN GASTROENTEROLOGICAL ASSOCIATION INSTITUTE INC	MD	R24AI118629	Fecal Microbiome Transplant National Registry	\$593,080
2016	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-containing Virulence Regulators of Pathogenic Streptococci	\$423,360
2016	JACKSON LABORATORY (THE)	ME	K22AI119231	Community organizing: Harnessing the interactions of the microbiome as a basis for novel therapeutic strategies	\$162,000
2016	JACKSON LABORATORY (THE)	ME	U01AI124297	Combination Adjuvants to Activate Human Dendritic Cell Subsets and B Cells	\$692,040
2016	JACKSON LABORATORY (THE)	ME	R01AI121920	Decoding Immunological perturbations during Chronic Fatigue Syndrome	\$652,055
2016	WAYNE STATE UNIVERSITY	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$973,967
2016	Regents of the University of Michigan	MI	R21AI110907	Development of a human norovirus cell culture model	\$226,480
2016	Regents of the University of Michigan	MI	R21AI117371	Characterizing the Respiratory Microbiome Via a Novel, Non-Invasive Technique	\$232,500
2016	Regents of the University of Michigan	MI	R01AI118886	Fidelity, robustness, and diversity in RNA virus evolution and pathogenesis	\$397,708
2016	Regents of the University of Michigan	MI	R37AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$387,500
2016	Regents of the University of Michigan	MI	R33AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$458,787
2016	Regents of the University of Michigan	MI	R56AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$574,148
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI117018	Non-competitive proteasome inhibitors to treat chronic, drug-resistant tuberculosis	\$180,825
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI116605	Mechanisms of Mycobacterium Tuberculosis pH-driven Adaptation	\$392,824
2016	Regents of the University of Michigan	MI	F31AI126651	Characterization of the Mechanism of Glycine induced Germination of Clostridium difficile Spores	\$34,502
2016	Regents of the University of Michigan	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$541,282
2016	Regents of the University of Michigan	MI	K08AI119182	Population Dynamics of Rotavirus: A Combined Theoretical, Bioinformatic and Laboratory Based Approach	\$179,960
2016	Regents of the University of Michigan	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell developmen	\$387,412
2016	Regents of the University of Michigan	MI	R21AI114220	Respiratory viral infection and microRNA in children with asthma	\$193,750
2016	Regents of the University of Michigan	MI	R21AI120599	Host and Microbial Biomarkers Related to the Development of Complicated Clostridium difficile Infection	\$193,750

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2016	MICHIGAN STATE UNIVERSITY	MI	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$50,871
2016	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$343,628
2016	HENRY FORD HEALTH SYSTEM	MI	R01AI110450	EPIDEMIOLOGY OF ALLERGIC DISEASE ENDOTYPES	\$367,129
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI122808	Novel Immunomodulating Therapeutics for HIV-1 Treatment	\$223,288
2016	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$641,007
2016	Regents of the University of Michigan	MI	R01AI121156	Innate T cell metabolism and immune diseases	\$387,500
2016	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$387,500
2016	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$383,750
2016	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$267,420
2016	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	\$389,410
2016	WAYNE STATE UNIVERSITY	MI	R21AI122256	Mechanism of Humoral Immune Defects in Autoimmune Polyglandular Syndrome Type 1	\$226,863
2016	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$136,984
2016	MICHIGAN STATE UNIVERSITY	MI	R03AI111054	Virus like particles as carriers for carbohydrate based anti-Salmonella vaccines	\$76,750
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$376,605
2016	Regents of the University of Michigan	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$381,175
2016	Regents of the University of Michigan	MI	R01AI091627	Notch Signaling in Alloimmunity	\$402,650
2016	Regents of the University of Michigan	MI	R01AI120607	ENDOLYSOSOMAL FUNCTION IN CHRONIC TOXOPLASMA INFECTION	\$371,170
2016	Regents of the University of Michigan	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,025
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI120189	To eradicate the HIV macrophage reservoir	\$197,030
2016	Regents of the University of Michigan	MI	R21AI121721	Development of Adaptive Immunity to Influenza A: A Longitudinal Study of Anti-Hemagglutinin Antibodies, Their Cross-Reactivity and Protection in Children	\$271,250
2016	LAKE SUPERIOR STATE UNIVERSITY	MI	R03AI126233	Synthesis and Antimicrobial Evaluation of Diverse 3,4-Dihydroquinazolines	\$70,133
2016	Regents of the University of Michigan	MI	R33AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$465,000
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI122863	Mechanism of HIV-1 Env Degradation by the ERAD pathway	\$232,500
2016	Regents of the University of Michigan	MI	R01AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$296,946
2016	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$399,610
2016	Regents of the University of Michigan	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$374,583

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2016	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	\$431,392
2016	Regents of the University of Michigan	MI	U19AI110502	Epigenomics of Systemic Autoimmunity	\$455,535
2016	Regents of the University of Michigan	MI	R21AI120815	Effects of lymphoid tissue stromal cells on cell-to-cell HIV-1 spread	\$224,635
2016	Regents of the University of Michigan	MI	U01AI124255	Systems biology of Clostridium difficile infection	\$2,057,620
2016	VAN ANDEL RESEARCH INSTITUTE	MI	R21AI129872	On-chip Glycan Analysis of Clinical Specimens	\$326,443
2016	Regents of the University of Michigan	MI	R21AI122098	In vivo photoacoustic biopsy for intestinal strictures in Crohn's disease	\$202,800
2016	WAYNE STATE UNIVERSITY	MI	R01AI121400	A Pharmacologic Approach to Prevent Daptomycin Resistance in VRE	\$396,425
2016	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$342,923
2016	Regents of the University of Michigan	MI	R01AI116791	Vaccine to prevent E. coli urinary tract infection	\$371,144
2016	Regents of the University of Michigan	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$381,871
2016	Regents of the University of Michigan	MI	R01AI106806	Dynamic regulation of B cell recruitment in T-dependent humoral immune response	\$414,906
2016	Regents of the University of Michigan	MI	R00AI093884	CELLULAR AND MOLECULAR BASIS OF GAMMA/DELTA T CELL ANTIGEN RECOGNITION	\$233,735
2016	Regents of the University of Michigan	MI	R21AI116416	T. GONDII CHLOROQUINE RESISTANCE TRANSPORTER AND REDOX	\$232,500
2016	WAYNE STATE UNIVERSITY	MI	R01AI118992	Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1	\$376,320
2016	Regents of the University of Michigan	MI	R01AI123093	Predicting protective T-cell responses in Tuberculosis using a systems biology approach	\$767,668
2016	Regents of the University of Michigan	MI	R56AI123262	Accommodation in Transplantation	\$387,500
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI126359	Footprint analyses of AID cytosine deamination	\$227,331
2016	Regents of the University of Michigan	MI	R56AI127070	Elicitation of mucosal immune responses against HIV	\$387,500
2016	MICHIGAN STATE UNIVERSITY	MI	R01AI113257	Rapid in-field malaria diagnosis, prognosis and monitoring using a mobile phone	\$474,876
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI121748	Defining the role of the early infant microbiome in mediating allergic outcomes associated with asthma in a mouse model	\$193,750
2016	Regents of the University of Michigan	MI	R01AI117229	miR-29b and autophagy regulate alveolar macrophage function post-BMT	\$444,373
2016	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,577,614
2016	Regents of the University of Michigan	MI	U19AI116482	Engineered human intestinal organoids: a modular system to model enteric disease	\$1,201,933
2016	MICHIGAN STATE UNIVERSITY	MI	R21AI111192	Disease dynamics of campylobacteriosis in the ferret model	\$188,385

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2016	TSRL, INC	MI	R44AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$990,162
2016	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	\$388,750
2016	Regents of the University of Michigan	MI	R21AI119463	Oral Microbiota and Influenza Infection	\$116,250
2016	Regents of the University of Michigan	MI	R01AI123957	Calreticulin-mediated protein folding in health and disease	\$387,500
2016	Regents of the University of Michigan	MI	UH2AI128900	Recombinant Fc Chimeras of R-spondin 1 and Slit2 for Medical Countermeasure of Chronic Radiation Syndrome	\$86,722
2016	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$304,991
2016	WAYNE STATE UNIVERSITY	MI	R01AI123352	Shaping Next Generation Aminoglycoside Antibiotics for Treatment of Multidrug- Resistant Diseases	\$642,735
2016	Regents of the University of Michigan	MI	R21AI117561	Enhancing resistance to enteric pathogens	\$193,750
2016	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$1,695,940
2016	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	\$77,500
2016	Regents of the University of Michigan	MI	F31AI118274	Trafficking of host proteins into Toxoplasma via a novel ingestion pathway	\$34,708
2016	Regents of the University of Michigan	MI	R33AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$465,000
2016	Regents of the University of Michigan	MI	R21AI115117	B Cell Exosome and Nanoparticle Treatment of Allergic Asthma	\$193,750
2016	Regents of the University of Michigan	MI	F31AI125090	Investigating the Role of Innate Immune Factors in Restricting HIV Spread in Macrophages	\$34,520
2016	HENRY FORD HEALTH SYSTEM	MI	R01AI119041	microRNAs and NKT cell development and function	\$249,167
2016	Regents of the University of Michigan	MI	R01AI127070	Elicitation of mucosal immune responses against HIV	\$94,093
2016	MAYO CLINIC	MN	R21AI125747	Measles virus airway epithelium entry, and rapid cell-to-cell spread	\$248,281
2016	UNIVERSITY OF MINNESOTA	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$380,000
2016	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$397,500
2016	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$397,500
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$464,440
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$380,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$869,444
2016	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$397,500
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI116305	Dual Mechanisms for APOBEC3 Suppression by HIV-1 Vif	\$31,066

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2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI120601	Pathway for functional characterization of hypothetical genes and non-coding RNAs of Enterococcus faecalis	\$190,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI118511	Phased Implementation of a Public Health Programme: Cryptococcal Screening and Treatment in South Africa	\$601,458
2016	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$690,241
2016	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$96,550
2016	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$496,999
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T Cells	\$380,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$371,378
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI117173	Dynamics of Anaplasma phagocytophilum infection through tick development	\$190,000
2016	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R21AI115416	Infection Prevention in Total Knee Replacement	\$208,763
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI121587	Gene enhancer mapping technology in Anopheles	\$229,216
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI122352	Control of cryptococcal infection through manipulation of the host immune response.	\$228,000
2016	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$397,500
2016	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$231,276
2016	MAYO CLINIC	MN	R01AI096967	Immuno-evasive Mucosal Vaccines Against HIV-1	\$780,426
2016	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$475,237
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$126,703
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U24AI118635	Multiplex immune analysis of antigen specific CD4+ T cells in autoimmune diabetes	\$684,645
2016	MACALESTER COLLEGE	MN	R15AI113620	Contributions of mast cells to intersections of allergy and pain pathways	\$26,198
2016	MAYO CLINIC	MN	R01AI120698	Evaluating the role of the novel apoptosis inhibitor TRAILshort, in maintaining HIV persistence.	\$505,728
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038903	T cell homeostasis	\$373,817
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$382,121
2016	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,729,938
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$380,000
2016	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$161,743
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI113406	Developing methods to engineer therapeutic proteases	\$181,329

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2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI119896	Capturing Alphavirus Pre-Fusion Intermediates on a TEM Grid	\$190,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$670,172
2016	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	\$368,988
2016	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$397,500
2016	MAYO CLINIC	MN	R21AI125870	Disappearance of rifampin resistance in MRSA foreign body osteomyelitis	\$198,750
2016	MAYO CLINIC	MN	R21AI114833	Measles virus as a tool for iPSC-independent tissue specific reprogramming	\$238,500
2016	MAYO CLINIC	MN	R21AI119612	Targeting macrophage Bcl6 to enhance innate resistance to influenza	\$212,106
2016	MAYO CLINIC	MN	K08AI122838	Engineering an HIV-resistant immune system for HIV cure	\$170,446
2016	MAYO CLINIC	MN	R01AI120949	Mechanisms Regulating Human NK Cell Cytotoxicity	\$397,500
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$175,691
2016	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$124,895
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$210,450
2016	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$380,000
2016	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	\$1,070,498
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI114050	Investigating self tolerance in the polyclonal CD4 T cell repertoire	\$58,002
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125729	High affinity IgG Fc receptor FcγRIA variants as novel genetic markers for sarcoidosis	\$190,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI125821	(Re)generating new drug leads for schistosomiasis	\$240,257
2016	HUMANETICS CORPORATION	MN	R43AI127113	Development of BIO 300 as a MCM for lethal radiation pneumonitis/fibrosis	\$299,035
2016	MAYO CLINIC	MN	R01AI127365	Genetic Markers of Long-Term Mumps Vaccine Immunity	\$719,830
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI123146	The impact of pyrazinamide on metabolism in Mycobacterium tuberculosis.	\$380,000
2016	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$449,096
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$456,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$380,000
2016	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$480,555

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF MINNESOTA	MN	K22AI110581	Harnessing microRNAs to explore influenza virus immunity	\$108,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI116678	Generation and function of "long-lived effector" memory CD8 T cells	\$378,179
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$1,205,659
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K25AI118476	Mathematical modeling and analysis of HIV care trajectories and retention in care challenges	\$129,978
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T35AI118620	Medical Student Summer Research Program in Infection and Immunity	\$29,782
2016	HEALTHPARTNERS INSTITUTE	MN	R21AI122141	Safety of Live versus Inactivated Influenza Vaccine in Asthmatic Children	\$231,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI122742	Functional genomics analysis of colonization and persistence of Enterococcus faecalis in the gastrointestinal tract.	\$501,770
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI123600	Integrin regulation of memory CD8 T cells	\$190,000
2016	UNIVERSITY OF MINNESOTA	MN	R21AI121602	Antibiotics targeting siderophore receptors	\$240,740
2016	MAYO CLINIC	MN	R21AI125719	Maintenance and targeting of bone marrow derived allo-reactive human plasma cells	\$238,500
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R34AI118416	Epitope mismatch and medication nonadherence	\$245,238
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI125127	Reservoir Dynamics in Patients Treated in Very Early Acute HIV Infection	\$654,285
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$462,062
2016	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$384,229
2016	UNIVERSITY OF MINNESOTA	MN	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	\$380,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI114722	The role of bile acid metabolism recovery in treatment of C. difficile infection	\$188,234
2016	UNIVERSITY OF MINNESOTA	MN	UM1AI120197	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT): START	\$29,418,022
2016	MAYO CLINIC	MN	R21AI116839	Enhanced Ascertainment of Asthma Status Via Natural Language Processing	\$238,500
2016	UNIVERSITY OF MINNESOTA	MN	R21AI119395	MicroRNA regulation of CD38 and chemokine genes in human airway smooth muscle	\$228,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI125003	Cryptococcal Antigen Screening plus Sertraline (C-ASSERT)	\$657,893
2016	UNIVERSITY OF MINNESOTA	MN	R01AI121858	Allosteric and Transport Mechanisms in TonB-dependent Transporters	\$380,000
2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI120312	Protection from cerebral malaria in mice by cytokine-stimulated NK cells	\$56,118

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2016	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI124512	Development of Immune tolerance	\$393,200
2016	WASHINGTON UNIVERSITY	MO	F32AI112274	Mechanism of IFIT-Mediated Antiviral Effects	\$59,970
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$749,422
2016	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$6,697,676
2016	WASHINGTON UNIVERSITY	MO	R01AI125045	Preclinical studies of a Cryptococcus vaccine for AIDS patients	\$657,471
2016	SAINT LOUIS UNIVERSITY	MO	R21AI127196	Assembly of HIV intasomes	\$189,375
2016	INTACT GENOMICS INC	MO	R44AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	\$900,553
2016	SAINT LOUIS UNIVERSITY	MO	R01AI122669	Optimization of alpha-hydroxytropolones as novel inhibitors of the HBV RNaseH	\$452,993
2016	WASHINGTON UNIVERSITY	MO	F32AI115965	Elucidating the role of heat shock protein 101 in malaria effector protein export	\$42,089
2016	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$330,000
2016	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$375,000
2016	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	\$380,000
2016	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	\$126,838
2016	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$380,000
2016	SAINT LOUIS UNIVERSITY	MO	R01AI104494	A screen for antiviral compounds targeting the Hepatitis B Virus ribonuclease H	\$337,500
2016	WASHINGTON UNIVERSITY	MO	R01AI108749	EBPA-FIBROGEN INTERACTION IN ENTEROCOCCUS FAECALIS CAUTI	\$381,250
2016	WASHINGTON UNIVERSITY	MO	K22AI116258	Identification of novel protein-RNA interactions during HIV-1 particle genesis	\$108,000
2016	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$588,918
2016	WASHINGTON UNIVERSITY	MO	R01AI123394	STRUCTURAL, MECHANISTIC, & EVOLUTIONARY CHARACTERIZATION OF TETRACYCLINE DESTRUCTASES	\$685,916
2016	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$668,643
2016	WASHINGTON UNIVERSITY	MO	P01AI116501	Pathways Regulating Lung Transplant Tolerance	\$1,451,526
2016	WASHINGTON UNIVERSITY	MO	R21AI115139	REGULATION OF COMPLEMENT ACTIVATION BY SALP20 PROTEIN	\$228,750
2016	WASHINGTON UNIVERSITY	MO	R21AI126150	CONTROL OF PERIPHERAL T CELL FUNCTION BY SELF-PEPTIDE/MHC	\$190,625

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2016	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2016	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$457,325
2016	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	\$592,343
2016	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	\$1,272,041
2016	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	\$381,250
2016	SAINT LOUIS UNIVERSITY	MO	R21AI112919	Next Generation Sequencing based analysis of RNA polymerase functions	\$189,375
2016	WASHINGTON UNIVERSITY	MO	R01AI111605	INTERFERON SIGNAL ENHANCERS AS ANTIVIRAL THERAPEUTICS	\$440,934
2016	SAINT LOUIS UNIVERSITY	MO	R03AI115321	Frequency and pattern of resistance mutations to novel inhibitors of HSV-1	\$75,750
2016	WASHINGTON UNIVERSITY	MO	K22AI119367	Memory CD8 T cell-mediated antiviral protection of the peripheral nervous system	\$108,000
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI121938	Strain-specific and pan-filoviral aptamer recognition of Ebola virus glycoproteins	\$187,630
2016	WASHINGTON UNIVERSITY	MO	F30AI120339	Role of glycan precursor transporters in Cryptococcus neoformans virulence	\$29,930
2016	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$593,980
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI110420	TCR signal transduction in the regulation of T cell memory	\$359,822
2016	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$306,903
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$383,750
2016	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$367,383
2016	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$249,999
2016	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$342,000
2016	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$380,000
2016	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	\$376,543
2016	WASHINGTON UNIVERSITY	MO	R01AI112508	IDENTIFICATION OF THE ANTIMALARIAL TARGET OF PEPSTATIN ESTERS	\$381,250
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112725	A cyclic di-GMP signaling system of spores of Bacillus anthracis	\$187,210
2016	WASHINGTON UNIVERSITY	MO	R03AI120840	NANOSCALE ARCHITECTURE OF ESCRT MACHINERY IN HIV RELEASE	\$76,250

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2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$525,350
2016	WASHINGTON UNIVERSITY	MO	R21AI127172	MODIFYING THE LUNG TO INDUCE STERILE VACCINE-INDUCED PROTECTION AGAINST MTB INFECTION	\$190,625
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI121315	Taking aim at HBV eradication using novel NRTIs and Capsid effectors	\$617,972
2016	WASHINGTON UNIVERSITY	MO	R21AI126652	ROLE OF CTCF IN HTLV-1 PATHOGENESIS	\$190,625
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI116595	The parvovirus-induced DNA damage response and cell cycle perturbations	\$379,662
2016	WASHINGTON UNIVERSITY	MO	R37AI049653	DIFFERENTIATION AND FUNCTION OF MONOCYTES AND MACROPHAGES	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI126887	Molecular Microbiology of Enterotoxigenic E. coli Pathogen-Host Interactions	\$412,525
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI127195	RNA Aptamers that Differentiate Among HIV-1 Capsid Assembly States	\$191,875
2016	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$1,092,701
2016	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$396,286
2016	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$380,000
2016	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$387,407
2016	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	\$387,000
2016	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	\$168,709
2016	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$135,853
2016	WASHINGTON UNIVERSITY	MO	R21AI115734	CHROMATIN-BASED DISCOVERY AND FUNCTION OF NOVEL TCR REGULATORY ELEMENTS	\$190,625
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R03AI109334	Micro-evolution of Arthritogenic Mycoplasma hominis in a Single Patient	\$76,750
2016	WASHINGTON UNIVERSITY	MO	K08AI120854	CONTROL OF HIV REPLICATION BY CYCLIN L2	\$164,519
2016	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI117808	Galectins in Bti tolerance and resistance in the mosquito Aedes aegypti	\$188,750
2016	WASHINGTON UNIVERSITY	MO	R01AI123926	Multi-platform High Throughput Screens for Filoviral Replication Inhibitors	\$635,024

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2016	WASHINGTON UNIVERSITY	MO	R01AI126909	Pathogenesis of HRPII in Cerebral Malaria	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R21AI121939	ENVIRONMENTAL ENTEROPATHY AND THE VIROME	\$228,750
2016	WASHINGTON UNIVERSITY	MO	R01AI125743	HISTAMINE-INDEPENDENT MAST CELL NERVE INTERACTIONS IN ALLERGY	\$381,250
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$579,079
2016	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$304,000
2016	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$380,000
2016	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$646,293
2016	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$530,000
2016	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	\$430,086
2016	WASHINGTON UNIVERSITY	MO	K08AI113184	THE MICROBIOTA AND MUCOSAL IMMUNE RESPONSES IN THE DEVELOPMENT OF ASTHMA	\$149,922
2016	WASHINGTON UNIVERSITY	MO	R21AI114549	ENDOTHELIAL FACTORS IN CRYPTOCOCCAL MIGRATION ACROSS THE BLOOD-BRAIN BARRIER	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$910,617
2016	WASHINGTON UNIVERSITY	MO	R01AI114551	AUTOIMMUNE DIABETES: EARLY EVENTS IN ISLETS OF LANGERHANS	\$455,659
2016	WASHINGTON UNIVERSITY	MO	R01AI125363	INVESTIGATING TYPE VI SECRETION IN ACINETOBACTER BAUMANNII AND ITS INTERPLAY WITH ANTIBIOTIC RESISTA	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$935,452
2016	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI113118	UNDERSTANDING AUTOREACTIVE T CELL PATHOGENICITY	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$415,291
2016	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$506,896
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$413,171
2016	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$342,000

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2016	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	\$380,000
2016	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R21AI119917	NOVEL NEMATODE MODELS FOR VIRAL INFECTION	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	\$381,250
2016	WASHINGTON UNIVERSITY	MO	R21AI120673	SYNTHESIS OF CATIONIC STEROID COMPOUNDS FOR DETECTION OF BACTERIAL INFECTIONS	\$228,125
2016	WASHINGTON UNIVERSITY	MO	R21AI119506	MECHANISMS OF EXTRACORPOREAL PHOTOPHERESIS IN THE TREATMENT OF LUNG ALLOGRAFT REJECTION	\$190,625
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI119634	IL-1 Immunopathology of Brucellosis	\$191,875
2016	WASHINGTON UNIVERSITY	MO	R21AI119928	DETECTION AND DISCOVERY OF VIRUSES IN PEDIATRIC ACUTE LIVER FAILURE	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R21AI120606	CHROMATIN-BASED DISCOVERY OF ILC GENE REGULATORY CIRCUITS	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$524,416
2016	WASHINGTON UNIVERSITY	MO	P01AI120943	Structural and Functional Characterization of the Ebola Virus Replication Complex	\$2,876,287
2016	WASHINGTON UNIVERSITY	MO	R01AI118938	The Role of IFI35 in Innate Immunity and Influenza Pathogenesis	\$376,000
2016	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$926,653
2016	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$381,047
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$340,977
2016	SAINT LOUIS UNIVERSITY	MO	R03AI111047	A High throughput Reverse Genetics System for Hepatitis C Virus	\$75,750
2016	WASHINGTON UNIVERSITY	MO	R21AI119684	CYCLIC PEPTIDE INHIBITORS OF BACTERIAL TYPE IV SECRETION SYSTEMS	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R21AI115442	NOVEL ANTIVIRAL IMMUNITY IN C. ELEGANS	\$190,625
2016	SAINT LOUIS UNIVERSITY	MO	K22AI104794	IMMUNE CONTROL OF WEST NILE VIRUS QUASISPECIES DYNAMICS	\$160,706
2016	WASHINGTON UNIVERSITY	MO	R33AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$479,439
2016	WASHINGTON UNIVERSITY	MO	K08AI121422	IMPROVED ANTIGEN DETECTION TESTS FOR FILARIAL INFECTIONS	\$162,155

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2016	WASHINGTON UNIVERSITY	MO	R21AI122726	REGULATION OF OF GENOME ARCHITECTURE IN LYMPHOCYTES: OPPOSING TETHER AND BOUNDARY FUNCTIONS	\$190,625
2016	WASHINGTON UNIVERSITY	MO	R01AI114635	Roles of sialidase in G. vaginalis-host interactions during bacterial vaginosis	\$586,615
2016	WASHINGTON UNIVERSITY	MO	R21AI123789	Analysis of Complement Activation and Regulation by Mass Cytometry	\$190,625
2016	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$544,740
2016	WASHINGTON UNIVERSITY	MO	R01AI123780	COMMON IMMUNE CORRELATES OF RISK OF TB DISEASE IN ANIMAL MODELS AND HUMANS	\$746,671
2016	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$0
2016	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$370,329
2016	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R21AI127282	Mode of Action of Allosteric HIV-1 Integrase Inhibitors during Late Steps of Viral Replication	\$184,427
2016	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$379,020
2016	UNIVERSITY OF MONTANA	MT	R21AI123293	Caenorhabditis elegans infection model for Coxiella burnetii	\$217,500
2016	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750
2016	UNIVERSITY OF MONTANA	MT	R21AI120490	Characterization of the pH-sensing interface of the arenavirus envelope glycoprotein GPC	\$184,765
2016	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$429,119
2016	MONTANA STATE UNIVERSITY	MT	R21AI117441	Role of type I IFN and human TLR4 in Coxiella burnetii pathogenesis	\$216,000
2016	UNIVERSITY OF MONTANA	MT	R15AI119803	Intersubunit crosstalk in the tripartite arenavirus envelope glycoprotein	\$426,801
2016	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$101,860
2016	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$356,480
2016	MONTANA STATE UNIVERSITY	MT	R01AI113330	Resuscitation of P. aeruginosa biofilm cells from dormancy	\$324,000
2016	MONTANA STATE UNIVERSITY	MT	R21AI119772	Development of novel, safe and efficacious Coxiella burnetii vaccine	\$180,000
2016	UNIVERSITY OF MONTANA	MT	R03AI122167	Determining the role of trogocytosis-mediated signaling on CD4 T cell phenotype and effector functions	\$72,500
2016	MONTANA STATE UNIVERSITY	MT	R03AI126271	Optimization of a murine model of the human vaginal microbiome: A much needed tool for understanding the connections between vaginal microbes and host health	\$72,000
2016	PROMILIAD BIOPHARMA INC	MT	R41AI118104	Novel antibacterial agents derived from natural products	\$295,729

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2016	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$435,049
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,729,963
2016	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$367,327
2016	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$540,791
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$401,923
2016	Duke University	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$477,000
2016	AGILE SCIENCES INC	NC	R44AI092952	Development of novel anti-biofilm compounds for treating chronic wounds	\$832,651
2016	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$158,743
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI114094	CDI System-mediated Intra- and Inter-species Interactions in Burkholderia	\$54,294
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI109979	Investigating the targets and strain specificity of antibodies against P. vivax	\$34,565
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$1,348,882
2016	EAST CAROLINA UNIVERSITY	NC	R21AI113014	Discovery and characterization of novel flagellar proteins in Borrelia burgdorferi	\$224,047
2016	Duke University	NC	R01AI118182	Supramolecular nanofiber vaccines	\$629,583
2016	Duke University	NC	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$190,879
2016	Duke University	NC	F31AI124544	Characterization of a novel Salmonella regulator of IL-10 production and its role in pathogenesis	\$33,756
2016	CELL MICROSYSTEMS INC	NC	R41AI126905	CellRaft Array for Screening and Isolation of Highly Effective Cytotoxic T Cells	\$224,129
2016	REDBUD LABS INC	NC	R43AI124930	Device for rapid extraction of rare pathogens from raw samples	\$297,090
2016	Duke University	NC	R01AI068804	Host Susceptibility to S. aureus	\$696,563
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K24AI120796	Mentoring new investigators in PMTCT implementation research	\$184,172
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI117408	Enhance AAV Liver Transduction with Capsid Immune Evasion	\$380,000
2016	Duke University	NC	P01AI117915	Early Life Vaccination to Prevent HIV acquisition during Adolescence	\$3,674,124
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI110700	Mechanisms of MERS-CoV Entry, Cross-species Transmission and Pathogenesis	\$739,162
2016	Duke University	NC	T32AI007392	Interdisciplinary Research Training Program in AIDS	\$367,915

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$372,549
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$502,098
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$418,039
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	\$370,000
2016	Duke University	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$381,037
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	\$378,879
2016	Duke University	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	\$392,500
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	\$145,197
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$2,322,470
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	\$582,516
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115752	Human CD8+ T Cell Tolerance by Nondepleting Humanized CD8-Specific Antibody	\$197,272
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI118769	Structural and mechanistic studies of the Ikb Kinase complex	\$373,607
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI121465	Diversity and Phenotype of Artemisinin Resistance Mutations in Central Africa	\$244,800
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI126730	Chikungunya Pathogenesis in a Complex Population	\$56,118
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI125560	Enhancing efficacy of pertussis vaccines	\$391,067
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI124010	IRF3 is a novel mediator of cell death during genital Chlamydia infection.	\$190,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$370,388
2016	Duke University	NC	F32AI118294	Discovery of novel liver host targets for malaria treatment	\$54,294
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI114378	Experimental human infection with isogenic mutants of Neisseria gonorrhoeae	\$668,161
2016	Duke University	NC	K23AI116869	Viral Zoonoses and Severe Febrile Illness in Northern Tanzania	\$150,448
2016	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R01AI123327	Oviposition attractants for sand fly control	\$373,037
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$4,988,150

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2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$651,300
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$409,284
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$379,083
2016	Duke University	NC	R01AI117911	C. elegans to study organismal control of recovery from bacterial infections	\$394,588
2016	DUKE UNIVERSITY MEDICAL CENTER	NC	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$427,796
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$386,001
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI112487	Investigating graft-versus-host clearance of HIV-infected cells in vivo	\$40,410
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI114231	The Mammalian NRAMF family as Alphavirus Pathogenesis Determinants	\$30,580
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	\$40,411
2016	Duke University	NC	K22AI116509	Survival of influenza A virus infected cells and effects on pathogenesis	\$162,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114310	Spurring Innovation in HIV Testing and Linkage: A Crowdsourcing Approach	\$580,123
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	\$227,250
2016	CAPTURE PHARMACEUTICALS INC	NC	R44AI115751	C2E2-An Orally Administered Radionuclide Decorporation Agent	\$741,636
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI117575	Genetic and mechanistic dissection of a lethal systemic virus infection	\$228,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108368	The PHASES Project: Pregnancy and HIV/AIDS-Seeking Equitable Study	\$770,869
2016	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$10,000,000
2016	Duke University	NC	R13AI125032	10th INTEREST Workshop on HIV	\$70,000
2016	BRIGHTON DEVELOPMENT	NC	R43AI122405	Novel Low Temperature Sterilization Method for Flexible Endoscopes	\$198,754
2016	EAST CAROLINA UNIVERSITY	NC	R01AI126398	Interferon-beta as an Adjuvant for Tolerogenic Vaccination	\$416,673
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127346	HIV-1 Vpr disrupts the IFN-TET-ISG pathway to promote HIV-1 infection and persistence	\$532,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI127319	The Pros and Cons of Trained Immunity Induced by Vaccines for Tuberculosis Prevention	\$190,000
2016	Duke University	NC	R21AI124100	Defining novel Riplet-activated antiviral innate immune signaling pathways	\$238,500

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2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125097	Peripheral and tissue-resident gamm/delta T cells in HIV latency	\$473,282
2016	COLLABORATIONS PHARMACEUTICALS, INC.	NC	R41AI122434	Optimization of small molecule triazine antituberculars for in vivo efficacy	\$149,388
2016	Duke University	NC	R56AI122877	Quinolizidines as Novel HIV-1 Entry Inhibitors	\$444,344
2016	Duke University	NC	R21AI128405	Generation of Zika virus-specific recombinant antibodies	\$238,500
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119164	Natural Immunity Against Chlamydia trachomatis	\$411,225
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI121558	Variation in Resistance and Fitness to Artemisinin in African Malaria	\$675,404
2016	Duke University	NC	R21AI124344	Postpartum HIV care engagement in the context of Option B+ in Tanzania	\$175,834
2016	Duke University	NC	R21AI122048	Innate immune recognition of bacterial secretion systems by GBPs	\$192,568
2016	Duke University	NC	P01AI120756	Bridging Antibody Fc-mediated Antiviral Functions Across Humans and Non-human Primates	\$3,264,079
2016	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$451,544
2016	Duke University	NC	T32AI052077	Basic Immunology Training Program	\$177,266
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$483,933
2016	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,938,987
2016	Duke University	NC	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	\$533,151
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$84,620
2016	Duke University	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$392,500
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$435,587
2016	Duke University	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	\$539,740
2016	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$621,840
2016	Duke University	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$609,599
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI112432	Using Phylogenetics to Elucidate HIV Transmission Patterns and Inform Prevention	\$165,333
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI120613	Phase Variation of Clostridium difficile Flagella and Toxin Production	\$31,328
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119032	Dissecting Bubonic Plague	\$376,547
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$2,540,071

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	Duke University	NC	F31AI122967	The duality of vaccine elicited HIV specific-IgA antibodies: Providing protection or diminishing protection	\$34,384
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127845	Natural history, immunity, and transmission patterns of sapovirus in a Nicaraguan birth cohort	\$615,085
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI127024	Integrating Decision Making Studies into HIV Cure Trials: A real-time longitudinal assessment	\$542,611
2016	Duke University	NC	R21AI115438	Defining the structural mechanisms of Hfq binding to cognate nucleic acids	\$227,307
2016	Duke University	NC	R34AI122958	Optimizing treatment for E. faecalis infective endocarditis: ampicillin plus ceftriaxone versus ampicillin plus gentamicin	\$238,500
2016	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI125040	Identifying cellular long non-coding RNAs as targets for HIV intervention	\$189,375
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI120549	Acute Infection: Lived Experiences and Ethical Challenges in HIV Research	\$228,000
2016	Duke University	NC	F31AI124563	Trans-regulatory mechanisms of glucocorticoid-mediated transcriptional repression	\$34,790
2016	Duke University	NC	R01AI121378	Investigating Febrile Deaths in Tanzania (INDITe)	\$587,087
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$378,128
2016	Duke University	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$392,500
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$368,389
2016	Duke University	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$603,432
2016	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$14,061,858
2016	Duke University	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	\$767,068
2016	Duke University	NC	F31AI110072	Investigating the Type II Secretion System of Chlamydia trachomatis	\$33,782
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI116384	Assessing the HIV care cascade in a large southern prison system	\$380,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111899	Plug & Purge: In Vivo Targeting of Active HIV Reservoirs That Persist Despite ART	\$521,436
2016	Duke University	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	\$1,094,892
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI116406	Quantification of HIV-1 Splicing Phenotypes and the Role of RNA Structure and Splice Regulator Elements	\$34,254
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113201	Endothelial Cell Uptake of Infected Erythrocytes in Cerebral Malaria	\$224,754

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2016	Duke University	NC	R01AI118903	HOST GENETIC VARIATION REGULATING SALMONELLA INVASION AND DISEASE SUSCEPTIBILITY	\$360,782
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$182,803
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI118876	Regulation of Memory B Cell Responses to Polysaccharide Antigens	\$384,390
2016	Duke University	NC	R21AI127022	Dual-Affinity Re-Targeting Proteins for Cure of Newborn Infant HIV-1 Infection	\$278,250
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI116725	The TREX1 Pathway in Autoimmune Disease	\$400,390
2016	Duke University	NC	R01AI118571	Dissection of polyreactivity and neutralization activity of HIV-1 Abs	\$564,366
2016	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$152,245
2016	Duke University	NC	R01AI103197	Interferon-inducible cell-intrinsic host defense against Chlamydia trachomatis	\$392,500
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$380,000
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$152,128
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$635,465
2016	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$947,320
2016	Duke University	NC	R21AI111067	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$237,381
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112029	Nitric oxide-releasing cystic fibrosis therapeutics	\$185,401
2016	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$31,829,624
2016	Duke University	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$439,623
2016	Duke University	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$2,577,651
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$1,175,010
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107949	Epidemiological and Spatial Models of Malaria Transmission	\$475,541
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$440,415
2016	VIAMET PHARMACEUTICALS INC	NC	R33AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	\$95,000
2016	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$1,825,263
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114320	Reaching Unaware Sexual and Social Contacts to Interrupt Ongoing HIV Transmission	\$627,323

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2016	MYCOSYNTHETIX INC	NC	R43AI118075	Fungal Metabolites Fuel Drug Discovery for Pathogenic Free-Living Amoebae	\$241,400
2016	Duke University	NC	R21AI121742	Roles of Early Life Colonization and Environmental Antigens on Childhood Asthma	\$218,771
2016	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI122330	Regulation of avidity in T lymphocytes	\$229,390
2016	Duke University	NC	R01AI122909	Role of neutralizing antibodies in HIV-1-infected and vaccinated mothers in MTCT	\$623,456
2016	AGILE SCIENCES INC	NC	R41AI115915	Small Molecule Antibiotic Potentiators for Drug-Resistant Bacteria	\$294,309
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115205	Effectiveness and Safety of Tdap Immunization in Pregnancy	\$190,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI044667	Biological Properties of HIV-1 V3 Evolutionary Variants	\$396,000
2016	Duke University	NC	P01AI110485	Integrase Defective Lentiviral Vector (IDLV)-ENV Immunogen Strategy for an HIV Vaccine	\$1,858,150
2016	Duke University	NC	K23AI125670	Immune Profiles to Better Understand Chronic Allograft Dysfunction and Successful Long-term Clinical Outcomes after Human Lung Transplantation	\$172,422
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125198	PRECLINICAL ASSAYS TO PREDICT TETRAVALENT DENGUE VACCINE EFFICACY	\$1,400,997
2016	Duke University	NC	R01AI117780	Disruption of latent HIV-1 proviruses using CRISPR/Cas endonucleases	\$712,690
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$380,000
2016	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$371,126
2016	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$243,022
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$440,017
2016	APPALACHIAN STATE UNIVERSITY	NC	R15AI096358	Polyamine-dependent regulation of Vibrio cholerae biofilm formation	\$395,720
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$546,174
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$960,149
2016	AGILE SCIENCES INC	NC	R44AI120250	Small molecules as antibiotic potentiating agents against multi-drug resistant Gram-negative infections	\$596,514
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	\$166,262
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113736	RSV, Keratins and Distal Airway Infection	\$228,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109965	Discovery of New Innate Immune Pathways in Viral Recognition	\$3,165,040

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2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$4,653,698
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI102252	Celecoxib Derivative: Host Cell-Directed Inhibitors of Intracellular Pathogens	\$351,320
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI113197	The pathogenesis of T. cruzi in HIV-infected persons in Bolivia	\$163,417
2016	Duke University	NC	R21AI120981	Bloodborne tropical pathogen detection using multiple nanophotonic arrays	\$205,561
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI118292	Elucidating the Mechanistic Basis of H. capsulatum-Macrophage Interactions	\$56,118
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI121516	Clinical Sequelae and Urogenital Viral Dynamics in Survivors of Ebola Virus Disease	\$184,197
2016	Duke University	NC	R01AI125416	Defining the role of the RNA modification N6-methyladenosine in the hepatitis C virus lifecycle	\$517,789
2016	Duke University	NC	R21AI119707	Regulation of T cell exhaustion by microRNA-720	\$198,750
2016	Duke University	NC	F30AI122982	Novel mouse model of HIV broad neutralizing antibody induction	\$43,576
2016	MUCOMMUNE, LLC	NC	R41AI122472	Delivery of pathogen-trapping antibodies for vaginal protection	\$222,725
2016	Duke University	NC	R01AI123083	Structure-Function Analysis of Chlamydia Secretion Chaperones	\$517,940
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI122319	Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence	\$803,345
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI123010	The Role of Human Gut Microbiota in HIV-1 Rectal Acquisition, Replication, and Pathogenesis	\$750,454
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$380,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$287,695
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$83,891
2016	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$5,032,658
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$380,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$380,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$184,508
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	\$370,000
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$444,704
2016	Duke University	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$436,559

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2016	Duke University	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$116,607
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$1,763,483
2016	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$427,139
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119073	Role of caspase-11 in innate immunity	\$341,839
2016	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$457,377
2016	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$22,761,538
2016	NIRVANA SCIENCES, INC.	NC	R42AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cytometry	\$738,015
2016	Duke University	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$128,817
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI126619	Collaboratory of AIDS Researchers for Eradication (CARE)	\$4,592,950
2016	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	\$397,500
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI123811	Hybrid Sequencing to Define the Full-Length Transcriptome of Double Stranded DNA Viruses	\$225,672
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI125147	Host Targeted Therapy for Drug Resistant Salmonella and Francisella infection	\$1,445,540
2016	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI125800	Sulfadoxine-Pyrimethamine IPTp in Malawi: Effects on the gut and vaginal microbiomes	\$228,000
2016	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$780,235
2016	UNIVERSITY OF NORTH DAKOTA	ND	R01AI121804	Molecular mechanism of Mincle mediated NET formation:Implications for pneumonic sepsis	\$346,771
2016	UNIVERSITY OF NORTH DAKOTA	ND	R01AI109317	Lung innate immunity against bacterial infection	\$345,000
2016	ALTRAVAX INC	ND	R43AI112264	Development of a Universal Influenza B Vaccine	\$300,000
2016	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI122152	The role of host glycans in Cryptosporidium development	\$483,286
2016	UNIVERSITY OF NORTH DAKOTA	ND	R21AI125775	MicroRNAs induced in response to Borrelia burgdorferi	\$173,750
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$737,433
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125589	The molecular control of bacterial programmed cell death	\$376,250
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,973,027
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$486,376
2016	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI125207	Comparative Virology Research Training Program	\$164,570
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI125137	Host-Directed Immunotherapy: A "One Health" Approach	\$302,848

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI111862	Improve the safety of an efficacious live-attenuated HIV -1 vaccine through unnatu	\$484,455
2016	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI121351	Group testing for infectious disease detection: multiplex assays and back-end screening	\$406,070
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105147	Database designed novel anti-MRSA peptides	\$376,250
2016	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular basis of intestinal cryptosporidiosis	\$407,626
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI114415	Transmitted/Founder SHIV macaque model	\$225,750
2016	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI114653	Mechanism of the Antiviral Activity of BAF Against Poxvirus and HSV-1 Infection	\$368,286
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI119090	Nanomedicine Development for Systemic Lupus Erythematosus	\$376,250
2016	CREIGHTON UNIVERSITY	NE	R01AI117740	Long-acting antiretroviral nanoparticles for HIV prophylaxis	\$556,546
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$598,659
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI121050	EP67-Based Targeted Mucosal Vaccines to Prevent Primary Infection with CMV	\$388,776
2016	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI124965	The Lymphoid Tissue Pharmacology of Antiretroviral Drugs	\$765,790
2016	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$405,000
2016	DARTMOUTH COLLEGE	NH	R21AI115253	Transcription Factor Targets of Cdk8 Dependent Signaling in C. albicans	\$202,500
2016	DARTMOUTH COLLEGE	NH	F30AI122970	Novel evolutionary platforms and computational strategies for the engineering of quaternary epitope-focused HIV immunogens	\$48,576
2016	DARTMOUTH COLLEGE	NH	R01AI106937	The role of CshA and CshB in selective mRNA protection in S. aureus	\$405,000
2016	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$396,916
2016	DARTMOUTH COLLEGE	NH	R21AI119579	Regulation of SsrA-mediated proteolysis of S. aureus	\$243,000
2016	DARTMOUTH COLLEGE	NH	R03AI122242	PH domains as Calmodulin binding domains	\$81,000
2016	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapation and Fungal Virulence of Aspergillus fumigatus	\$405,000
2016	DARTMOUTH COLLEGE	NH	R21AI107293	A killed whole-cell one dose cholera vaccine	\$243,000
2016	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$467,279
2016	DARTMOUTH COLLEGE	NH	R01AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$471,948
2016	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$454,822
2016	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$912,191
2016	DARTMOUTH COLLEGE	NH	R01AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$371,251
2016	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homestatis and infection	\$594,606
2016	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$231,848

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2016	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$578,486
2016	DARTMOUTH COLLEGE	NH	R21AI119741	Engineer bifunctional antibacterial enzymes for treatment of S. aureus infections	\$283,500
2016	DARTMOUTH COLLEGE	NH	R01AI122854	Host microRNA control of gammaherpesvirus latency	\$405,000
2016	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	\$409,727
2016	DARTMOUTH COLLEGE	NH	R01AI117739	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	\$633,900
2016	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$404,593
2016	DARTMOUTH COLLEGE	NH	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$405,000
2016	SAUREUS, INC.	NH	R43AI112061	Developing a Z-domain based latex agglutination assay for C. difficile toxins	\$40,000
2016	DARTMOUTH COLLEGE	NH	R21AI121820	The Role of Flagellar Motility to Innate Immune Recognition of Bacteria	\$252,824
2016	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$402,500
2016	PRINCETON UNIVERSITY	NJ	R21AI117213	Impact of species-specific host responses on restriction of hepatotropic viruses	\$248,625
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$402,489
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI126053	Synthetic AMPs that Control Biofilms of Gram-variable Pathogens	\$229,601
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV -1 Transmission and Inhibition	\$723,472
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120615	Control of cytokine production by human NK cells	\$236,657
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120600	Functional analysis of a novel Treg population identified by transcription factor profiling	\$238,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI111647	Discovery and Validation of Drug Targets in Vulnerable Populations	\$493,607
2016	PRINCETON UNIVERSITY	NJ	F31AI122480	Dissecting the molecular determinants of hepatitis B tropism	\$43,576
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$774,998
2016	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$761,372
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$1,021,724
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$788,180
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI122034	GrgA: Key Regulator of Chlamydial Physiology and potential Antichlamydial Target	\$219,741
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$397,500

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2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI117776	ANTI-HIV COLORECTAL NANOCARRIER-BASED FOAMS FOR MUCOSAL PRE-EXPOSURE PROPHYLAXIS	\$531,632
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI119619	Impact of Iron Supplementation on the Latency and Reactivation of Tuberculosis	\$79,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115204	Regulation of ubiquitin-proteasome in Cryptococcus pathogenesis	\$198,750
2016	PRINCETON UNIVERSITY	NJ	R21AI115075	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	\$243,000
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI118619	Targeted delivery of Cas9/gRNA directed to HIV latent/persistent cells	\$198,750
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI124192	Expression of BTB-ZF Transcriptional Regulators as Biomarkers of Immune System Development	\$79,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI116802	Regulation of innate lymphocyte function by Zbtb32	\$162,000
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI124691	Genesis of Defective Effector Lymphocytes in the Helminth-Coinfected Host	\$511,711
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114647	Regulation of antifungal immunity by monocyte-derived dendritic cells	\$362,012
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI126788	Novel Biomarkers to Shorten TB Treatment	\$672,409
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$1,001,681
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111397	Pre-clinical Development of an Advanced Genexpert Test for Drug Resistant Mtb	\$1,130,467
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106125	Contribution of plasmacytoid DCs to immune senescence in HIV infection	\$397,500
2016	PRINCETON UNIVERSITY	NJ	R21AI121828	The biophysical mechanism of pilus-based surface sensing in Pseudomonas aeruginosa	\$238,233
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI123224	Innate Immune regulation of helminth-induced inflammation	\$397,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI123970	Manganese acquisition and Mycobacterium tuberculosis virulence	\$238,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106036	Rapid Analysis of Single T Cell Immunity Signatures in Tuberculosis	\$40,066
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI110573	Interrogating innate immunity to helminth parasites	\$108,000
2016	PRINCETON UNIVERSITY	NJ	R21AI117009	High-throughput Quantification of Persister Physiology at the Systems Level	\$197,389
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI125185	Program in Infection, Immunity and Inflammation	\$167,032
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI124499	The Candida albicans acetylome in fungal virulence	\$397,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI121621	The in vivo effect of vitamin D on Mycobacterium tuberculosis infection	\$229,628
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115452	Genetics identify HLA-DMB as a disease determinant for human type 1 diabetes	\$238,500

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2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$1,072,858
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$5,504,272
2016	PRINCETON UNIVERSITY	NJ	R01AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$398,800
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI117510	A Novel RNA Recognition Site on the Influenza B Virus NS1 Protein	\$268,208
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI118874	Development of New Antibiotics Against Multidrug-Resistant Staphylococcus aureus	\$391,212
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$663,227
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$524,999
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$120,960
2016	PRINCETON UNIVERSITY	NJ	DP1AI124669	Mechano-microbiology: how physical forces control bacterial-host interactions	\$810,000
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117338	Genomic variation in epidemic carbapenem-resistant K.pneumoniae	\$238,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI122069	Defining the iron environment of M. tuberculosis granulomas	\$79,500
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$1,076,572
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$431,485
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$1,185,932
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	\$606,004
2016	PRINCETON UNIVERSITY	NJ	F32AI106175	Cell surface proteome of monocytes latently infected with human cytomegalovirus	\$62,010
2016	PRINCETON UNIVERSITY	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$48,576
2016	PRINCETON UNIVERSITY	NJ	F31AI114240	Emerging roles for interferon inducible protein IFIX in innate immune response	\$43,576
2016	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI119321	Drug development targeting influenza A cap-snatching endonuclease	\$231,808
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117127	Novel Notch Pathways Govern HHV-8 Reactivation	\$198,750
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI122757	Contribution of Innate-like Tregs for Preventing Tissue Inflammation	\$477,000
2016	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI125452	Molecular Mechanisms of Rgg Receptor Regulation by Pheromones and Inhibitors	\$486,170

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2016	NEW MEXICO STATE UNIVERSITY	NM	SC1AI112786	Bacterial colonization and immunogenicity in the mosquito gut ecosystem	\$312,092
2016	MESA TECH INTERNATIONAL INC	NM	R44AI093018	Rapid, disposable, nucleic acid diagnostic device for multiplexed point of care f	\$1,000,000
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI117224	Pyrazinamide Breath Test for TB	\$226,938
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$332,765
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKCtheta in T cell and T-ALL migration	\$377,500
2016	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	\$365,000
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$2,585,548
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI114706	VLP-based Vaccines for Targeting Staphylococcus aureus Secreted Virulence Factors	\$189,375
2016	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI115291	Bik Promotes Cleavage of Viral Proteins to Enhance Influenza A Virus Infection	\$327,000
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI115105	Amplified detection of viral RNA using catalytic DNA logic circuits	\$189,010
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI116868	Spatial Models of Intrahepatic Hepatitis C Virus Propagation in Humans	\$787,985
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI119708	Basis of MyD88-independent Th1 immunity during Toxoplasma infection	\$227,125
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI125873	Real-time estimation of antibiotic concentration in a bacterial cell	\$291,946
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$279,487
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$657,490
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	UH2AI122313	Autophagy-based HDT for tuberculosis	\$561,389
2016	VISIONQUEST BIOMEDICAL LLC	NM	R44AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$821,709
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI116894	Nano and Microscale Molecular Machines for Innate Immune Sensing of Candida	\$408,606
2016	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI117560	Targeting Hyperplastic Airway Cells Using a Small Molecule Inhibitor	\$327,000
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	\$697,062
2016	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$660,348
2016	AGILVAX, INC	NM	R43AI127057	Development of a VLP-based RSV Vaccine Targeting Pre-fusion F-Protein	\$286,576
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI116772	Control of allergic airway inflammation	\$365,875
2016	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R21AI120973	Field-deployable Assay for Differential Diagnosis of Malaria and Viral Febrile Illnesses	\$188,759
2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$399,999

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2016	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$331,736
2016	UNIVERSITY OF NEVADA-LAS VEGAS	NV	K22AI121097	Matrix-associated proteins in biofilm tolerance: Psl and ecotin	\$161,555
2016	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$356,575
2016	UNIVERSITY OF NEVADA-RENO	NV	R01AI123011	Changes in viral and cellular gene expression mediated by KSHV PAN lncRNA	\$356,575
2016	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R01AI109139	Prophylaxis of Clostridium difficile infection	\$639,084
2016	UNIVERSITY OF NEVADA-RENO	NV	R01AI122266	Prenatal, Intrapartum and Infant Antibiotic Use and Atopic Diseases in Childhood	\$784,190
2016	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R21AI116411	A novel high-throughput functional screen based upon chimeric minimotif decoys	\$185,000
2016	UNIVERSITY OF NEVADA-RENO	NV	R21AI117491	Risk of CFS Due to IgG Receptor Genes that Impair ADCC	\$176,693
2016	DXDISCOVERY INC	NV	R44AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$406,540
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$134,354
2016	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$451,963
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$373,948
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$399,596
2016	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$372,332
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$322,592
2016	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$167,931
2016	SUNY, STONY BROOK	NY	F31AI118220	Regulation of caspase-1 activation by IQGAP1 during bacterial infection	\$33,129
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$2,474,276
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI115226	Functional interrogation of paramyxovirus genomes with efficient reverse genetics	\$208,782
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$252,493
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$423,750
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	\$173,024
2016	UNIVERSITY OF ROCHESTER	NY	R01AI127370	HCMV-mediated repurposing of AMPK & CaMKK signaling for productive infection	\$383,958
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$1,927,944
2016	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$438,750

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2016	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$386,250
2016	SUNY, STONY BROOK	NY	R01AI116420	New antifungals targeting the synthesis of fungal sphingolipids	\$610,218
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$422,504
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$406,869
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$408,244
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$584,009
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$448,750
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$423,750
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	\$400,000
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI110593	Advanced Rigidity-based Material for Enhanced Immunotherapy	\$391,353
2016	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$473,130
2016	SUNY, BUFFALO	NY	R01AI111990	Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs	\$928,854
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$1,918,351
2016	HEALTH RESEARCH, INC.	NY	R01AI110112	Latitudinal landscape genomics and ecology of Anopheles darlingi	\$354,517
2016	CUNY, RESEARCH FOUNDATION	NY	SC2AI116566	Mechanobiology of Neisseria Microcolonies	\$157,000
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI112546	Protective role of V2 antibodies induced at mucosal tissues in macaques	\$641,758
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$84,250
2016	SUNY, STONY BROOK	NY	R01AI110792	Tailoring virulence of dengue virus in mammals and mosquitoes	\$618,837
2016	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R21AI117695	Targeting factor B to prevent transplant rejection	\$206,875
2016	ROCKEFELLER UNIVERSITY	NY	U01AI118536	3BNC117 mAb in HIV-infected subjects on combination ART	\$1,430,222
2016	GE CORPORATE RESEARCH & DEVELOPMENT	NY	U24AI118667	Secretion Encoding for Multiparameter Functional Immune Assays	\$390,119
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI117131	The Pseudomonas aeruginosa protease CtpA and type 3 secretion	\$211,875

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R03AI119225	CD8 T Cell Epitope Mapping Using Mice Expressing HLA-A2 and a Human Autoantigen	\$83,500
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI114545	Differentiation and Ontogeny of IgM Memory Cells during Bacterial Infection	\$404,167
2016	SUNY, BUFFALO	NY	R01AI125119	The role of non-broadly neutralizing antibodies targeting gp41 structural epitopes in long term nonprogression of HIV infection	\$391,938
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	U01AI124275	Systems Biology of Microbiome-mediated Resilience to Antibiotic-resistant Pathogens	\$1,722,908
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI059738	Molecular mechanisms of T cell anergy	\$417,500
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI120806	Purinergic signaling in HIV-1 infection and inflammation	\$178,416
2016	Trustees Of Columbia University In The City Of New York	NY	F31AI124661	Epigenetic Regulation of Dendritic Cell Development	\$35,259
2016	SUNY, BUFFALO	NY	R21AI125746	Posttranslational modification of the regulatory RNA binding protein, ZFP3	\$239,250
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117927	Host biomarkers for M. tuberculosis infection activity in HIV-infected persons	\$836,865
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI125236	N6-methyladenosine and the biology of HIV	\$261,882
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI117407	Methods for Extracting and Analyzing Highly Complex Regions of the Genome - Applications to the IGH locus	\$210,659
2016	SUNY, STONY BROOK	NY	R21AI126048	Chikungunya vaccine candidate developed by codon pair de-optimization	\$197,500
2016	CORNELL UNIVERSITY	NY	R21AI117300	Development of novel protease inhibitors for influenza and paramyxoviruses	\$221,875
2016	SUNY, BUFFALO	NY	R21AI122964	A His-tag Binding Membrane System for Generating Neutralizing Gp41 MPER antibodies	\$198,284
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R33AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$490,181
2016	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	P01AI124337	Pushing the envelope: Optimizing vaccine display of flexibly linked HIV Env trimer immunogens	\$2,525,443
2016	CORNELL UNIVERSITY	NY	R21AI124237	Mitochondrial Cell-Free DNA as a Marker of Rejection and Damage-Associated Molecular Pattern in Organ Transplantation	\$233,286
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$416,276
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI124678	Elucidating the molecular basis of piperazine resistance and the role of altered hemoglobin metabolism in Plasmodium falciparum	\$397,205
2016	CUBRC INC	NY	R21AI121614	Development of HAMLET as a Adjuvant for the Treatment of Drug-resistant Staphylococcus Aureus Infections	\$198,948
2016	CORNELL UNIVERSITY	NY	R01AI121216	Mechanisms of virus-mediated compartmentalization of the host translational machinery	\$364,025

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	SUNY, BUFFALO	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$369,303
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110703	Quantifying Environmental Variables Affecting Airborne Influenza Transmission	\$394,281
2016	New York Blood Center, Inc.	NY	U01AI124260	Enhancing potency of the MERS vaccine by a novel ASP-1+alum adjuvant combination	\$595,617
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	\$185,094
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI118833	Nasal biomarkers of asthma	\$840,273
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$7,165,769
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI117873	Modeling Early Immunity to Human Influenza Infection	\$1,548,032
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI122673	Multiscale analysis of immune profiling data from dengue and chikungunya virus infections in humans	\$43,416
2016	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$191,768
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$349,193
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$423,750
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$423,750
2016	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$546,673
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$523,884
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	F32AI116263	Mechanism of lentiviral inhibition by Mx2	\$59,970
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,725,246
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$582,734
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$399,314
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$422,500
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI115544	The essential role of RasGRP1 in B1 cell autoreactivity and autoimmunity	\$84,250
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$495,904
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$132,543
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$445,500
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$3,002,577

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2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$172,031
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$471,432
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123449	Tropism, pathogenicity, and potential for zoonotic spillover of emergent henipa- and henipa-like viruses	\$492,738
2016	Trustees Of Columbia University In The City Of New York	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$249,554
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI102891	Mechanisms of induction of protective anti-malarial CD8+ T Cells	\$350,000
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R33AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	\$496,535
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$180,457
2016	UNIVERSITY OF ROCHESTER	NY	K08AI108870	CD8 T Cell Dysregulation in Premature Infants	\$179,680
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	\$375,750
2016	UNIVERSITY OF ROCHESTER	NY	T32AI118689	Infection and Immunity: The Pathogenesis of Host-Microbe Interactions	\$234,310
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	\$364,370
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI116082	miRNA-mediated regulation of LPS tolerance	\$200,000
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113186	Multi-level analysis of influenza virus polymerase and its role in pathogenesis	\$595,386
2016	CORNELL UNIVERSITY	NY	R21AI117295	Single-molecule Imaging of Tripartite Membrane Efflux Pumps in Live Bacteria	\$192,569
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI120690	Mother Infant Retention Across the Option B plus Cascade	\$156,982
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI101256	Structural and Biochemical Studies of Jak2	\$423,750
2016	HEALTH RESEARCH, INC.	NY	R21AI117158	Empirically Defining Gene Architecture and Expression of M. Tuberculosis	\$207,135
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI119304	Chemical intervention of influenza virus RNA nuclear export	\$198,430
2016	RENSSELAER POLYTECHNIC INSTITUTE	NY	R21AI119428	Non-Invasive Local Diagnosis of Surgical Infections	\$227,594
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	\$676,165
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$780,197
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121944	Cellular receptor for enterovirus D68	\$200,000
2016	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI121848	Evaluating the Bilayer-Couple Model of Outer Membrane Vesicle Biogenesis Using Novel Asymmetric Membrane Templates	\$219,300

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2016	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$386,250
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI122176	Endocytic Control of Autophagosome Formation in Lupus T cells	\$403,750
2016	Trustees Of Columbia University In The City Of New York	NY	R13AI124977	8th International Workshop on HIV Pediatrics	\$36,213
2016	SUNY, BUFFALO	NY	R21AI117309	A Hybrid Bio-synthetic Vector Designed to Elicit Directed in vivo Immune Response	\$238,814
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI119953	Controllable Rigidity Surfaces for T Cell Mechanobiology	\$229,955
2016	COLD SPRING HARBOR LABORATORY	NY	R13AI122482	CSHL 2016 Gene Expression and Signaling in the Immune System	\$9,000
2016	SUNY, BUFFALO	NY	R01AI125982	Developing Advanced Algorithms to Address Major Computational Challenges in Current Microbiome Research	\$311,803
2016	SUNY, STONY BROOK	NY	F30AI112203	Identification and inhibition of hydrolases in Mycobacterium tuberculosis	\$21,589
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI116028	Analysis Of Influenza Virus Polymerase Interactions With The Host Transcriptome	\$38,021
2016	NEW YORK MEDICAL COLLEGE	NY	R21AI122108	Preclinical Development of a Multivalent Tularemia Vaccine	\$246,250
2016	CORNELL UNIVERSITY	NY	K22AI116729	Prostaglandin regulation of type 2 inflammation	\$160,400
2016	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	\$504,989
2016	ROCHESTER GENERAL HOSPITAL	NY	R03AI113649	Immunogenicity of Moraxella catarrhalis vaccine candidates in children	\$86,955
2016	SUNY, STONY BROOK	NY	R56AI047837	Regulation of morphogenesis in C. albicans	\$439,644
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI124471	Antigen export in M. tuberculosis evasion of CD4 T cells	\$704,472
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI126714	Identification and characterization of a novel mammalian histidine phosphatase that negatively regulates CD4 T cells	\$547,914
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113221	Modulating Immunity to Nucleic Acids and Inducing Tolerance by Gene Transfer	\$421,004
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$176,062
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$439,750
2016	SUNY, BUFFALO	NY	R21AI123558	Development of a diagnostic test for hypervirulent Klebsiella pneumoniae	\$239,250
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI120998	HIV restriction by APOBEC3A	\$485,931
2016	SUNY, STONY BROOK	NY	R01AI125770	Lipid-mediated fungal pathogenesis	\$576,491

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2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,745,913
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI116939	Carbapenem-resistant bacterial colonization and infection after liver transplant	\$557,021
2016	OYAGEN INC	NY	R21AI122845	Binding Interface of HIV Vif and APOBEC3G as a Therapeutic Target	\$303,750
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Nutrient Sensing and mTORC1 Signaling in the Control of Regulatory T Cell Generation and Function	\$432,133
2016	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$265,363
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$417,500
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$227,212
2016	Trustees Of Columbia University In The City Of New York	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	\$134,163
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI122721	Function of Regulatory T Cells in Tissue Repair	\$48,037
2016	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,006,138
2016	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$383,750
2016	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$446,581
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$417,500
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	\$398,874
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI122390	Dendritic Cell Vaccine for Controlling the Latent Reservoir	\$239,781
2016	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$390,142
2016	CORNELL UNIVERSITY	NY	R21AI111081	Role of TLR9 in infection and host response to HHV-6A	\$161,438
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	\$423,750
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	\$423,750
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI109761	Center for Research in Diagnostics and Discovery	\$7,228,229
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110071	Chemokine regulation of inflammatory monocytes during West Nile virus infection	\$36,792
2016	SUNY, STONY BROOK	NY	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$392,571
2016	Trustees Of Columbia University In The City Of New York	NY	K01AI104351	Preventing Childhood Tuberculosis in Lesotho (PREVENT Study)	\$123,619
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI108799	Calanolides as tools to find new drug targets for Mycobacterium tuberculosis	\$180,652

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$0
2016	INNOVIMMUNE BIOTHERAPEUTICS HOLDING, LLC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$995,900
2016	JAN BIOTECH, INC.	NY	R41AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$40,000
2016	SUNY, BUFFALO	NY	R03AI115407	Identifying the transcriptional control mechanisms of p63 in Atopic Dermatitis	\$79,750
2016	SUNY, BUFFALO	NY	F32AI112254	Secretory cargo selection by p24 transmembrane proteins in African Trypanosomes	\$59,970
2016	CORNELL UNIVERSITY	NY	R01AI118582	How does HIV lead to increased susceptibility to tuberculosis?	\$551,971
2016	UNIVERSITY OF ROCHESTER	NY	R21AI118616	Targeting Inhibitory T cell Receptors for PcP Therapy	\$191,875
2016	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$383,750
2016	ROCKEFELLER UNIVERSITY	NY	R01AI114873	ZAP isoforms in innate immunity-the long, the short and the extra-long of it all	\$423,750
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI110812	Engineering and targeting novel antigen-specific tolerogenic interfaces	\$200,000
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI124129	Generation of a mouse expressing a photoactivatable Cre recombinase	\$254,250
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$520,331
2016	CUNY, RESEARCH FOUNDATION	NY	R21AI122996	Intervention to increase access to PEP to prevent HIV infection among Black MSM	\$255,459
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI127326	Mechanism of HIV-1 Latency and Reactivation Kinetics Using Single Cell Analysis	\$208,750
2016	CORNELL UNIVERSITY	NY	R21AI126814	Controlling Th17 cells and responses in airway inflammation by tyrosine kinase Itk	\$232,500
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K22AI116728	Early Innate Lymphoid Cell Development	\$162,000
2016	New York University	NY	R21AI126466	Metabolic network reconstruction in Filaria-Wolbachia symbiosis	\$215,434
2016	UNIVERSITY OF ROCHESTER	NY	R03AI122126	Human Milk Cytokines and Oligosaccharides in Development of Allergic Diseases	\$87,625
2016	BUFFALO BIOLABS LLC	NY	R43AI126979	A Novel TLR5 Agonist-Based Adjuvant for Poliovirus Vaccine	\$288,029
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI124141	Integrase Defective Lentiviral Vectors for Antibody Delivery against Influenza	\$211,875
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI126863	Host and viral determinants of hepatitis C virus species tropism	\$38,796
2016	SUNY, STONY BROOK	NY	R21AI129306	Structure-based Design of Zika Virus Inhibitors Targeting Envelope Glycoprotein (E)	\$252,708
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,473,735

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2016	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$463,541
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$423,750
2016	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,433,401
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI123129	Correlates of Vaccine-Induced, Tunable-Protection in an Outbred Tularemia Model	\$789,784
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$547,102
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI121349	Development of novel endosome-targeted Ebola virus entry inhibitors as antiviral agents	\$704,548
2016	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$233,829
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$774,538
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$423,750
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$653,224
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$487,476
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$456,358
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI124464	Gut Microbiome, Acute Rejection, and Tacrolimus Dosing in Kidney Transplantation	\$179,874
2016	Trustees Of Columbia University In The City Of New York	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$211,121
2016	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,203,744
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$448,750
2016	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$468,781
2016	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$187,082
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087390	Modulation of retroviral uncoating by cellular factors	\$417,500
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI122486	Deciphering the cellular signals emanating from Staphylococcus aureus LukAB interaction with host-receptor that result in immune cell death	\$58,002
2016	SUNY, STONY BROOK	NY	R21AI114259	Development of antibodies to capsule of carbapenem resistant Klebsiella pneumonia	\$197,500
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$5,267,031
2016	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$423,750
2016	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$386,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$175,433
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$486,036
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$502,673
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$193,358
2016	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$388,346
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$548,281
2016	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	\$25,192
2016	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$611,090
2016	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$423,750
2016	ROCKEFELLER UNIVERSITY	NY	F32AI114211	Characterization of ADAR, a key RNA editing protein with pro-viral activities	\$62,010
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI109023	Defining P. falciparum resistance to artemisinin-based combination therapies	\$411,090
2016	ROCKEFELLER UNIVERSITY	NY	R21AI113419	Generation, characterization and validation of a T.brucei overexpression library.	\$211,875
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI115382	Analyzing dendritic cell development by inducible lineage tracing	\$211,875
2016	SUNY, STONY BROOK	NY	R21AI119316	Novel Inhibitors of DNA Ligase LigA by Substrate-Assisted Tethered Inhibition	\$212,722
2016	HEALTH RESEARCH, INC.	NY	R21AI119427	Characterization of the Abundant Small Proteome of Mycobacteria	\$194,335
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI113801	Mucosal Delivery of RSV Neutralizing Antibody and Antigens	\$254,250
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$664,261
2016	UNIVERSITY OF ROCHESTER	NY	R21AI116285	The Origin and Fate of Human HIV-Specific Plasma Cells Following Vaccination	\$115,125
2016	UNIVERSITY OF ROCHESTER	NY	R21AI117105	New Approaches toward cultivating Molluscum contagiosum virus	\$238,218
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$717,387
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI124606	Non-Leukocidal Roles of Staphylococcus aureus Bi-component toxins in Pathogenesis	\$40,176
2016	UNIVERSITY OF ROCHESTER	NY	R21AI121550	Broadly Neutralizing Antibodies Against Human Pathogenic Old World Arenaviruses	\$222,800
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI117321	Attenuated HSV Vaccines That Induce Protective Mucosal Antibodies	\$791,681
2016	THERASOURCE LLC	NY	R44AI096777	Human Ghrelin as an Effective Mitigator of Acute Radiation Injury	\$982,469

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124797	Antibody differentially alters Histoplasma extracellular vesicles	\$294,741
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI117678	Novel functions of TH17 cytokines: reciprocal regulation of non-canonical wnts	\$237,000
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI120648	Novel cellular pathways that allow cells to survive influenza A virus infection	\$40,116
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R03AI122221	Mechanisms of mast cell activation in KSHV-mediated disease	\$80,750
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI106501	Epitope optimization for heterologous prime-boost HIV vaccines	\$254,250
2016	New York Blood Center, Inc.	NY	R21AI122996	Intervention to increase access to PEP to prevent HIV infection among Black MSM	\$0
2016	BIOPEPTIDES INC	NY	R44AI102435	Development of a cytokine release assay for the diagnosis of Lyme disease	\$605,367
2016	HEALTH RESEARCH, INC.	NY	R21AI109275	Mechanisms of IgA - mediated immunity to Vibrio cholerae	\$220,265
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107448	Modulation of ORAI2 and ORAI3 Calcium Channels	\$254,250
2016	BIOPEPTIDES INC	NY	R43AI120364	A Rapid Point-of-Care Assay for the Diagnosis of Lyme Disease	\$151,776
2016	BIOPEPTIDES INC	NY	R43AI122399	Peptide-based Multiplex Assay for Lyme disease Serodiagnosis	\$176,282
2016	CORNELL UNIVERSITY	NY	R01AI120701	Itk mediated tuning of CD8+ memory T cell development	\$381,468
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI125640	Novel mechanisms regulating PD-1 signaling and function	\$423,750
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI126336	IgM vs IgG natural antibodies that bind pathogenic apolipoprotein B100	\$206,250
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI121996	Intestinal Immune Response in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome	\$200,000
2016	SUNY, STONY BROOK	NY	F30AI112252	Catalytic mechanism of the usher in pilus biogenesis by uropathogenic E. coli	\$42,535
2016	ROCKEFELLER UNIVERSITY	NY	F32AI124479	Antibiotics Around Us: Improving metagenome mining for the discovery of novel natural products from microbial communities.	\$54,294
2016	UNIVERSITY OF ROCHESTER	NY	R33AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$391,215
2016	ABCOMBI BIOSCIENCES INC	NY	R41AI124851	Therapy for drug resistant influenza strains by nucleic acid targeting of respiratory airways	\$300,000
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$599,863
2016	SUNY, STONY BROOK	NY	R56AI119854	Novel Hantavirus Virulence Determinants	\$665,926
2016	UNIVERSITY OF ROCHESTER	NY	R21AI119646	Diagnosis of early Staphylococcus aureus infections using circulating plasmablasts	\$230,250

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2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R03AI122040	Gene Therapy for the Treatment of Hereditary Angioedema	\$84,750
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$423,750
2016	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$440,000
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$435,964
2016	POPULATION COUNCIL, INC	NY	R01AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$928,391
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$400,000
2016	HEALTH RESEARCH, INC.	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$360,934
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$547,907
2016	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$390,322
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,270,547
2016	UNIVERSITY OF ROCHESTER	NY	K23AI108355	Quantitative Pharmacology for Accelerating Drug Development for HIV/HCV Co-Infected Patients	\$140,233
2016	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,696,287
2016	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$556,785
2016	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$392,571
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$2,108,745
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$417,500
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,237,757
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$582,077
2016	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$735,361
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$2,652,240
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$320,433
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$423,750
2016	JAN BIOTECH, INC.	NY	R43AI124956	Development of a Control Kit for Latent HIV Diagnostics	\$288,893
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$631,455

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2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$588,002
2016	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	\$267,750
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$728,786
2016	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$169,143
2016	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$730,557
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$431,540
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI110732	Global Health Research and Training in malaria and cholera: opportunities for nov	\$172,094
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI108715	Chemokine regulation of myeloid cell populations during West Nile virus infection	\$352,560
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI102970	Lung Microbiome and Inflammation in Early COPD	\$184,150
2016	Trustees Of Columbia University In The City Of New York	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	\$448,632
2016	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$43,868
2016	Trustees Of Columbia University In The City Of New York	NY	F30AI113963	Transcription Factors that Specify Natural Killer Cell Fate and Function	\$48,576
2016	UNIVERSITY OF ROCHESTER	NY	F30AI114036	The influence of inflammation on CD4 T cell interstitial migration	\$48,576
2016	SUNY, BUFFALO	NY	R21AI118519	Oxygen Sensing by the AIDS Opportunist Pathogen, Toxoplasma gondii	\$190,460
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI114736	Engineering protease-resistant alpha-beta peptides for broad-spectrum antivirals	\$766,098
2016	Trustees Of Columbia University In The City Of New York	NY	F30AI114070	Dissecting the molecular basis of PfCRT-mediated antimalarial drug resistance	\$43,576
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI113514	An Adjuvant-Independent Dual-Targeted (Multi-Function) Mucosal Vaccine Platform	\$197,500
2016	HEALTH RESEARCH, INC.	NY	R03AI119647	Mechanisms of IgA-mediated immunity to Salmonella	\$73,122
2016	SUNY, BINGHAMTON	NY	R21AI119726	Role of SagS signaling and regulatory events in biofilm formation and tolerance	\$193,750
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$650,498
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U24AI118644	Novel tools to maximize profiling of tissue and antigen specific immune dysregulation in allergy and inflammatory bowel disease	\$399,725
2016	UNIVERSITY OF ROCHESTER	NY	R21AI115527	New tools for studying M. abscessus pathogenesis	\$153,500
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI122264	Adaptive-Innate Immune Crosstalk in TGF-B Control of Peripheral T Cell Tolerance	\$525,032

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2016	SUNY, STONY BROOK	NY	R21AI113587	Regulation of Alternative Pre-mRNA Splicing by the Adenovirus L4-22K Protein	\$237,000
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI123875	B1a Cell Function in Sickle Cell Disease	\$84,250
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI124413	Promoting Engagement in the Drug Resistant TB/HIV Care Continuum in South Africa	\$582,230
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI124753	Microsporidia: invasion apparatus	\$417,500
2016	New York University	NY	K99AI119401	High-throughput studies of reassortment and coinfection of influenza viruses	\$112,350
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K99AI125786	Immune - Microbiota Interaction in defense against Clostridium difficile	\$116,905
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI125173	Targeting HIV persistence in CD4+ T memory stem cells	\$423,750
2016	CORNELL UNIVERSITY	NY	R56AI122811	Do HIV-infected Alveolar Macrophages represent a cART-resistant Reservoir?	\$462,345
2016	COLD SPRING HARBOR LABORATORY	NY	R13AI127269	Cold Spring Harbor Laboratory Conference on HIV/AIDS Research:Its History and Future	\$50,000
2016	UNIVERSITY OF ROCHESTER	NY	R56AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$230,375
2016	NEW YORK MEDICAL COLLEGE	NY	R21AI117088	Population analysis of group A streptococcal phenotypes	\$256,939
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI124062	Communication between skin and gastrointestinal tract in food allergy	\$254,250
2016	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$471,209
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI119145	Investigating genomic factors and microbiome features that impact CDI transmission and prognosis	\$847,495
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074878	Innate immunity and inflammation following helminth infection	\$423,750
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$456,716
2016	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$762,845
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$400,000
2016	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$60,556
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$649,522
2016	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$386,850
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$423,750
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$2,012,606

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2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$549,818
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$380,183
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$498,383
2016	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$2,014,115
2016	SUNY, STONY BROOK	NY	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$392,571
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$491,143
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$444,198
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$423,750
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$427,942
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI097333	Cytokine regulation of anti-helminth immunity	\$423,750
2016	HEALTH RESEARCH, INC.	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$662,260
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,814,359
2016	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	\$1,250,865
2016	BREONICS INC	NY	R44AI081372	The Potential to Immunocloak Renal Allografts	\$961,117
2016	New York University	NY	R01AI108889	Mechanisms of Allosteric and Molecular Recognition in the Small Multidrug Resistant	\$388,614
2016	Trustees Of Columbia University In The City Of New York	NY	T32AI106711	Columbia University Graduate Training Program in Microbiology and Immunology	\$187,448
2016	Trustees Of Columbia University In The City Of New York	NY	U24AI118669	Sample Sparing Chambers for Imaging of T cell Response and Function	\$307,134
2016	ROCKEFELLER UNIVERSITY	NY	F31AI118555	Cellular and molecular dissection of HIV-1 latency in vivo	\$19,055
2016	UNIVERSITY OF ROCHESTER	NY	R21AI114837	Genetic screen for fungal triggers of the NLRP-3-inflammasome in macrophages	\$189,381
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI116814	Contribution of B cells to human cardiac allograft vasculopathy	\$402,450
2016	HEALTH RESEARCH, INC.	NY	R21AI111045	Mechanism of MALT1 Regulation by a Novel Ubiquitin Ligase	\$190,534
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	\$423,750
2016	UNIVERSITY OF ROCHESTER	NY	R21AI115251	Ribonuclease E a novel new Gram-negative antimicrobial target	\$206,248
2016	New York Blood Center, Inc.	NY	R56AI118936	Functional interplay between Brugia and its Wolbachia symbiont	\$770,293
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI124186	RNA-directed targeting of AID in immunity and genomic integrity	\$428,500
2016	UNIVERSITY OF ROCHESTER	NY	R21AI122820	Reversing inhibitory receptor signaling for PcP Therapy	\$92,100

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2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R13AI126789	The 4th Annual Meeting of the International Cytokine and Interferon Society (ICIS)	\$9,000
2016	ROCKEFELLER UNIVERSITY	NY	K99AI121473	Intrinsic and innate barriers to respiratory virus infections	\$116,748
2016	SUNY, STONY BROOK	NY	R21AI126044	Exploration of the Mycobacterial Cell Envelope Proteome by Protein Labeling in Live Cells	\$237,000
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI126009	Decay accelerating factor dependent inhibition of T cell immunity	\$254,250
2016	UNIVERSITY OF ROCHESTER	NY	R21AI125094	Characterization of Activity and Mechanism of Novel Fungicidal Anti-Cryptococcal Molecules	\$230,250
2016	HEALTH RESEARCH, INC.	NY	R01AI125190	Development of a Preclinical Assay to Predict Efficacy of Ricin Toxin Subunit Vaccines	\$962,389
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$514,198
2016	Trustees Of Columbia University In The City Of New York	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$6,873,638
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI123342	Innate B cell immunity and antibody-mediated rejection of human kidney allografts	\$454,755
2016	SUNY, STONY BROOK	NY	R01AI119079	Functional Analysis of STAT3 in Gammaherpesvirus Infection	\$437,601
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI123368	Immune regulation of intestinal health and disease	\$423,750
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI124465	Mechanism of BET Proteins in Th17 Cell Differentiation	\$423,750
2016	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$383,500
2016	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$440,000
2016	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$388,808
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$63,221
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,238,429
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$775,307
2016	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$446,201
2016	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	\$387,319
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$399,314

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2016	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$36,645
2016	Trustees Of Columbia University In The City Of New York	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$134,747
2016	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$609,773
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$487,211
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	\$423,750
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$1,111,872
2016	New York University	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$3,425,581
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105168	Early Events in Pneumococcal Colonization	\$423,750
2016	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$371,280
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109903	Molecular Regulation of Germinal Center B Lymphocytes	\$48,576
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$7,215,105
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$576,342
2016	ROCKEFELLER UNIVERSITY	NY	F32AI110029	Selective Enrichment of Environmental DNA for Antibiotic Producing Gene Clusters	\$62,010
2016	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI102852	Cognitive and immune impairments in sepsis survivors	\$2,292,587
2016	Trustees Of Columbia University In The City Of New York	NY	R21AI119672	Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis	\$200,000
2016	ROCKEFELLER UNIVERSITY	NY	R21AI112602	Chromosome fragility and translocations in lymphocytes	\$254,250
2016	SUNY, STONY BROOK	NY	R21AI115069	Mechanism of TolC in the virulence of Francisella tularensis	\$195,071
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$682,631
2016	TRUDEAU INSTITUTE	NY	R21AI111000	Defining the role of lymphotoxin signaling in viral-induced lung immunopathology	\$243,750
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,981,157
2016	HEALTH RESEARCH, INC.	NY	R03AI117312	Use of whole genome sequencing for tuberculosis diagnostics	\$73,842
2016	CUNY, RESEARCH FOUNDATION	NY	R21AI121784	The representative microbiome: social determinants and tools for population research	\$202,110
2016	UNIVERSITY OF ROCHESTER	NY	R01AI121090	Neutrophil IFN-gamma in host defense and inflammation	\$449,928
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI123819	Impact of immunosuppression therapy on commensal fungi and intestinal disease	\$254,250

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2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109830	Therapeutic Applications of Broadly Neutralizing Anti-HIV-1 Antibodies to Clear Latently Infected Cells	\$48,576
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI126102	Control of antiviral immunity by RNA decay	\$211,875
2016	UNIVERSITY OF ROCHESTER	NY	F32AI126634	Allelic heterozygosity in Candida albicans Zn(2)Cys6 transcription factor function	\$54,294
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI125997	Identifying Novel Ion Channels Regulating T cell Function	\$254,250
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI125536	SUMO and ubiquitin modifications in henipavirus matrix trafficking and function	\$437,250
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI113919	Regulation of T Cell Responses by Chaperone-Mediated Autophagy	\$417,500
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI125651	KIR and HLA in cis and trans cooperatively shape human NK education	\$428,500
2016	ROCHESTER GENERAL HOSPITAL	NY	R03AI117700	Immune potentiation to improve neonatal and pediatric vaccines	\$80,000
2016	CORNELL UNIVERSITY	NY	R21AI117595	Cellular Metabolism in Lymphocytes in ME/CFS	\$197,943
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R56AI125693	Novel Anti-HCMV Strategies	\$415,790
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI127658	Novel vita-vaccine formula combines safety of dead and efficacy of live vaccines	\$421,942
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$470,004
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107443	Regulation of the potassium channel IK1 by calcium and histidine phosphorylation	\$254,250
2016	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of Systemic Autoimmunity	\$403,958
2016	SUNY, STONY BROOK	NY	R21AI121639	Small Molecule Inhibition of Pilus Biogenesis by Pathogenic Bacteria	\$195,071
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI123284	Non-Canonical Cross-presentation in Dendritic Cells Upon TAP Blockade	\$420,670
2016	Trustees Of Columbia University In The City Of New York	NY	F32AI120578	Elucidating the complex genetic and molecular basis of Plasmodium falciparum artemisinin resistance.	\$56,118
2016	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,189,150
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI122953	Novel HIV-1 Env trimer probes for efficient isolation of broadly neutralizing antibodies	\$729,983
2016	SYLVATICA BIOTECH, INC.	NY	R43AI124835	Sylvatica I-Corps Commercialization Jan2017 - High Subzero, Equilibrium VCA Cryopreservation	\$224,998
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI121436	Roles of DDX5 and its associated long non-coding RNAs in RORgt-mediated host immune system functions	\$536,329
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI118224	Small-Molecule Antibiotics Targeting Siderophore Biosynthesis in M. tuberculosis	\$704,690
2016	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$236,614

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	ROCKEFELLER UNIVERSITY	NY	R01AI124690	The yellow fever vaccine saga: Defining the viral and host determinants responsible for success versus failure	\$790,963
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI117287	Broad humoral protection induced by influenza B neuraminidase-based immunogens	\$353,124
2016	UNIVERSITY OF ROCHESTER	NY	R01AI117288	Passive and Active Immunization for Pneumocystis	\$464,598
2016	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$423,750
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$364,541
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$469,498
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$3,530,637
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$481,456
2016	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$457,250
2016	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$408,831
2016	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$441,921
2016	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$206,639
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116022	HUMAN TONSIL EXPLANTS AS A NOVEL MODEL FOR STUDYING DENGUE VIRUS INFECTION	\$209,129
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$418,258
2016	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$768,380
2016	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	\$501,205
2016	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$1,859,388
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI110067	Characterization of a novel cofactor of the M. tuberculosis proteasome	\$33,880
2016	UNIVERSITY OF ROCHESTER	NY	R01AI110764	Molecular mechanisms of caspofungin resistance in the pathogen Candida albicans	\$345,375
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R33AI102240	Discovery and evaluation of anti-filovirus therapeutics targeting NPC1	\$347,890
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$0
2016	Trustees Of Columbia University In The City Of New York	NY	R01AI113365	Diversifying and Regenerating T Cell Function	\$400,000
2016	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$659,105

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2016	CUNY, RESEARCH FOUNDATION	NY	SC1AI114843	Mechanism of cellular recognition and entry by a circovirus	\$352,688
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI112423	High throughput screening for inhibitors of HIV virological synapses	\$339,000
2016	UNIVERSITY OF ROCHESTER	NY	R01AI117787	Targeting IgM Memory to Establish Protective B Cell Responses to HIV	\$533,505
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI117641	Tolerance-inducing properties of human dendritic cell subsets in vivo	\$200,000
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI115091	Molecular dissection of vesiculogenesis in Mycobacterium tuberculosis	\$208,750
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI118337	Host and viral determinants of hepatitis C virus macaque infection	\$263,629
2016	CUNY, RESEARCH FOUNDATION	NY	R03AI117671	Conversion of DNA nuclease activation during both damage and infection	\$78,291
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI120898	Lentiviral Vector Vaccine for HIV-1	\$185,609
2016	RESEARCH FOUNDATION FOR MENTAL HYGIENE, INC	NY	R01AI122300	Use of ARV Drug Levels in DBS to Assess and Manage ART Adherence in South Africa	\$814,293
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$577,349
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI124000	Adipose tissue Inflammation is a critical mediator of host response to T. cruzi	\$250,500
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI119573	Inhibition of methionine biosynthesis eliminates persistent M. tuberculosis.	\$250,500
2016	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI123406	Non-canonical mechanisms of translation of viral mRNAs	\$594,272
2016	HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC	NY	R01AI116998	Development of HTP Assay for Inhibitors of Aerobactin Production	\$482,625
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI122285	Microbial, immune, metabolic perturbations by antibiotics (MIME study)	\$423,750
2016	POPULATION COUNCIL, INC	NY	R21AI124409	Assessing the acceptability, feasibility, and a potential distribution model of HIV oral self-testing (HST) among men who have sex with men (MSM) in Lagos, Nigeria	\$272,993
2016	HEALTH RESEARCH, INC.	NY	R21AI126416	High-throughput application of CRISPR technology to identify gene function in Salmonella	\$209,620
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI114161	Innate immunity to Dengue Virus vaccine candidates in human ex vivo model systems	\$43,476
2016	SUNY, BUFFALO	NY	R21AI125918	Regulatory element discovery in Anopheles gambiae	\$212,596
2016	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F32AI122715	LILRB as a homeostatic regulator of human macrophage classical activation	\$58,002
2016	AVATAR MEDICAL LLC	NY	R44AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$749,449
2016	CORNELL UNIVERSITY	NY	R01AI119122	Exploiting metabolic toxicities to identify compounds that inhibit cholesterol metabolism in M. Tuberculosis	\$387,500

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2016	SUNY, BUFFALO	NY	R21AI119415	The Role of US28 During HCMV Latency	\$198,438
2016	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI122332	Immune response to combined liver and bone marrow transplant for tolerance in NHP	\$320,000
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$221,314
2016	ROCKEFELLER UNIVERSITY	NY	F32AI126892	The role of epistatic networks in shaping adaptive landscapes	\$54,294
2016	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI124006	Highly Attenuated Vesiculovirus-based Vectors as HBV Therapeutic Vaccines	\$414,042
2016	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI122801	Early cellular sensing of blood stage Plasmodium Parasites by Innate Immune Cells	\$250,500
2016	SUNY, BUFFALO	NY	R01AI124677	Toxoplasma gondii Regulation of Host GABAergic Signaling	\$585,422
2016	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$455,077
2016	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$423,750
2016	ROCKEFELLER UNIVERSITY	NY	R01AI116943	A systematic analysis of small RNA interactions during RNA virus infections	\$539,134
2016	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$562,690
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$675,052
2016	OHIO STATE UNIVERSITY	OH	R21AI111125	Role of PRMT5 in HTLV-1 transformation and disease	\$231,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI108972	CD4+ T and B cell mechanisms of influenza vaccine non-responsiveness in older adu	\$454,879
2016	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,644,237
2016	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$103,730
2016	UNIVERSITY OF CINCINNATI	OH	R21AI116389	Revealing networks targeted by HSV-1 ncRNAs with in vivo gain-of-function studies	\$196,250
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$362,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI120204	Role of non-coding RNA in establishing and maintaining HIV latency	\$198,125
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI123089	Systemic immune modulation by enteric commensal fungi	\$195,000
2016	OHIO STATE UNIVERSITY	OH	R01AI121196	Role of Protein Ubiquitination in Sepsis	\$340,127
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116709	Asymptomatic Malaria Gametocyte levels in Kenya: An observational survey	\$382,287
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI126890	T cell Immunity and the Outcome of Acute HCV Infection	\$797,768
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI125202	A multi-tiered approach to develop validated assays to predict efficacy of a tetravalent live attenuated Dengue Virus vaccine in Phase II and Phase III clinical trials	\$1,264,663

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2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2016	Research Institute at Nationwide's Children's Hospital	OH	U01AI131313	T Cell Immunity and HCV Infection Outcome	\$276,574
2016	UNIVERSITY OF CINCINNATI	OH	R01AI123158	ER stress and calcium in host adaptation of A. fumigatus	\$387,568
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$362,000
2016	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	\$385,407
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI120202	Maternal Regulatory T cell antigen-specificity	\$390,000
2016	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets	\$459,950
2016	OHIO STATE UNIVERSITY	OH	R21AI117122	Histoplasma mannoprotein discovery and virulence role of O-linked mannosylation	\$189,940
2016	OHIO STATE UNIVERSITY	OH	R01AI121124	Infectious Entry Mechanisms of Obligatory Intracellular Pathogen	\$385,000
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	F31AI118179	A follicular regulatory subset of natural killer cells	\$36,036
2016	UNIVERSITY OF TOLEDO	OH	R15AI119980	Novel role of RNA signaling in cross-talk between autophagy and apoptosis	\$442,500
2016	OHIO STATE UNIVERSITY	OH	F31AI120868	Mechanism of HIV-1 gRNA-Gag interaction leading to selective genome packaging	\$31,596
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI127252	Defining the lncRNA-mediated cis regulatory networks that control HIV life cycle in T cells	\$237,750
2016	OHIO STATE UNIVERSITY	OH	R01AI123661	A novel lactic acid bacteria-based norovirus vaccine	\$618,184
2016	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	\$561,921
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,642,142
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$503,930
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,596,844
2016	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$381,250
2016	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$1
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Appro	\$131,479
2016	OHIO STATE UNIVERSITY	OH	R21AI113477	Human susceptibility to Legionella infection	\$191,143
2016	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$436,500
2016	UNIVERSITY OF CINCINNATI	OH	R56AI121028	Mechanisms of vGPCR mediated Cytomegalovirus Growth in the Salivary Gland	\$395,000
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI121325	BIOMARKERS AND RISK STRATIFICATION IN PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA	\$175,499
2016	CASE WESTERN RESERVE UNIVERSITY	OH	F32AI114109	Connecting the microbiota to peripheral immune quiescence by T cell crosstalk	\$60,402

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2016	OHIO STATE UNIVERSITY	OH	R01AI123253	Regulation of Innate Immune System Sensing of C. Albicans Infections	\$375,612
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	DP1AI131080	Immunological identity redefined by genetically foreign microchimeric cells	\$1,092,000
2016	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$365,000
2016	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$412,060
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$390,000
2016	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$12,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$356,625
2016	UNIVERSITY OF CINCINNATI	OH	R01AI113162	Suppression of IgE-Mediated Disease by Polyclonal Rapid Desensitization	\$432,266
2016	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$118,130
2016	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,058
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI119236	The role of TET1 in childhood asthma	\$195,000
2016	OHIO STATE UNIVERSITY	OH	R01AI120209	HIV-1 Nef Interaction with Nef-associated Factor 1 Regulates Viral Latency	\$200,000
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI123783	Role of TRIF and EGFR in STING Signaling	\$237,750
2016	OHIO STATE UNIVERSITY	OH	R01AI124121	Restoring macrophage function in cystic fibrosis	\$509,733
2016	Research Institute at Nationwide's Children's Hospital	OH	R21AI122228	The impact of quasi-envelope on hepatitis virus infection and immunity	\$186,875
2016	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI115642	Natural Resistance to Mycobacterium Tuberculosis Infection	\$686,622
2016	Research Institute at Nationwide's Children's Hospital	OH	R21AI120013	Calcium dependent mechanisms of neutrophil dysfunction that contribute to cystic fibrosis pathobiology	\$200,580
2016	UNIVERSITY OF TOLEDO	OH	R01AI121970	Intravital assessment of Borrelia burgdorferi immune clearance in skin	\$389,683
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$439,113
2016	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$346,161
2016	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$257,183
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$323,036
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$389,592

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2016	UNIVERSITY OF CINCINNATI	OH	R21AI115358	Antigen metabolomics for mucosal-associated invariant T cells in tuberculosis	\$158,000
2016	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$515,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$1,603,285
2016	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$187,448
2016	OHIO STATE UNIVERSITY	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$746,802
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI118302	Lipoxins and control of inflammation during cerebral malaria	\$195,000
2016	OHIO STATE UNIVERSITY	OH	R01AI116975	Automation and Multi-Site Validation of a Personalized Empiric Antibiotic Advisor	\$385,433
2016	UNIVERSITY OF CINCINNATI	OH	R21AI120084	Mechanism of restored immune tolerance in anti-TLR4 antibody reversal of NOD T1D	\$197,500
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI117350	Novel unconventional myosins in B cell activation	\$237,750
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI110156	HIV eradication by ADCC-activated NK cell killing	\$475,500
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI122132	Human monoclonal antibodies against norovirus.	\$234,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI122380	Targeting the IL-10 pathway for an HIV Cure	\$201,087
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI124348	Resistance to MTB infection in HIV infected individuals in Uganda and S. Africa	\$2,292,400
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI024717	Genetic Linkage in Lupus	\$390,000
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116730	Transcriptional regulation by O-GlcNAcylation in T lymphocytes	\$396,250
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$396,250
2016	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$40,000
2016	Research Institute at Nationwide's Children's Hospital	OH	R21AI117547	Metabolic dysregulation and therapeutic intervention in asthma	\$226,950
2016	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,474,468
2016	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	\$373,749
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	\$584,545
2016	GUILD ASSOCIATES INC	OH	R01AI111535	Detection of Biodefense Pathogens Using Phage Diagnostics	\$335,037
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$373,750
2016	UNIVERSITY OF CINCINNATI	OH	F30AI109893	FUT2 Genotype Impact on National Burden of Norovirus Infections	\$0
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI114508	Molecular Epidemiology of Carbapenem-Resistant Klebsiella pneumoniae	\$235,518
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$494,532
2016	Research Institute at Nationwide's Children's Hospital	OH	R01AI114581	Metabolic programming in TH17 cell differentiation	\$373,750

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2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124355	Genetic and Immunological Dissection of Eosinophilic Esophagitis	\$555,000
2016	OHIO STATE UNIVERSITY	OH	R21AI126082	IL-10 as a host modifier of PZA activity	\$231,000
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	T32AI118697	Pathogenesis and therapeutic targeting of immune disorders	\$140,586
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI114831	Receptors of Rotavirus	\$528,037
2016	Research Institute at Nationwide's Children's Hospital	OH	P01AI112524	Live Attenuated RSV Vaccine with Optimized Safety and Immunogenicity	\$1,489,165
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI121524	Preclinical Study of IL-27-Conditioned Tregs to Treat GvHD	\$198,125
2016	OHIO STATE UNIVERSITY	OH	R01AI121405	Epigenetic modulation of T cell tolerance in Multiple Sclerosis autoimmunity	\$438,928
2016	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$568,411
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$396,250
2016	CLEVELAND STATE UNIVERSITY	OH	R15AI103889	Selective tubulin inhibitors with improved cell uptake for kinetoplastid infections	\$436,500
2016	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$2,553,716
2016	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$462,463
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$708,141
2016	OHIO STATE UNIVERSITY	OH	R01AI107250	Multifaceted activity of listeriolysin O during host cell invasion by Listeria	\$380,626
2016	OHIO STATE UNIVERSITY	OH	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$524,226
2016	Research Institute at Nationwide's Children's Hospital	OH	K08AI108792	Burkholderia-mediated defective killing mechanisms in macrophages from cystic fibrosis (CF) patients	\$151,200
2016	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI106705	Mechanisms of Transmissibility in Prion Diseases	\$1,534,730
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI119287	A Novel Folate Antagonistic Strategy to Treat Drug Resistant Pseudomonas aeruginosa and Enterobacteriaceae	\$217,938
2016	UNIVERSITY OF CINCINNATI	OH	R03AI117587	An innovative treatment for Pneumocystis pneumonia	\$79,000
2016	OHIO STATE UNIVERSITY	OH	R56AI127667	Mechanisms of HIV-1 RNA Methylation in Regulating Viral Replication	\$400,272
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R33AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$492,372
2016	UNIVERSITY OF CINCINNATI	OH	R21AI115003	Shiga toxin activity in human intestinal organoids	\$237,188
2016	OHIO STATE UNIVERSITY	OH	R21AI122981	CRISPR gRNA library screen of the HIV-1 genome	\$192,500
2016	OHIO STATE UNIVERSITY	OH	R21AI124687	Stromal IL -6/Jak-STAT Signaling and Pancreatitis	\$231,000
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,934,466
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$396,250
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$176,349

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$191,213
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$457,872
2016	OHIO STATE UNIVERSITY	OH	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$526,398
2016	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$513,198
2016	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$354,083
2016	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$385,000
2016	GUILD ASSOCIATES INC	OH	R33AI100164	Bioluminescent reporter phage for the diagnostic detection of shigellosis	\$400,013
2016	Research Institute at Nationwide's Children's Hospital	OH	R13AI112234	Seventh Annual Pediatric Asthma Conference: Community Engagement as a Bridge to Improve Asthma Outcomes	\$4,000
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	\$390,000
2016	OHIO STATE UNIVERSITY	OH	R21AI124463	Brd4 interactions with host and viral proteins via the extra-terminal domain	\$226,928
2016	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI127201	Training Program in HIV Cure	\$227,649
2016	WRIGHT STATE UNIVERSITY	OH	R01AI114804	TRPM7 and Cellular pH	\$370,000
2016	UNIVERSITY OF CINCINNATI	OH	R01AI126818	Dendritic cell KLF2/Notch Axis and Th2 Responses to Eukaryotic Pathogens	\$512,675
2016	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$916,571
2016	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI116668	L-citrulline and anti-tuberculosis host defense	\$390,000
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$459,405
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R37AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$534,188
2016	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI119906	The Role of CT228 in Chlamydia trachomatis pathogenesis	\$23,235
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI125708	Re-directing B cell responses to carbohydrate antigens	\$222,000
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI122693	E protein activity regulates effector lineage differentiation of NKT and ILCs	\$214,375
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI126741	49th Annual Meeting of the Society for Leukocyte Biology (SLB). Inflammation, Immunity and Cancer: Neutrophils and Other Leukocytes	\$9,000
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI118787	Functional Interaction Between T-cell and B-cell Immune Pathways in Neuro-inflammatory Disorders	\$646,131
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$164,855

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2016	UNIVERSITY OF OKLAHOMA	OK	R21AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	\$190,000
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI127481	Regulation of Plasmodium-specific CD4+ T Cells	\$370,000
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	\$370,000
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI123951	Identification of Proteins Interacting with ARID3a	\$74,000
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI125446	Development and function of CD4+ memory T cells during malaria	\$370,000
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI126001	Single cell visualization of the V(D)J recombinase complex	\$74,000
2016	UNIVERSITY OF OKLAHOMA	OK	R01AI101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$492,860
2016	UNIVERSITY OF OKLAHOMA	OK	R21AI115390	Procuring Native Natural Product Producers by In Situ Chimera Assembly	\$189,250
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$3,124,171
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI107176	Localizing functional variants in SLE susceptibility genes	\$214,375
2016	OKLAHOMA STATE UNIVERSITY CHS	OK	R21AI121591	MicroRNA-193b regulation of influenza virus replication	\$218,700
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI126851	Exploring the thymic origin of group 2 innate lymphoid cells	\$544,276
2016	IMMUNO-MYCOLOGICS INC	OK	R44AI096945	Lateral Flow Assay for Diagnosis of Histoplasmosis	\$846,913
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$329,475
2016	UNIVERSITY OF OKLAHOMA	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$427,085
2016	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$409,236
2016	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI121925	Characterization of a C. difficile Toxin-Encoded Cell Penetrating Peptide	\$222,000
2016	UNIVERSITY OF OKLAHOMA	OK	R21AI115178	Targeting mosquito FREP1 protein for malaria control	\$236,014
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	\$384,766
2016	TOMEGAVAX INC	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$986,188
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116635	Genetic Pathways of Human Cytomegalovirus Drug Resistance	\$315,000
2016	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$598,534
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI113074	The MmpL11 interactome	\$192,500
2016	OREGON STATE UNIVERSITY	OR	R21AI111201	High-density linkage map to find snail genes that block schistosome transmission	\$146,000

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2016	DESIGNMEDIX INC	OR	R41AI118089	High-potency nitro antimicrobials for topical treatment of trichomoniasis	\$353,902
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI117156	Developing low-background inducible expression technology for Leishmania donovani	\$192,500
2016	STONESTABLE, INC.	OR	R41AI126940	Stabilization of Influenza Vaccine by Silica-Coating	\$224,993
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$417,403
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,475,833
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114842	Development of Drugs that Target the Malaria Hexose Transporter	\$192,500
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114822	The Role of the Kharon Complex in Leishmania Virulence	\$192,500
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI124370	Efficacy of Strain 68-1 RhCMV Vectors Expressing 5' Leader Polypeptides	\$882,566
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI126606	International Herpesvirus Workshop	\$8,000
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F31AI122471	Establishing a non-human primate model of HLA-E-restricted CD8+ T cells	\$43,576
2016	NAJIT TECHNOLOGIES INC	OR	R41AI122462	Development of a novel platform to enhance intracellular bioavailability of antisense morpholino oligomers	\$318,591
2016	SEDIA BIOSCIENCES CORPORATION	OR	R44AI114365	Development and Commercialization of an Innovative Rapid HIV-1 Incidence Assay	\$1,000,000
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$385,000
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$965,662
2016	UNIVERSITY OF OREGON	OR	F32AI112094	Elucidation of Host and Bacterial Factors that Influence Resilience and Robustnes	\$0
2016	PROVIDENCE PORTLAND MEDICAL CENTER	OR	R21AI126151	Increasing the potency of Listeria monocytogenes-based vaccines by eliminating vaccine-related gamma delta T cell responses.	\$247,500
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$566,970
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$613,423
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$453,709
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$1,395,722
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117802	A universal MHC-E-restricted T cell vaccine for HIV	\$829,438
2016	REED COLLEGE	OR	R21AI115193	Pch Super Family Regulators of Gram-Negative Pathogens	\$182,420
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$220,500
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$499,607

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2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI119439	Evaluating corraling and the effect of dung beetles on transmission and control of cysticercosis	\$119,719
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI121160	Function of the Essential KHARON1 Protein in Bloodstream Form African Trypanosomes	\$524,134
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI127125	Impact of retroviral infection on non-classical, mycobacteria-specific T cells.	\$224,839
2016	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$715,099
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112328	Nucleoside-Nucleobase Transporters in the Biology and Pathogenesis of T. cruzi	\$231,000
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI116107	T cell response to fibroblast-trophic CMV vaccine in humans	\$192,253
2016	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI122574	Development of DR?1-MOG-35-55 for treatment of DR2 negative MS subjects	\$224,796
2016	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$210,140
2016	REED COLLEGE	OR	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	\$373,238
2016	OREGON STATE UNIVERSITY	OR	R01AI109134	A new genetic mechanism in snails that controls transmission of schistosomes	\$363,097
2016	DESIGNMEDIX INC	OR	R42AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$994,275
2016	OREGON STATE UNIVERSITY	OR	R21AI124012	Molecular target of a novel broad-spectrum antiviral and antibacterial compound	\$227,480
2016	UNIVERSITY OF OREGON	OR	F32AI112094	Elucidation of Host and Bacterial Factors that Influence Resilience and Robustnes	\$58,002
2016	OREGON STATE UNIVERSITY	OR	R21AI121752	Chlamydia-induced host protein degradation and its impact on the adaptive immune response.	\$234,117
2016	TOMEGAVAX INC	OR	R43AI126963	A Cytomegalovirus Vected Chagas Disease Therapeutic Vaccine	\$224,959
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$506,425
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$505,796
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$312,472
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$400,000
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$1,147,087
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$400,000

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2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$613,182
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI106842	Protective and Pathologic Roles for CD8+ T cells in Leishmaniasis	\$400,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$380,950
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI110793	Influence of temperature on malaria transmission and prospective vector control	\$536,412
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$381,220
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117100	Novel approaches to propagate molluscum contagiosum virus in cell culture	\$246,211
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI114264	Pre-clinical evaluation of an adenoviral-based MERS-CoV vaccine	\$203,040
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI121555	Imaging and PK-PD of micafungin at sites of Candida glabrata infection in vivo	\$248,250
2016	UNIVERSITY OF PITTSBURGH	PA	UH2AI122295	Rational Design of Combination Regimens Targeting Both Host and Pathogen	\$571,191
2016	INSTITUTE FOR CANCER RESEARCH	PA	F32AI120541	Molecular mechanisms of gamma/delta T cell lineage commitment	\$56,118
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI124241	Transcription elongation in B cell differentiation	\$192,500
2016	ALLEGHENY SINGER RESEARCH CORP	PA	R21AI126335	Rejuvenate aged adaptive immunity with bioengineered thymus organoids	\$240,660
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI127066	Host and Pathogen Diversity in Mtb and SIV Infection	\$189,843
2016	UNIVERSITY OF PENNSYLVANIA	PA	K23AI121485	Longitudinal analysis of respiratory tract microbiome change and sequence-based infection diagnosis during mechanical ventilation	\$182,498
2016	PROGENRA INC	PA	R43AI126950	Novel ubiquitin protease inhibitor for treating asthma	\$205,893
2016	VENATORX PHARMACEUTICALS INC	PA	R43AI124925	Discovery of inhibitors of BK polyomavirus	\$341,629
2016	HSIRI THERAPEUTICS LLC	PA	R43AI124764	Structural Modification of Daptomycin to Allow Anti-Pseudomonas Activity	\$202,150
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI114674	The Consequences of Reinfection with M. tuberculosis	\$765,415
2016	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,739,506
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118691	Mechanistic studies of BlyS-mediated modulation in HIV-1 Env-specific antibody responses	\$695,610
2016	WISTAR INSTITUTE	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$423,818
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI122640	Molecular studies of VZV infection, latency and reactivation in human neurons in-vitro	\$470,273
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$702,901
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI116575	Analyzing Adult Pneumococcal Vaccination Implementation in the Underserved	\$308,000

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2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$380,343
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117282	Separation of GVHD and GVT effects by a TCR signaling mutation	\$200,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$630,894
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$529,646
2016	PENNSYLVANIA STATE UNIVERSITY	PA	F32AI124507	Characterizing the gametocyte metabolome of the human malaria parasite Plasmodium falciparum	\$56,118
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$1,090,934
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	\$614,805
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI111789	Harnessing type 1 IFN-stimulated antiviral mechanisms for HIV vaccine design	\$199,718
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI110410	Dipyridamole as a Modulator of HIV-1 Inflammation by Adenosine Regulation	\$1,111,436
2016	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$171,904
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104946	Puf-Mediated Translation Control in Plasmodium	\$367,874
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI116983	Molecular mechanisms used by Chlamydia trachomatis to manipulate membrane fusion	\$390,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117365	Harnessing inflammasome activation to enhance efficacy of Salmonella vaccines	\$204,648
2016	UNIVERSITY OF PENNSYLVANIA	PA	K22AI112570	Super-enhancer structure defines a signature of inflammatory bowel disease (IBD)	\$105,224
2016	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI120249	Film Antiretroviral Microbicide Evaluation	\$4,043,952
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI114587	In Vivo Detection And Mechanisms Of Regulatory B Cell Function In Transplantation	\$377,440
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI111815	The Impact of Pre-existing SIV on Host Immunity to M tuberculosis in Macaques	\$754,049
2016	INSTITUTE FOR CANCER RESEARCH	PA	R13AI120569	The ThymUS 2016 International Conference on Lymphopoiesis	\$15,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI123934	Transcriptomes and Proteomes of Plasmodium Vivax	\$216,632
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI119117	The "Kick" Revisited in the "Kick and Kill" Strategy	\$223,397
2016	TEMPLE UNIVERSITY	PA	R21AI126133	Inflammasome activation by Salmonella typhimurium biofilms	\$234,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI071043	Perinatal Thymic Innate Lymphocytes, Skin-homing, and Cutaneous Immune Homeostasis	\$383,235
2016	DREXEL UNIVERSITY	PA	R01AI114292	Multivalent chimeric subunit malaria vaccines	\$493,521
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI121981	Countering the pro-inflammatory attributes of IL-33 during hematopoietic cell transplantation for tolerance induction	\$226,680
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118891	Viral Modulation of Epigenetic Mechanisms	\$483,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$363,491

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2016	UNIVERSITY OF PITTSBURGH	PA	K08AI114883	Caspofungin pharmacokinetics-pharmacodynamics during intra-ardbominal candidiasis	\$157,642
2016	UNIVERSITY OF PITTSBURGH	PA	P01AI108545	Synergies among inhibitory receptors in tolerance, cancer and antiviral immunity	\$2,161,524
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$471,048
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$400,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$385,800
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$468,545
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$713,295
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$947,016
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$603,878
2016	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	\$1,446,843
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	\$1,388,771
2016	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of hematopoiesis by ribosomal protein paralogs	\$442,681
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI117429	Generation and characterization of human B1 B cells induced by Lin28b reprogramming of adult hematopoietic progenitors	\$223,125
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$656,544
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI123611	Regulation of cellular functions by two human Polyomaviruses	\$231,000
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121822	Role of estrous cycle and contraceptives in anogenital papillomavirus infection	\$232,050
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124057	Identifying Rare Subtypes of CD8 T-cells Using Single Cell Reactors	\$153,800
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125563	Impact of early T-bet on CD8 T cell effector responses	\$402,292
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI119892	Molecular Basis for Activity by Membrane Bound O-Acyltransferases	\$260,583
2016	UNIVERSITY OF PITTSBURGH	PA	R56AI043603	Murine Memory B Cell Development and Function	\$609,229
2016	UNIVERSITY OF PITTSBURGH	PA	K22AI108600	Visualizing Influenza Viral RNA Packaging	\$158,000
2016	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI125005	DEVELOPMENT OF TOPICAL ANTIVIRAL AGENTS FOR TREATING MOLLUSCUM CONTAGIOSUM	\$1,002,030
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI116855	Comparative and functional genomics of Toxoplasma and Hammondia hammondi	\$357,348
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124429	Nucleoside modified mRNA based HIV vaccine	\$859,974

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2016	DREXEL UNIVERSITY	PA	R21AI121821	Polymorphism: Antifungal Drug Resistance & Adaptation in Candida	\$195,625
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI127472	Enhanced Detection System for Healthcare-Associated Transmission of Infection	\$762,222
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$173,167
2016	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$2,099,401
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125265	Resident Memory T cells in Leishmaniasis	\$402,083
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$400,000
2016	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$351,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$400,000
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$420,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$447,942
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$329,620
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$234,310
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118861	Innate immune-mediated control of pulmonary Legionella pneumophila infection	\$400,000
2016	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$879,526
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	\$168,681
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$1,124,887
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113543	Origins of serum IgA antibodies	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	F31AI114227	Understanding the role of IL-22 in cutaneous leishmaniasis	\$30,341
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$387,500
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI113050	Alveolar macrophage protein interactions in response to SP-A and infection	\$200,375
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$975,370
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI117331	Development of a novel live attenuated vaccine for eastern equine encephalitis virus	\$230,369
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$564,578
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120821	Rapid Immune Restoration and Lung Injury in HIV/TB	\$614,410
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI124868	Risk of Liver Complications with HBV and HIV Viremia During Tenofovir-Based ART	\$209,206
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI124676	Dissecting the role of the ATF4 stress response in T cell-mediated inflammation	\$192,500

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2016	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R21AI119368	Comprehensive functional assesment of the human antibody response to Enterovirus 71	\$258,209
2016	THOMAS JEFFERSON UNIVERSITY	PA	R56AI123272	Development of a single-dose rabies vaccine	\$351,000
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI121876	The Toponome of Virus Infected Skin	\$193,375
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI107121	Mechanisms of Enterovirus Entry	\$396,690
2016	UNIVERSITY OF PITTSBURGH	PA	R37AI118841	Investigating How TLR7 Activates and TLR9 Regulates Systemic Autoimmunity	\$382,300
2016	UNIVERSITY OF PENNSYLVANIA	PA	R56AI125415	Calcium Regulation of NF-kB Activation in Lymphocytes	\$576,007
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$664,282
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI123243	Defining human noncanonical inflammasome responses to Legionella pneumophila	\$401,458
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$349,995
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$381,727
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121250	IL-33 Blockade as a Novel Therapeutic for T-cell Mediated Hypercytokinemia Syndromes	\$643,084
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI018289	Functions of HSV glycoproteins in virus entry and the humoral immune response	\$400,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$383,380
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$536,779
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$418,219
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$463,259
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$287,143
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$3,368,977
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$368,360
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$159,553
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$377,299
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$398,102
2016	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,921,458
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	\$480,956
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular mechanisms of eastern equine encephalitis virus pathogenesis	\$429,258
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI111115	Characterization of microRNA binding sites in the eastern equine encephalitis virus 3'NTR	\$224,682

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2016	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$15,759,391
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$385,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$128,358
2016	DREXEL UNIVERSITY	PA	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$551,007
2016	WINDTREE THERAPEUTICS INC	PA	R44AI102308	KL4 Surfactant to Mitigate Radiation-Induced Lung Injury	\$985,783
2016	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI104121	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM INFLUENZA A VIRUS	\$40,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI113220	The REL gene and human autoimmune diseases	\$200,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R33AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$469,045
2016	WISTAR INSTITUTE	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$451,789
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI118589	Enhancing the Properties of HIV-1 Integrase and Determination of its Structure in Complex with DNA Substrates	\$267,750
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$578,731
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI104844	Therapeutic targeting of malarial placental cytoadherence	\$485,191
2016	UNIVERSITY OF PENNSYLVANIA	PA	R33AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$471,643
2016	UNIVERSITY OF PITTSBURGH	PA	R03AI122067	The Effects of M. tuberculosis Infection on Lung Microbiome in Macaques	\$91,365
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI119069	Targeting RIP1-mediated pathways for immune homeostasis and tolerance	\$390,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI122369	Hepatocyte xenografts for treatment of acute liver failure	\$1,034,028
2016	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI123392	Induction of allogeneic tolerance with bioengineered thymus organoids	\$383,586
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI121815	Generation of Novel Human Monoclonals for Lung Disease	\$192,500
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI125796	Pathogenic Contributions of Clostridium perfringens NanI Sialidase	\$189,760
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI121180	Stem cell-derived regulatory T cells for therapeutic use in arthritis	\$377,431
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125814	E. coli niche expansion and adaptation in the dysbiotic intestine	\$241,375
2016	DREXEL UNIVERSITY	PA	R56AI028398	Mitochondrial Functions in Malaria Parasites	\$512,494

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2016	HEPATITIS B FOUNDATION	PA	R13AI124562	2016 Internatinal Meeting o the Molecular Biology of Hepatitis B Viruses	\$7,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI120812	Estimation and Projection of HIV/AIDS Epidemics	\$383,449
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI126351	Integration of Enteric Immune and Nervous Systems in the Mucosal Recall Immune Response	\$223,529
2016	UNIVERSITY OF PITTSBURGH	PA	R34AI123033	Dendritic Cell (DCreg) Therapy in Live Donor Renal Transplant Recipients	\$231,188
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115710	Control of plasma cell longevity by the IRE1 pathway	\$201,774
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI127670	Regulation of Hepatitis B Virus Capsid Assembly	\$378,810
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI123241	Class IIa HDAC and MEF2 Targeting to Promote Foxp3 + Treg Cell Functions	\$420,000
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI125050	Cadaveric Donor Lung and Bone Marrow Transplantation in Immunodeficiency Diseases	\$959,096
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI038296	Molecular Basis of Reovirus Pathogenesis	\$440,768
2016	UNIVERSITY OF PENNSYLVANIA	PA	F31AI124538	Long noncoding RNAs in innate lymphoid cell biology	\$43,576
2016	UNIVERSITY OF PITTSBURGH	PA	F30AI122563	Mechanisms of noncytolytic reovirus egress	\$28,240
2016	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI122301	Development of a urine-based point-of-care test for adherence to antiretroviral drugs	\$585,175
2016	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$1,491,683
2016	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$446,250
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI114907	Mycoplasma genitalium, differentiated Ureaplasma species, and pregnancy outcomes	\$210,679
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$140,571
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$306,883
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI123747	Mechanisms and implications of fosfomycin resistance in Escherichia coli	\$225,600
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$390,720
2016	THOMAS JEFFERSON UNIVERSITY	PA	R03AI115412	Toll-like receptor signaling in B1b memory	\$78,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$133,759
2016	PHELIX THERAPEUTICS LLC	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$359,453
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	\$353,590
2016	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$1,230,515
2016	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$380,747
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105343	Cellular and transcriptional control of exhausted CD8 T cells lineage dynamics	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI118431	Viral and Immune Dynamics of Rebound Viremia after VRC01 Administration	\$200,000

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2016	UNIVERSITY OF PITTSBURGH	PA	R01AI111871	HIV-TB Co-infection: Tracking TB emergence after asymptomatic (latent) infection	\$678,045
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI119042	Enhancing Neutrophil Responses to Counter MDR Gram Negative Bacterial Pneumonia	\$207,576
2016	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$578,621
2016	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$2,316,462
2016	WISTAR INSTITUTE	PA	U19AI109646	Synthetic DNA & Novel Env Vaccine for HIV	\$3,424,516
2016	VENATORX PHARMACEUTICALS INC	PA	R43AI118115	Discovery and Advancement of Chikungunya virus inhibitors	\$300,000
2016	INSTITUTE FOR CANCER RESEARCH	PA	R21AI119433	Mechanisms for cccDNA Formation and Persistence	\$223,125
2016	VENATORX PHARMACEUTICALS INC	PA	R43AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	\$300,000
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$420,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117718	Defining the role of microRNAs in CD8 T cell exhaustion	\$240,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI113609	Quantifying insecticide impact on malaria transmission: does resistance matter?	\$182,845
2016	INSTITUTE FOR CANCER RESEARCH	PA	R01AI113320	Mechanisms regulating the B lymphopoiesis fetal/adult switch	\$446,250
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI120560	Single-Cell Virology	\$477,751
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117135	Genetic determinants of systemic host-adapted Salmonella	\$240,875
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI121166	Leukocyte Activation and Migration in Autoimmune Encephalomyelitis	\$401,667
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI123771	Dendritic Cell-Mediated Oral Antigen Tolerance and the Lung	\$241,000
2016	TEMPLE UNIVERSITY	PA	R21AI119947	Bacterial amyloids break tolerance in lupus	\$234,000
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI125565	Dissecting the role of ApiAP2 proteins in transcriptional regulation during Plasmodium falciparum development	\$383,255
2016	TEMPLE UNIVERSITY	PA	R21AI122035	Role of Nuclear Lamina in the epigenetic regulation of Epstein-Barr Virus Infection	\$234,000
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121015	Virulence mechanisms in the emerging pathogen Kingella kingae	\$420,000
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI115104	Identifying proteins involved in virus DNA replication	\$210,000
2016	Evrys Bio, LLC	PA	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$437,500
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI125924	Dissecting the mechanism of RIPK1 kinase-dependent cell death in control of Yersinia infection	\$249,955
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI121880	Mechanistic studies of M and NP interactions of paramyxoviruses	\$194,256

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2016	UNIVERSITY OF PITTSBURGH	PA	P01AI106684	Immune Airway-Epithelial Interactions in Steroid-Refractory Severe Asthma	\$1,534,850
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120810	Studies of the precursor of the human AIDS virus in its natural chimpanzee host	\$717,633
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI117410	Complement dysregulation and atypical hemolytic uremic syndrome	\$400,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120489	ROS responses during Vibrio cholerae infection	\$503,326
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI118896	Differential modulation of RIG-I and cGAS signaling by OASL and its role in antiviral response.	\$425,488
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$494,754
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$547,477
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$215,129
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$383,380
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$260,021
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$475,202
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$444,891
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI122749	Antiviral immunity in the gut: how the intestinal epithelium and microbiota regulate infection	\$444,607
2016	VENATORX PHARMACEUTICALS INC	PA	R44AI122421	Advancement to Clinical Candidate of Novel, Potent and Selective Chikungunya virus inhibitor series	\$1,121,180
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$375,737
2016	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$382,500
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	\$133,758
2016	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$477,603
2016	ACTUATED MEDICAL INC	PA	R44AI080335	Portable Transdermal Acoustic Patch for Delivery of Large Molecules to Improve HIV Patient Medication Regime Compliance by Elimination of Side-Effects, Including Injection Site Reactions	\$808,204
2016	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	\$133,758
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$418,750
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$599,572
2016	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$1,799,772
2016	WISTAR INSTITUTE	PA	U01AI110434	Towards Eradication: Reducing Proviral HIV DNA with Interferon-? Immunotherapy	\$1,837,344

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2016	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$4,243,008
2016	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	\$42,037
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI115230	Poxviruses and Pro-Resolving Lipids	\$238,073
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI116276	Visualization of in vivo HIV-1 vaginal transmission in the presence and absence of PrEP	\$613,909
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI114266	Restriction of HIV-1 transmission by type 1 interferons	\$603,486
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104878	Watching Conformational Rearrangements in Poliovirus RNA-Dependent RNA Polymerase	\$371,016
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112456	Non-CD4 tropic SIV: Enhancing CD4 T-cell help in antiviral immune responses	\$816,112
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI116746	Contribution of TFH and of TREG cells to DSA generation in sensitized KTx recipients	\$151,260
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106026	The role of IL-27 in iv tolerance in EAE	\$387,500
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI107825	Negative Control of IL-17R Signaling: Implications for Fungal Immunity	\$382,423
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$499,999
2016	UNIVERSITY OF PENNSYLVANIA	PA	R33AI102104	Host-Oriented Therapeutics Targeting Filovirus Budding.	\$472,800
2016	IMMUNOMIC THERAPUETICS INC.	PA	R43AI118003	Development of Nanoplasmid LAMP-based Peanut Allergy Immunotherapy	\$107,739
2016	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI115759	Development of Small Molecule Therapeutics Against Smallpox and Other Poxviruses	\$1,197,020
2016	THOMAS JEFFERSON UNIVERSITY	PA	R21AI113819	Exploiting an artificial APC to induce different T cell subsets	\$207,321
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120011	A FAST Assay to Quantify HIV Reservoirs	\$574,565
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI114920	Control of coronavirus pathogenesis by antagonism of RNase L	\$199,625
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109472	IL-10 producing neutrophils during respiratory virus infection	\$200,000
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI120777	Using Biomarkers to Understand the HIV Epidemic in a Community Sample of Black MSM	\$192,500
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116317	Epigenetic Control of Plasma Cell Differentiation	\$200,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115688	Role of beta-arrestin-2 on IgE-mediated cofilin dephosphorylation and mast cell activation	\$240,000
2016	UNIVERSITY OF PITTSBURGH	PA	K22AI108719	Regulation of commensal-specific T cells during gastrointestinal inflammation	\$108,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R13AI124627	20th Annual Woods Hole Immunoparasitology Meeting	\$5,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118549	Targeting 5' leader-encoded defective ribosomal products for HIV T cell vaccines	\$749,101
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI116794	Biomedical Computing and Informatics Strategies for Infectious Disease Research	\$571,791

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2016	UNIVERSITY OF PITTSBURGH	PA	F31AI126632	Elucidating the Role of the FACT Complex in the HSV-1 Life Cycle	\$43,576
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI121744	MicroRNA regulation of Natural Killer T Cell differentiation and activation	\$190,880
2016	WISTAR INSTITUTE	PA	R56AI024541	Regulatory T cell diversity in recognition of influenza virus HA	\$586,712
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI127677	Development of a Novel, Sensitive ZIKV-Specific Serodiagnostic Assay Utilizing Biologically Inspired Synthetic Molecules	\$693,991
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI121383	Early life antibiotics, gut microbiome development, and risk of childhood obesity	\$795,962
2016	MILTON S HERSHEY MEDICAL CENTER	PA	F31AI122608	B-cell intrinsic Type 1 and Type 2 interferon signaling in regulating spontaneous germinal centers and autoimmunity	\$37,176
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$385,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$478,032
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI120033	Improved Therapeutics and Diagnostics for PneumocystisPneumonia	\$487,618
2016	TEMPLE UNIVERSITY	PA	R01AI125111	Interleukin-36 cytokines in antiviral immune responses	\$390,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI125524	Splicing and Nuclear Transport of Influenza Virus mRNA	\$563,157
2016	ACCEL DIAGNOSTICS LLC	PA	R43AI125013	I-Corps Program for A rapid instrument-free diagnostic assay for the early detection and quantification of sepsis biomarkers in blood.	\$145,499
2016	UNIVERSITY OF PENNSYLVANIA	PA	U01AI125940	Trefoil factor proteins regulate inflammation and immunity	\$478,265
2016	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$180,186
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI124182	Role of a novel human mast cell G protein coupled receptor in Allergy and Inflammation	\$402,500
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$420,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI125338	PPAR-delta as a Novel Therapeutic Target in Asthma	\$385,000
2016	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$4,773,796
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$222,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$371,137
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$419,479
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$381,207
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI110848	Class II Processing and Presentation During Secondary Responses to Influenza	\$250,475

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI111037	Evolution of KPC-K pneumoniae that persist in patients on prolonged antibiotics	\$240,511
2016	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$385,282
2016	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI110328	Viral Long Noncoding RNA Functions in Epstein-Barr Virus Infection	\$378,297
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin resistance in extensively drug-resistant Gram-negative pathogens	\$376,778
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$618,448
2016	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114187	Single molecule FRET study of viral programmed ribosomal frameshifting	\$30,341
2016	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	\$48,576
2016	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$522,789
2016	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114089	Mechanisms of systemic IgA induction by commensal bacteria	\$58,002
2016	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114080	The Role of Myeloid Lineage Cells in Leishmaniasis	\$62,010
2016	PHELIX THERAPEUTICS LLC	PA	R44AI118063	CATHEPSIN L INHIBITORS AS PAN-CORONAVIRUS THERAPEUTICS	\$1,465,763
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI118195	PET Probes Targeting Immune Cells for Imaging Tuberculosis	\$685,055
2016	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI114515	Mechanisms of ubiquitin pathway activation and function	\$420,000
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI119346	Animal Model for Testing SIV Latency Reversal Strategies	\$718,966
2016	DREXEL UNIVERSITY	PA	R56AI118415	Design, optimization and mechanism of action of novel HIV-1 entry inhibitors	\$552,780
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$351,262
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI117644	T-cell clonotypes in BK virus infection complicated by acute rejection	\$230,190
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI123521	Regulation of B cells by Selenium	\$393,000
2016	UNIVERSITY OF PITTSBURGH	PA	F32AI122456	Characterizing the role of ER-shaping proteins during RNA virus infection	\$56,118
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI122071	The Effects of Nitrate/Nitrite and Conjugated Linoleic Acid Supplementation on the Obese Asthmatic Pathology	\$192,500
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI126157	Microbiome and host response signatures for pneumonia among lung transplant recipients	\$216,492
2016	UNIVERSITY OF PENNSYLVANIA	PA	R21AI126042	Utilizing BATF3-dependent DC to generate vaccine-induced cell mediated immunity	\$241,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$385,000
2016	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114475	Rapid and highly sensitive influenza detection with RNA FISH	\$30,325
2016	Evrys Bio, LLC	PA	R44AI122488	SIRTUIN AGONISTS AS PAN INFLUENZA ANTIVIRALS	\$304,858
2016	THOMAS JEFFERSON UNIVERSITY	PA	R56AI121270	Regulation of bacterial polysaccharide-specific B cell responses	\$404,688
2016	VIRONIKA LLC	PA	R43AI127117	Development of a Small Molecule Inhibitor for EBV Lytic Reactivation	\$300,001
2016	UNIVERSITY OF PENNSYLVANIA	PA	T32AI118684	Combined Adult and Pediatric Infectious Disease Postdoctoral Training Grant	\$213,256
2016	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$182,002
2016	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI128918	Potential for mosquitoes in the United States to transmit Zika virus	\$196,500
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI125799	Function of ToxR at high cell density	\$183,686
2016	UNIVERSITY OF PITTSBURGH	PA	R21AI125990	Exploring viral infection with single cell transcriptomics	\$255,750
2016	WISTAR INSTITUTE	PA	UM1AI126620	BEAT-HIV: Delaney Collaboratory to Cure HIV-1 Infection by Combination Immunotherapy	\$4,589,036
2016	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$4,142,379
2016	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	University of Puerto Rico Clinical Trials Unit	\$1,329,826
2016	UNIVERSITY OF PUERTO RICO	PR	R01AI122935	Optimization of HIV glycoproteins as vaccine candidates	\$1,457,227
2016	BROWN UNIVERSITY	RI	F31AI124556	The non-classical CD8+ T cell response to murine cytomegalovirus	\$43,576
2016	BROWN UNIVERSITY	RI	R21AI115089	The role of structural inheritance in the positioning of the T. brucei flagellum	\$203,125
2016	RHODE ISLAND HOSPITAL	RI	R21AI113394	Hepatitis B virus transcriptional interference and liver cancer-related mutations	\$241,500
2016	GORDON RESEARCH CONFERENCES	RI	R13AI122289	2016 Biology of Spirochetes Gordon Research Conference & Gordon Research Seminar	\$6,000
2016	RHODE ISLAND HOSPITAL	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$441,295
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126973	2016 Microbial Stress Response GRC & GRS:Sensing, Adaptation and Evolution in Microbes that Experience Stress	\$8,000
2016	RHODE ISLAND HOSPITAL	RI	R56AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$608,852
2016	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,249,648
2016	RHODE ISLAND HOSPITAL	RI	K24AI119158	Midcareer Investigator Award in Patient-Oriented Research	\$176,534

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2016	BROWN UNIVERSITY	RI	R21AI122011	Development of Quantitative Genetics Approaches in Candida albicans	\$253,225
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124475	2016 Microbial Toxins & Pathogenicity Gordon Research Conferences and Gordon Research Seminar	\$8,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126824	2016 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conference & Gordon Research Seminar	\$10,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126685	2016 Drug Resistance Gordon Research Conference	\$7,000
2016	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$406,250
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124513	2016 Biology of Acute Respiratory Infection Gordon Research Conference & Gordon Research Seminar	\$5,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI122628	2016 Antibody Biology and Engineering Gordon Research Conference & Gordon Research Seminar	\$4,000
2016	BROWN UNIVERSITY	RI	R56AI124461	NK Cell STAT3 and Virus-induced IL-6 Disease	\$592,303
2016	BROWN UNIVERSITY	RI	R21AI116309	Acceptability of PrEP for HIV Prevention among HIV-positive and HIV-negative Adolescents	\$179,320
2016	BROWN UNIVERSITY	RI	R56AI120830	Pathways contributing to racial disparities in HIV virologic response	\$466,591
2016	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$133,279
2016	UNIVERSITY OF RHODE ISLAND	RI	R21AI113479	NK cell regulation of immune responses to dengue	\$191,875
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126725	Cellular and Molecular Fungal Biology Gordon Research Conference	\$8,000
2016	EPIVAX, INC	RI	R43AI118189	Development of a Non-adjuvanted VLP Vaccine against Stealth H7N9 Influenza	\$300,000
2016	BROWN UNIVERSITY	RI	R21AI118393	Conditional Economic Incentives for Improving Adolescent Adherence to HIV Treatment	\$187,184
2016	RHODE ISLAND HOSPITAL	RI	R01AI116639	Hepatitis B virus vaccine escape mutants	\$362,250
2016	RHODE ISLAND HOSPITAL	RI	R01AI116629	Use of Biomimicry to Determine the Effect of Sepsis on Neutrophil Traction	\$445,004
2016	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$1,678,852
2016	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$8,000
2016	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$155,984
2016	RHODE ISLAND HOSPITAL	RI	R01AI101274	Schistosome Vaccines	\$381,751
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124614	2016 Immunochemistry & Immunobiology Gordon Research Conference & Gordon Research Seminar	\$8,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI126686	Bacterial Cell Surfaces: Assembly and Function of Bacterial Surfaces from the Molecular to Intercellular Scales	\$8,000

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2016	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$397,058
2016	BROWN UNIVERSITY	RI	R01AI108441	Optimizing HIV Treatment Monitoring under Resource Constraints	\$708,750
2016	BROWN UNIVERSITY	RI	R01AI122217	Regulation of MCMV Persistence by Natural Killer Cells	\$406,250
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124469	2016 Chemotactic Cytokines Gordon Research Conference & Gordon Research Seminar	\$10,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI124455	2016 NOX Family NADPH Oxidases Gordon Research Conference & Gordon Research Seminar	\$10,000
2016	GORDON RESEARCH CONFERENCES	RI	R13AI122053	2016 New Antibacterial Discovery and Development Gordon Research Conference and Gordon Research Seminar	\$7,000
2016	BROWN UNIVERSITY	RI	R01AI112953	The role of polo-like kinase in the duplication of the trypanosome cytoskeleton	\$400,998
2016	RHODE ISLAND HOSPITAL	RI	K24AI112964	Optimizing interventions to mitigate schistosomiasis-related morbidity among pregnant women and children	\$160,391
2016	CLEMSON UNIVERSITY	SC	R21AI108287	Translational Control of Encystation in the Entamoebae	\$188,481
2016	NUBAD LLC	SC	R41AI120303	Screening the Ribosome for New Target Sites	\$325,000
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI123803	Impact of envelope proteins on poxviral pathogenesis	\$186,875
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$368,750
2016	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI120987	Metallopolymer and Antibiotic Bioconjugates against Multidrug Resistant Bacteria	\$361,600
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI021758	Vaccinia DNA Replication	\$373,750
2016	NUBAD LLC	SC	R43AI118110	Development of Aminoglycoside-Nucleic Acid Conjugates for Inactivation of an Antibiotic Resistance-Confering Aminoglycoside Sensing Riboswitch	\$211,967
2016	NUBAD LLC	SC	R41AI126874	Aminoglycosides with reduced ototoxicity	\$300,000
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K08AI121348	Elucidating Mechanisms of Treatment Relapse for Interferon-Free HCV Therapy	\$184,637
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI107123	Biogenesis of the Poxvirus Membrane	\$373,750
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	K23AI125607	Asymptomatic Colonization and Transmission of Clostridium difficile in Solid Organ Transplant Patients	\$172,962
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	U01AI125859	Extrinsic and intrinsic factors regulating commensal-specific T helper-17 cells	\$523,250
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R21AI115056	Interplay between cellular bioenergetics and vaccinia virus infection	\$186,875
2016	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI118305	MicroRNA Regulates Graft-versus-Host Disease	\$373,750

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2016	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI122919	Mechanisms of the effect of HIV disclosure on clinical outcomes: A longitudinal study	\$205,388
2016	SAB BIOTHERAPEUTICS, INC.	SD	R44AI117976	Production of therapeutic human polyclonal antibodies against influenza viruses	\$756,080
2016	UNIVERSITY OF SOUTH DAKOTA	SD	R01AI114670	SNAREs and the biogenesis of the chlamydial inclusion membrane	\$270,725
2016	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI115087	Immunotherapeutic Intervention of Influenza-S. pyogenes coinfections	\$183,750
2016	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Technologies	\$362,500
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$394,304
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	\$473,262
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,827,104
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$126,144
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI107052	Two-component system interactions as uropathogenic Escherichia coli drug targets	\$253,593
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI113107	Host-pathogen interactions during osteomyelitis	\$172,098
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$496,974
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI126662	Regulation of HemA, the initial enzyme in Staphylococcus aureus heme biosynthesis	\$28,241
2016	MEHARRY MEDICAL COLLEGE	TN	R56AI122960	Role of the Viral Capsid in HIV-1 Integration.	\$376,325
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI125324	Quantifying and Validating Immune Response Dynamics for Influenza and Viral-Bacterial Pneumonias	\$453,747
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$445,000
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$301,911
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$82,981
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$1,504,226
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI115419	Characterization of CD8a cells as a novel immune population of the intestines	\$38,974
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$281,653
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$42,592
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	T32AI106700	Training in the Design and Development of Infectious Disease Therapeutics	\$181,122
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118887	Reovirus Attachment Mechanisms	\$503,179

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2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI119224	High Throughput Identification of Treg Activating Molecules	\$194,600
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121420	The role of ovarian hormones on allergen-mediated innate immune airway responses	\$52,988
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$792,758
2016	MEMPHIS STATE UNIVERSITY	TN	R01AI121226	Does epigenetic methylation explain the gender-switch in adolescent asthma?	\$600,986
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$140,727
2016	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$95,944
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$297,050
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$346,815
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$394,478
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI119596	Effect of mosquito larval infection on adult life history traits	\$196,130
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$670,207
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$115,669
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$455,432
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$37,994
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$437,500
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI112324	Understanding the molecular mechanisms of H. pylori VacA pore-formation	\$28,235
2016	UNIVERSITY OF TENNESSEE	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$454,268
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI099080	Molecular and chemical validation of the vacuole as a new antifungal target	\$375,123
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R03AI113858	Hospital Admissions & Emergency Room Visits in Adults Associated with Influenza C	\$17,524
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$234,811
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	K22AI110541	A novel role for the inflammasome in the immunopathogenesis of Candida vaginitis	\$159,840
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI113960	Molecular Characterization of an Anopheline Ammonium Transporter	\$235,380
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI127129	Molecular analysis of the adaptive immune response to tuberculosis	\$234,100
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI117905	Structure based design of antibodies and vaccines	\$2,431,508

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2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$337,500
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$173,919
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI032539	Cell Biology of Reovirus Infection	\$465,154
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI115419	Characterization of CD8a cells as a novel immune population of the intestines	\$158,278
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI122516	Defining the molecular link between zinc deficiency and pneumonia	\$54,294
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$193,389
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$172,097
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI119796	Expansion of spectrum of activity of pleuromutilin for MDR Gram-negative bacteria	\$190,000
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114728	Immunological mechanisms of protection against divergent influenza A strains	\$446,000
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$0
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI121832	A protective role for gamma delta T cells in respiratory infection	\$458,353
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$732,330
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R56AI118361	Fluoroquinolones and Efflux-Mediated Cross Resistance in HIV-related TB	\$695,946
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI120790	Predictors of treatment toxicity, failure, and relapse in HIV-related tuberculosis	\$723,724
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI125135	Comparison of High vs. Standard Dose Flu Vaccine in Pediatric Stem Cell Transplant Recipients	\$1,711,635
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,697,239
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$379,946
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$218,283
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI120553	The impact of dietary metals on the gut microbiome and Clostridium difficile infection	\$56,118
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI114262	The Role of Group 2 Innate Lymphoid Cells in RSV-Induced Airway Dysfunction	\$29,889
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$356,764

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2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI114339	A Competition Binding Assay for Identifying Novel HIV-1 Capsid Ligands	\$355,500
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$2,376,222
2016	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R03AI112861	Development of high-throughput methods to screen antimicrobial peptoids	\$65,000
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$281,172
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI118932	Type IV protein secretion in Helicobacter pylori	\$562,733
2016	UNIVERSITY OF TENNESSEE	TN	R13AI124621	X International Conference on Hemorrhagic Fever With Renal Syndrome(HFRS), Hantavirus Pulmonary Syndrome (HPS) and Hantaviruses	\$5,000
2016	UNIVERSITY OF TENNESSEE	TN	R21AI119462	Enterobactin-mediated iron acquisition for Campylobacter infection	\$198,224
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121799	Structural Determinants of Human Antibodies neutralizing the Ebola Virus	\$196,130
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	\$30,197
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Activation-Induced Cell Death in T Cells	\$437,500
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$14,873
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI122516	Defining the molecular link between zinc deficiency and pneumonia	\$0
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$395,433
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$437,500
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$437,500
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$146,414
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	\$85,014
2016	IMMUNO TECHNOLOGIES, INC.	TN	R44AI096551	Lab on a chip point of care assay for the rapid serodiagnosis of Lyme disease	\$1,000,000
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110578	Developing therapeutics to treat chronic infections	\$758,554
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$423,960
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$157,289
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121420	The role of ovarian hormones on allergen-mediated innate immune airway responses	\$159,975
2016	UNIVERSITY OF TENNESSEE	TN	R01AI116571	Membrane alterations and daptomycin tolerance	\$351,512

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2016	MEHARRY MEDICAL COLLEGE	TN	R01AI125662	Structure and function of the Trypanosome TIM complex	\$356,925
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121549	The Contribution of B Lymphocyte to T1D Reversal by Imatinib	\$237,000
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$395,000
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$437,500
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$358,200
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$160,805
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,224,853
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$193,805
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$129,506
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI107052	Two-component system interactions as uropathogenic Escherichia coli drug targets	\$139,828
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminoglycosides for Biodefense	\$691,963
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$548,803
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108778	CopN mechanism as a key to understanding Type Three Secretion in bacteria	\$392,124
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI113858	Hospital Admissions & Emergency Room Visits in Adults Associated with Influenza C	\$61,087
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI116808	Group A Streptococcal Vaccine Containing Immunogenic Peptides of Streptolysin S	\$189,000
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$236,709
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI120875	The dynamics of HIV, aging, and T lymphocyte exhaustion	\$160,169
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R24AI124872	Harmonist: A Scalable Toolkit for Standardizing and Coordinating Data Sharing Across International Research Networks	\$0
2016	UNIVERSITY OF TENNESSEE	TN	R13AI126819	2016 Apicomplexon Genome Analysis Workshop	\$6,000
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI126101	Beyond model development: murine astrovirus endogenous pathogens of laboratory mice	\$89,687
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI123348	Chikungunya Virus Replication and Pathogenesis	\$0
2016	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI117632	Characterization of hormonal influences on Chlamydia development	\$444,000
2016	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI114748	Gender difference in miRNA-mediated T cell aging during viral infection	\$365,000
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$14,528

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2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$458,723
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$47,166
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$0
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI104352	Tuberculosis Risk and Highly Active Antiretroviral Therapy Initiation	\$135,257
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$662,618
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$164,356
2016	IQUITY LABS, INC.	TN	R43AI124766	Long non-coding RNA signatures to classify multiple sclerosis	\$159,825
2016	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI124346	The Non-Inflammasome NLRs in Immunity and Host defense	\$447,500
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R13AI124613	ANAEROBE 2016: The 13th Biennial Congress of the Anaerobe Society of the Americas (ASA)	\$10,000
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI121626	Engineered Nanoparticles for Protective Subunit Vaccine Delivery and Discovery	\$228,736
2016	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI121796	Prostaglandins as protective mediators in Clostridium difficile infection	\$237,000
2016	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$506,532
2016	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$0
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$408,066
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$373,650
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115231	Riboregulation in Pathogenic Rickettsiae	\$193,750
2016	TEXAS TECH UNIVERSITY	TX	R21AI119782	Discovery of New Anti-amoeba Therapeutics	\$238,147
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	\$598,306
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	\$429,050
2016	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethal Effects of Radiation Exposure	\$1,000,000
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$509,429
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$462,478

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2016	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	\$162,904
2016	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI111120	Viral nanoparticles as ultrasensitive reporters in lateral-flow assays	\$225,750
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114523	Long noncoding RNAs and their contribution to 22q11.2 deletion syndrome	\$431,520
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117341	Pan-Fungal Essential Gene Discovery for Antifungal Targeting	\$190,625
2016	UNIVERSITY OF TEXAS AT DALLAS	TX	R01AI116610	Genome defense and acquired antibiotic resistance in Enterococcus faecalis and Enterococcus faecium	\$382,500
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI114762	Enhancement of protective efficacy of Coccidioides vaccines by adjuvants	\$191,815
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$366,879
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107380	Population Genetic Structure of Ixodes scapularis and disease transmission	\$169,194
2016	RICE UNIVERSITY	TX	K22AI110552	Mechanisms of Stimulating Innate Immunity	\$108,000
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI118228	Targeted-delivery of small interference RNA against anthrax (1 R21 AI118228-01A1)	\$286,292
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121522	Defined microbial communities for the treatment of recurrent C. difficile infection	\$237,827
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114335	Mechanisms of Action of Novel HIV Rev Co-factors	\$198,125
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI105712	Chlamydia Vaccine---Global search for chlamydial T cell antigens in HLA-DR4 transgenic mice	\$234,399
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123672	The role of small non-coding RNA in borrelial pathogenesis	\$233,573
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI120989	GENETIC, IMMUNOLOGIC AND MECHANISTIC BASIS OF HUMAN NK CELL DEFICIENCY	\$726,302
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124452	Bacterial delivery of RNAi and CRISPRs for modulation of mosquito transcription	\$232,500
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI123221	Molecular Regulation of Long-term Immune Memory	\$396,250
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI121807	Conserved RNA Secondary Structures in three Betacoronaviruses: MHV, BCoV, and MERS-CoV	\$199,375
2016	SANO CHEMICALS, INC.	TX	R41AI122441	Optimization of the Production and Isolation of the Novel Antifungal Occidiofungin	\$295,381
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126275	Development of a rapid method to silence genes in Cryptosporidium	\$232,500
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI117714	The Contribution of MicroRNA-182 in Genital Chlamydia trachomatis Infection	\$73,500
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI110577	Dynamics of Hepatis C viral RNA-dependent RNA replication	\$450,062
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119873	Ixodes scapularis and Amblyomma americanum tick cement proteome	\$235,583

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2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$295,022
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI124172	Rab7 and NF-kappaB in B cell activation and dysregulation	\$225,338
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI121037	The Biology of Stem Cells in the Human Parasite Schistosoma Mansoni	\$404,271
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI119554	Development of novel chemical series of Candida albicans biofilm inhibitors	\$367,500
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$407,041
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$505,172
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$430,812
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$80,761
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$361,568
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$381,345
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$373,170
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI120696	Improved Zinc Finger Nuclease Delivery for HIV Gene Therapy	\$76,500
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113128	Development of a Tick Transmission Model for Heartland Virus Pathogenesis	\$193,750
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI117220	Clostridium difficile Immunity: Role of IGA and GALT	\$198,125
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI116030	Eastern Equine Encephalitis Emergence in Panama	\$192,764
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI119572	CRASP-mediated Serum Resistance by Borrelia burgdorferi	\$200,888
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI122418	An epigenomic approach to reactivate latent HIV	\$213,975
2016	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123650	Trypanosoma cruzi testing of Triatoma vectors in a likely endemic area of Southeast Texas	\$79,479
2016	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI126215	Hematin crystallization in Plasmodium parasites	\$202,781
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI115577	Mechanisms and Public Health Impact of Sylvatic Dengue Virus Emergence in Borneo	\$622,368
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126343	T-Cell Quality and Protective Immunity in a Murine Scrub Typhus Model	\$232,500
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI126025	Broadly neutralizing non-antibody protein for treating clostridium difficile infection	\$199,400
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126051	PIK3IP1 in B Cell Development and Function	\$242,875

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2016	PARATUS DIAGNOSTICS	TX	R41AI126965	A sample-to-answer diagnostic cartridge that identifies influenza using a glucometer	\$137,689
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121989	Chlamydial plasmid-dependent pathogenesis	\$477,786
2016	LYNNTECH, INC	TX	R43AI126957	A Non Toxic solution to develop next generation of insecticidal bed nets	\$231,117
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI110941	Single Cell Genomics for Malaria Parasites	\$457,500
2016	TEXAS ENGINEERING EXPERIMENT STATION	TX	R01AI110642	Modeling and Analysis of the Role of Microbiota Metabolites in T-Cell Differentiation	\$395,320
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$480,272
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$515,587
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI116722	Negative regulation of C-type lectin receptor signaling in response to fungal infection	\$400,000
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$420,757
2016	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$317,025
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K23AI117024	PREDICTORS OF RESPONSE TO BRONCHIAL THERMOPLASTY IN SEVERE ASTHMA	\$153,576
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$393,250
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$0
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$397,500
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$11,500,000
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	\$598,459
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$391,250
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$382,500
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	\$397,500
2016	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$355,553
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI104960	Application of Imaging to Development of Tuberculosis Interventions	\$371,800
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on Customized Nanotrap	\$398,750
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI117862	Trans-complementing papilloma virus for AIDS vaccine	\$776,478
2016	OMM SCIENTIFIC INC	TX	R41AI115897	Development of a Broad Spectrum Antiviral for Ebola and Marburg viral Infections	\$110,265

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2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117615	Immunization with a Novel Single Cycle Flavivirus Particle Vector and Antigenic Peptide Nanofibers as a Prime-boost Vaccine Strategy against HSV-2	\$193,750
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109904	A high throughput discovery platform captures mosquito-specific toxins	\$186,916
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI119775	Development of a safe and valid surrogate to study Lassa virus	\$192,850
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$371,557
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117483	Novel Therapeutic Target(s) for Pathogenic Rickettsia Species	\$232,500
2016	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI124021	Thioredoxin mediated Acinetobacter baumannii colonization in the GI tract	\$183,750
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI124063	Manipulation of host complement by Clostridium difficile spores - an immune evasion strategy.	\$185,625
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI123679	Consequences of Transstadial Transmission on Tick-borne Virus Genetic Diversity	\$232,500
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI119437	Rrp2, an atypical bacterial enhancer binding protein in Borrelia burgdorferi	\$242,625
2016	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI124803	Identifying host factors essential for HIV latency maintenance	\$191,250
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	F31AI122725	Mechanism of Candida albicans biofilm inhibition by a bacterial secreted factor	\$30,556
2016	RICE UNIVERSITY	TX	R01AI122356	The infection mechanism of the nematode virus Orsay	\$378,444
2016	LUMINOSTICS, INC.	TX	R43AI118180	A smartphone-based point-of-care test for detection of Chlamydia trachomatis	\$218,522
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116167	Bifunctional Chimeric Antigen Receptors for clearing HIV	\$264,750
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI121545	Bacteriophage to treat UTI caused by multidrug-resistant P. aeruginosa	\$217,938
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI122720	Regulation and Consequences of Ets1 Downregulation in B Cells	\$539,236
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular mechanisms regulating TLR signaling and inflammation	\$400,000
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI116812	tRNA-derived RNA Fragments (tRFs) and their Functions in Respiratory Syncytial Virus (RSV) Infection	\$387,500
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121012	Epac1 Plays a Critical Role in Bacterial Adhesion during Rickettsioses	\$387,500
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI109294	Regulation and function of nonlymphoid organ CD103 dendritic cells	\$400,000
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$118,674

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2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI121452	Trajectory of Vector-adaptive Chikungunya Virus Evolution	\$469,207
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$256,437
2016	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$577,174
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$363,750
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116644	MOLECULAR REGULATION OF IMMUNITY TO VIRAL INFECTIONS	\$396,250
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$775,917
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$487,018
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$757,541
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI112851	Mechanism and Evolution of Filoviral Monoclonal Affinity Reagent Sandwich Assays	\$476,871
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	Ehrlichia T1S Effector Regulation of Host Gene Transcription	\$383,651
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119710	Developing Therapeutics against Giardia and Other Anaerobic Protozoa by Targeting Parasite Fatty Acyl-CoA Synthetase (ACS)	\$198,996
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI102267	Bioavailable proteasome inhibitors as broad-spectrum antivirals	\$415,893
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115362	Signal Transduction Pathways for Flagellar Gene Expression in Polar Flagellates	\$202,396
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI119821	Collagen binding as a virulence mechanism in Lyme borreliosis	\$182,044
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI116914	Targeting the Toxins: A Novel Non-Antimicrobial Approach to Combat Clostridium difficile infections	\$385,000
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$456,020
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI117442	Lactobacillus reuteri treatment for Treg-deficiency Autoimmune Disease	\$82,923
2016	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI120257	T-regs mediated immune responses in LTBI HIV positive individuals	\$169,676
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$474,777
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126144	Wnt signaling during Ehrlichia infection	\$229,200
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI126109	Innate Immune Activation by Respiratory Syncytial Virus	\$242,813
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI125581	Automated Forward Genetic Analysis of Adaptive Immunity	\$1,613,169

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F31AI124662	Hijacking of the Early Endosomal Pathway by novel tick-borne bunyavirus	\$31,643
2016	ATRAPOS THERAPEUTICS, LLC	TX	R41AI125007	STAT Inhibitors for Asthma Therapy	\$227,537
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R33AI116208	Adipose Tissue is a significant reservoir for HIV	\$496,726
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI118756	Newly Identified mechanisms of Ceftaroline Resistance in MRSA Clinical Strains	\$683,638
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	\$568,945
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123965	Defining the molecular mechanisms of MacAB in protection of Salmonella from oxidative stress	\$222,750
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI123753	The splicing factor SF3b1 is a master regulator of the innate immune response to Mycobacterium tuberculosis	\$222,750
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI124769	HIV-1-Specific CTL Exhaustion at Immune Synapse	\$250,531
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI122932	Quantification of Circulating Antigens for Pediatric TB Diagnosis and Treatment Monitoring	\$400,757
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$147,317
2016	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$362,322
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI122753	Systematic evaluation of B. pertussis ACT's role as a protective antigen	\$390,565
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$619,093
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	The flavin-centric metabolic lifestyle of Treponema pallidum	\$584,225
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases	\$2,243,704
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$432,358
2016	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$100,658
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$666,817
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$617,756
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	K01AI125830	Integrative Modeling of study design and transmission dynamics to infer epidemic drivers and inform decision-making: Applications to HIV and other emerging pathogens	\$132,300
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$1,256,218
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI112015	Development of novel quantitative methods for in vivo assessment of mucosal irrit	\$603,483

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2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI120012	STAT1: New regulator of inflammatory Th17 and Th2 cells	\$240,000
2016	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$1,033,439
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117368	Dysregulated type-1 and Vascular Responses in Scrub typhus Pathogenesis	\$193,750
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113771	Functional Portraits of tRNA-derived Small Non-coding RNAs	\$193,750
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117299	Evolution of the Morphology-Virulence Relationship in Candida Species	\$189,380
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI121519	Targeting Cell Membrane Adaptation in Multidrug-Resistant Enterococcus faecium	\$118,860
2016	BAYLOR COLLEGE OF MEDICINE	TX	R03AI126100	Seroprevalence and Transmission Sources of Trypanosoma cruzi among South Texas residents.	\$79,250
2016	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI107415	Design of Point of Care Device for the Rapid Diagnosis of Pertussis	\$185,690
2016	BAYLOR COLLEGE OF MEDICINE	TX	R56AI124788	Shaping Natural Killer repertoires and HIV responsiveness via antigen exposure	\$737,748
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI125512	TRIM proteins polarize DNA sensing outcomes during the innate immune response to Mycobacterium tuberculosis	\$371,250
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI125545	Sympathetic neural control of T cell function	\$392,972
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$444,015
2016	UNIVERSITY OF TEXAS RIO GRANDE VALLEY (UTRGV), THE	TX	R01AI119131	Impact of disease associated noncoding polymorphisms on post-transcriptional gene regulation	\$376,452
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114511	Tryptophan derivatives in EHEC pathogenesis	\$457,451
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$380,000
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI121367	Redox regulation of thymus function and age-associated dysfunction	\$414,602
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI126371	Retinoic Acid Regulates S100 Proteins and Immune Responses in Viral Hepatitis	\$232,500
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI124681	Chemokine Synergy and Neutrophil Function	\$232,500
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI125939	Human airway microfold cells in mucosal immunity to bacterial pathogens	\$456,382
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI109096	Molecular mechanism of virulence regulation in Streptococcus pyogenes	\$398,750
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$346,500

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$488,729
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$466,090
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$404,584
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$92,686
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$346,500
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123163	Candida Albicans Gastrointestinal Colonization and Dissemination	\$405,000
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI109465	Targeting Heme Transporters for Improved Vaccines against Anthrax	\$198,125
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$131,490
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$384,139
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI106200	Control of Treg exhaustion by OX40	\$393,750
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	\$387,500
2016	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI116567	Role of Cholesterol Metabolism in Pathogenesis of Mycobacterium Tuberculosis	\$339,750
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	\$360,587
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI098724	Novel gene-silencing therapeutics for multidrug-resistant gram-negative pathogens	\$359,681
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$740,494
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114877	Prevalence of Chagas in Patients with Dilated Cardiomyopathy	\$198,125
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F32AI114182	Structure-function analyses of bacterial Type IV secretion system subassemblies	\$58,002
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI107784	Induction, maintenance, and function of genital tract-resident CD8+ T cells	\$387,500
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117445	Development of Safer, Live Attenuated Rift Valley Fever Vaccines	\$193,750
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI120027	Role of Grail in maintaining humoral immune tolerance	\$80,000
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI120900	Functional impact of long non-coding RNA expression on HIV control	\$233,750
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$395,731

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$595,447
2016	GENOMICS USA INC	TX	R44AI122642	sHLA Protein Chip	\$1,281,226
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI126354	The Role of FimH in ExPEC Translocation	\$237,750
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI112647	Seroprevalence and Risk of Chagas Disease in Texas Hunters	\$237,750
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI110358	Mechanisms of HCV Assembly	\$387,500
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	\$190,625
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI116222	Novel small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$484,884
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$443,983
2016	BAYLOR COLLEGE OF MEDICINE	TX	R21AI124866	Role of NEAT1 lncRNA in HIV replication	\$237,750
2016	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$358,197
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$1,528,891
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$371,669
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$449,003
2016	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$312,792
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$438,077
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI110101	Functional similarity of PRD-containing virulence regulators in B. anthracis	\$29,906
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI109711	Advancement of Treatments for Ebola and Marburg Virus Infections	\$5,485,257
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113407	Next Generation sequencing of yellow fever 17D vaccine virus	\$232,500
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI118051	Mycoplasma pneumoniae CARDS toxin mediated ADP-ribosylation of NLRP3 inflammasome	\$189,688
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI114927	Genetics of bacteria-mediated viral co-infection	\$202,240
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115286	Hijacking of cellular pathways by novel tick-borne phlebovirus	\$192,628
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI114961	Characterization of LiaR from multidrug-resistant E. faecium	\$193,230
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI118586	Functional cure and virus eradication by early HAART plus vaccination with live attenuated rubella virus vectors in macaque infants and neonates	\$1,255,405
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI121685	Phage depolymerases as antibiotics	\$192,975

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2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115302	Self-assembling Peptide Nanomaterials for Eliciting Mucosal CD8+ T cell Immunity	\$227,550
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$476,263
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI121458	Generating a model system to elucidate in vivo functions of soluble IL-15 complexes	\$80,000
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI126219	MADS-box transcriptional regulation of dimorphic transition in Penicillium marneffeii	\$216,312
2016	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI125362	IMPDH inhibitors for the treatment of Cryptosporidium infections	\$802,966
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI126722	The role of the human gut microbiota in modulating virulence of Enterohemorrhagic E. coli	\$54,294
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115420	Role of microenvironmental cues in CD8 T cell activation and memory generation	\$202,240
2016	RICE UNIVERSITY	TX	R21AI115014	Dynamical interrogation of the Bacillus subtilis sporulation network using an engineered light-switchable promoter system	\$186,562
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI124675	The role of ATO function in fungal pathogenesis	\$192,500
2016	TEXAS TECH UNIVERSITY	TX	R01AI121322	Microneedles for allergy immunotherapy	\$353,641
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI121689	Development of therapeutic bacteriophages against carbapenemase-resistant Klebsiella pneumoniae	\$234,034
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Transcriptional regulatory mechanisms shaping HIV proviral fate	\$395,449
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI125397	Uracil DNA Glycosylases in Gammaherpesvirus Pathogenesis and B Cell Development	\$500,503
2016	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI127178	Monocyte subpopulation in HIV+LTB+ individuals and development of active TB	\$220,014
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI121403	Modeling ICF syndrome in mice: Role of Zbtb24 in DNA methylation and antibody production	\$400,000
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI112477	Reducing Readmissions and Improving Outcomes in HIV-Infected Patients	\$173,556
2016	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI125337	A High-Throughput Molecular Platform for Antimicrobial Discovery and Study	\$417,235
2016	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI121147	Balance of Thymic Negative Selection vs. Treg Cell Generation in the Elderly	\$353,500
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$4,095,518
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$391,250
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$344,250
2016	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,795,077

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2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,627,681
2016	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI115451	Synthetic neoglycopeptides as Chagas disease vaccine	\$223,770
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$32,791
2016	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$505,406
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$342,305
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$1,165,855
2016	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	\$188,955
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI123434	Genetic Basis of Praziquantel Resistance	\$706,741
2016	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	\$261,821
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K08AI113317	Daptomycin Resistance in Enterococcus faecium	\$149,418
2016	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$392,000
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI114657	New Paradigm for Host and Viral Gene Regulation by MERS Coronavirus nsp1	\$434,071
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$404,271
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI113508	The Twort-like bacteriophages of Staphylococcus aureus: paradigm phages for novel therapeutics	\$185,625
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115225	A novel field-applicable molecular test for visceral leishmaniasis	\$184,722
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI114424	Recombinant Papillomavirus-based HIV Vaccine Targeting Genital Mucosa	\$231,250
2016	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI115082	Novel broad spectrum inhibitors of filovirus infection	\$231,250
2016	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115175	The genetics of behavioral resistance in Anopheles gambiae (M)	\$181,274
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI121604	Therapeutic Potential of Cystatin 9 Treatment to Fight Bacterial Pneumonia	\$230,963
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R24AI120942	World Reference Center for Emerging Viruses and Arboviruses (WRCEVA)	\$769,497
2016	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI123165	Mechanisms of KSHV posttranscriptional gene regulation	\$404,375
2016	BAYLOR COLLEGE OF MEDICINE	TX	R56AI032956	Beta Lactamase Mutations in Antibiotic Resistance	\$394,261
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI118736	Regulation of cell cycle transition by a cyclin-dependent kinase in trypanosomes	\$385,000

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2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI125701	Mechanistic study of TGF-beta-dependent control of gut-resident memory T cells	\$375,738
2016	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117121	Role of host cell invasion in Mycoplasma genitalium persistent infection	\$228,750
2016	BAYLOR COLLEGE OF MEDICINE	TX	U01AI124290	Decoding Antibiotic-induced Susceptibility to Clostridium difficile Infection	\$1,500,000
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115449	Ehrlichia modulation of polycomb group-dependent epigenetic regulation	\$190,384
2016	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	F32AI120589	Mycobacterium tuberculosis dissemination and extrapulmonary spread	\$62,010
2016	BAYLOR COLLEGE OF MEDICINE	TX	R03AI123652	Understanding the ecology of tick-borne relapsing fever spirochetes in Panama	\$79,388
2016	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K24AI121296	POR Program on Genomic Prediction of Antimicrobial Resistance in VRE	\$170,305
2016	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinases.	\$400,000
2016	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI120749	A novel nanochannel system for sustained delivery of Tenofovir Alafenamide Fumarate and Emtricitabine for HIV pre-exposure prophylaxis	\$819,857
2016	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI126601	Glycoconjugate Nanoparticle Vaccines Against Burkholderia Infections	\$387,500
2016	UNIVERSITY OF UTAH	UT	R01AI111495	Surface-enhanced Raman Spectroscopy Immunoassay for Detection of Category A Patho	\$648,901
2016	UNIVERSITY OF UTAH	UT	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$137,160
2016	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$372,500
2016	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$372,500
2016	UNIVERSITY OF UTAH	UT	R21AI122377	Preclinical Development of Ingenol and HDACi Toward HIV Eradication	\$223,500
2016	UNIVERSITY OF UTAH	UT	R21AI114462	Role of Zfp318 in the functional development of B cells	\$186,250
2016	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI117035	FilmArray Direct: Rapid Diagnosis of Antimicrobial-Resistant Pathogens from Blood	\$1,265,369
2016	UNIVERSITY OF UTAH	UT	R21AI123035	CRISPR/Cas9 technology toward understanding HIV latency in primary cells	\$226,500
2016	UNIVERSITY OF UTAH	UT	R21AI124823	Discovery and Characterization of Latency-Reversing Compounds	\$226,563
2016	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$506,450
2016	UNIVERSITY OF UTAH	UT	K22AI116803	T follicular helper memory cells	\$162,000
2016	NAVIGEN INC	UT	R43AI120414	Highly specific anti-toxin therapies for severe bacterial gut infections	\$297,401
2016	NAVIGEN INC	UT	R56AI127092	Depot formulation of a D-peptide HIV entry inhibitor	\$495,808
2016	CARTERRA INC	UT	R44AI127039	Improving vaccine development through high-throughput immunogenicity screening.	\$751,913

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF UTAH	UT	K08AI116909	Noncanonical NFkB Pathway-Mediated Mechanisms of Common Variable Immunodeficiency	\$187,164
2016	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$1,069,803
2016	CURZA GLOBAL LLC	UT	R43AI124821	Natural product-inspired antibacterials with unique ribosomal binding	\$300,000
2016	UNIVERSITY OF UTAH	UT	R01AI124722	Developing Pathogen Recognition Receptor Agonists as Latency Reversing Agents	\$377,500
2016	GLYCOMIRA LLC	UT	R43AI126987	A Novel Glycosaminoglycan-Based Therapeutic for Chronic Rhinosinusitis	\$297,614
2016	NAVIGEN INC	UT	R44AI098197	Preclinical development of a potent D-peptide RSV inhibitor	\$992,263
2016	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$372,500
2016	NAVIGEN INC	UT	R44AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$1,000,000
2016	UTAH STATE UNIVERSITY	UT	R33AI101483	Targeting induction of calcium buffer proteins for treatment of viral encephaliti	\$522,224
2016	UNIVERSITY OF UTAH	UT	R33AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$380,449
2016	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$304,615
2016	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$361,164
2016	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	\$326,844
2016	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$697,759
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$392,100
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI117626	Adipokines in Pulmonary Viral Infection	\$197,500
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI118269	Genetic basis of secondary lymphoid organ protection after virus infection	\$195,979
2016	GEORGE MASON UNIVERSITY	VA	R21AI117425	Microparticles for Directing Immune Cell Trafficking	\$228,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI118732	Ethanolamine Signaling in Virulence Gene Regulation and Host/Microbial Interactions	\$388,915
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI115152	Structure of cytomegalovirus nuclease, UL98	\$76,250
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$394,513
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$673,914
2016	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K22AI118929	The Role of the Stringent Response in Clostridium difficile Survival and Virulence	\$162,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	JERICO SCIENCES LLC	VA	R43AI120841	Standardizable Whole Blood Culture for Evaluating HIV Eradication Strategies	\$416,402
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K22AI116727	Identification of the non-proteolytic mechanism of NLRP1 activation	\$162,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124622	Host-directed Therapeutics for Amebiasis	\$237,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$878,086
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$373,750
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$128,558
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	\$36,408
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI117397	Neutrophils and adaptive immunity against invasive aspergillosis	\$237,000
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI115012	Determining the molecular mechanism of anthelmintic resistance in hookworms	\$197,711
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI114776	Combinations of Approved Drugs to Combat Ebola Virus	\$489,928
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI117597	Effect of maternal immune factors in shaping the infant gut microbiota	\$80,500
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI123337	Clinical response to rhinovirus challenge in human asthmatics	\$699,779
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI123840	Modeling Staphylococcus aureus antagonism in pediatric nasal communities	\$250,753
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119418	Adenosine receptor-mediated effects of Clostridium difficile toxins in humans	\$237,000
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI123346	Defining the pathobiological roles of Orientia tsutsugamushi Ank proteins	\$367,600
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R13AI126727	Rickettsiales: Host-Vector-Pathogen Interactions	\$7,000
2016	GEORGE MASON UNIVERSITY	VA	R21AI127351	A radiation-induced cellular stress activates HIV and induces killing of infected cells	\$190,000
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$402,500
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$351,396
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI099097	Bacillus anthracis Targets Involved in Chemokine-Mediated Antimicrobial Activity	\$395,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$519,918
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$396,317

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2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$391,873
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI109984	Immune pathology and bone marrow transplant in disorders of Mecp2 overexpression	\$48,576
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI114734	Role of IL-23 in the Immunopathogenesis of C. difficile colitis	\$191,426
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$624,957
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI124502	Helminth induced B1 IgE is protective against allergic disease	\$54,294
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI124490	High-dimensional profiling of B cells in food allergy	\$241,888
2016	CHILDRENS SPECIALTY GROUP, PLLC	VA	R43AI120294	Peptide inhibition of complement-mediated hemolysis after xenotransfusion.	\$149,930
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI114471	Structural characterization of the Nef-calnexin complex	\$243,808
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI110675	Role of TGF-beta signaling in the Drosophila immune response against nematode-bacteria complexes	\$349,859
2016	GEORGE WASHINGTON UNIVERSITY	VA	K22AI114299	Replication cost to HIV-1 after escape from broadly neutralizing antibodies	\$158,000
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI121853	Improving the reference genome assembly for the dengue fever vector Aedes aegypti	\$235,775
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI119181	Role of the Pro-inflammatory MIF Homolog of Entamoeba histolytica in Colitis	\$178,222
2016	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$5,055,518
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI123338	Mechanism and application of male determination in aedine mosquitoes	\$614,015
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$532,977
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$382,598
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	\$433,496
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$394,389
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123433	Inhibition of MEP pathway Isoprenoid Biosynthesis	\$555,821
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI111189	Dissecting the role of fimbrial repertoire in Enteroaggregative Escherichia coli	\$197,500
2016	GATACA LLC	VA	R43AI122785	Development of a tool for the whole genome de novo assembly of hepatitis B virus (HBV) populations	\$243,155
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI119588	Allosteric regulation of a viral RNA-dependent RNA polymerase	\$201,250
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$396,250

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2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$395,000
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$374,950
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Elimination of HIV using HERV specific T cells	\$456,244
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$152,048
2016	HAMPTON UNIVERSITY	VA	R33AI102223	Host Vascular Mechanism for Therapeutic Protection against Select Pathogens	\$444,000
2016	PARABON NANOLABS INC	VA	R41AI118522	Optimizing Vaccines by Targeting Dendritic Cells with IFN α and IFN β Inducing Adjuvants	\$230,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119471	Persistence in an intracellular pathogen Francisella tularensis	\$237,000
2016	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI126617	BELIEVE: Bench to Bed Enhanced Lymphocyte Infusions to Engineer Viral Eradication	\$5,715,517
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$392,158
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$393,587
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$459,211
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$576,325
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$156,454
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$438,218
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI122743	MicroRNA regulation of Anopheles immunity to Plasmodium	\$681,921
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI110146	SHP 1 Regulates Conventional T cell Resistance to Regulatory T Cell Suppression	\$32,377
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI124214	Role of eosinophils in innate protection from C. difficile	\$590,275
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115986	Novel Innate Receptor for the Fungal PAMP chitin	\$192,955
2016	GEORGE WASHINGTON UNIVERSITY	VA	P30AI117970	District of Columbia Center for AIDS Research (DC CFAR)	\$2,136,768
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI114960	An Unanticipated Role of SAPS1 in IgE Production	\$197,500
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$395,000
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R13AI122681	11th International Symposium on Bordetella	\$5,000

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2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	U01AI125056	Hallmarks of Protective Immunity in Sequential Rhinovirus Infections in Humans	\$898,658
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$129,870
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F30AI112199	Neisseria gonorrhoeae TbpA functional analysis and inhibition	\$35,376
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI117654	E. coli ST131-H30 colonization: defining community and population level antagonism in the gastrointestinal microbiome	\$181,875
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F30AI114136	The Role of Lysosomes and Amoebapores in Amoebic Trophocytosis and Cell Killing	\$30,811
2016	CELETRIX LLC	VA	R41AI122510	development of immunodeficient rabbit models	\$186,180
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI121284	Guy1-conferred female lethality: mechanism and application for mosquito control	\$394,816
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI122014	Optimizing a novel approach to genetically manipulate obligate intracellular bact	\$228,750
2016	UNIVERSITY OF RICHMOND	VA	R15AI124105	Identifying and Characterizing Heme Tolerance Genes in the Tsetse Symbiont Sodalis glossinidius	\$439,550
2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI123002	The role of penile bacteria and inflammation in HIV susceptibility; Rakai, Uganda	\$737,812
2016	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115138	Identification and disruption of mosquito heme transporters	\$193,344
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI125433	ORMDL3-ceramide axis in allergic asthma	\$381,250
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$458,376
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$51,585
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$391,650
2016	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI112009	Novel long-acting microbicide and contraceptive intrauterine system	\$631,950
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K23AI114888	Quantitative molecular diagnostics for diarrhea etiology and vaccine efficacy	\$178,124
2016	GEORGE WASHINGTON UNIVERSITY	VA	R21AI122391	Engineered CTL with Inducible Ab Secretion; a Tripartite attack on HIV Reservoirs	\$262,500
2016	JAMES MADISON UNIVERSITY	VA	R15AI119797	Interleukin-3 expression and function in blood-stage malaria infection in mice	\$445,500
2016	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI119881	Tackling Malaria Resistance with an Integrated Modeling/Experimental Approach	\$232,043
2016	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI114926	Role of metal transport in Streptococcus sanguinis virulence and competitiveness	\$375,361
2016	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	\$773,590

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2016	GEORGE WASHINGTON UNIVERSITY	VA	R01AI125562	The dynamics of nasal bacterial ecology and S. aureus antagonism	\$775,125
2016	UNIVERSITY OF VERMONT	VT	R21AI117476	Reconstitution of the class XIV myosin glideosome from the malaria parasite	\$190,625
2016	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$399,475
2016	UNIVERSITY OF VERMONT	VT	R03AI117069	Developing Obese Mouse Models of Pseudomonas Aeruginosa Pneumonia	\$77,250
2016	UNIVERSITY OF VERMONT	VT	R21AI121528	Integration and epigenetic regulation of the HHV-6 genome	\$227,793
2016	UNIVERSITY OF VERMONT	VT	R34AI120917	A Phase I/II Trial of the Safety, Tolerability and Immunogenicity of a Live Attenuated Tetravalent Dengue Virus Vaccine in Adults in Dengue-Endemic Bangladesh	\$233,979
2016	UNIVERSITY OF VERMONT	VT	R03AI126268	Chagas disease transmission: Genomic studies of the kissing bug Triatoma infestans to enhance control strategies for a neglected tropical disease	\$77,229
2016	UNIVERSITY OF VERMONT	VT	R21AI119974	A host genetic locus that regulates susceptibility to influenza infection.	\$192,500
2016	UNIVERSITY OF VERMONT	VT	R21AI107298	Structure and Ligand(s) for Human Synovial TCR-Gamma/Delta	\$243,813
2016	UNIVERSITY OF VERMONT	VT	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$305,000
2016	UNIVERSITY OF VERMONT	VT	R56AI116255	IL-6 as a regulator of mitochondria function in T cells	\$386,041
2016	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$114,829
2016	UNIVERSITY OF VERMONT	VT	R01AI122232	Spore Assembly in Clostridium Difficile	\$382,316
2016	UNIVERSITY OF VERMONT	VT	R21AI115458	Erythroid cell modulation of T cell function	\$192,500
2016	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$274,500
2016	UNIVERSITY OF VERMONT	VT	R21AI121885	Molecular mechanisms of dense granule trafficking in Toxoplasma gondii	\$231,375
2016	UNIVERSITY OF VERMONT	VT	R21AI119979	Metabolic Regulation of Caspases and Survival in T Cells	\$192,969
2016	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	\$381,250
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$926,024
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$794,163
2016	UNIVERSITY OF WASHINGTON	WA	K01AI116298	Optimizing repeat HIV testing during pregnancy and postpartum for PMTCT	\$126,387
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$440,000

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2016	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$211,952
2016	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$137,638
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$30,221,723
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$714,724
2016	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	\$1,653,016
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$565,909
2016	UNIVERSITY OF WASHINGTON	WA	F30AI112385	Fc-Mediated Antibody Responses in HIV-1 Mother-to-Child Transmission	\$28,182
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$31,901,976
2016	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$983,076
2016	UNIVERSITY OF WASHINGTON	WA	R01AI110708	Rac: a critical regulator of the cytoskeleton and membrane trafficking in Giardia	\$386,250
2016	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K25AI119229	Elucidating phosphorylation signaling networks in infectious Plasmodium parasites	\$136,377
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115157	Inactivating Inhibitors of Mycobacterium tuberculosis beta-lactamase BlaC	\$188,750
2016	UNIVERSITY OF WASHINGTON	WA	R01AI118916	The Host Response to Hepatitis C Virus	\$513,411
2016	UNIVERSITY OF WASHINGTON	WA	K23AI120793	Impact of maternal HIV on Mycobacterium tuberculosis infection among peripartum women and their infants	\$171,164
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124693	Control of CD8+ T cell activation and differentiation by the signaling adaptor BCAP	\$531,292
2016	UNIVERSITY OF WASHINGTON	WA	R21AI127200	A Point-of-Care Assay to Measure Tenofovir for Monitoring PrEP and ART Adherence	\$192,591
2016	UNIVERSITY OF WASHINGTON	WA	F31AI126629	Genetically determined susceptibility to rotavirus and rotavirus vaccine failure in sub-Saharan Africa	\$42,828
2016	UNIVERSITY OF WASHINGTON	WA	R01AI125026	Role of proviral loci in HIV latency	\$915,358
2016	UNIVERSITY OF WASHINGTON	WA	K23AI120761	HIV, malnutrition, and food insecurity in Senegal: A longitudinal study to identify high impact interventions	\$172,767
2016	UNIVERSITY OF WASHINGTON	WA	R01AI044257	Role of B cell activating factor (BAFF) in B cell responses and autoimmunity	\$509,839
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI120714	Mucosal microbiome and vaccine responses in HIV-exposed African infants	\$464,580
2016	UNIVERSITY OF WASHINGTON	WA	R01AI123196	Innovative approaches to syphilis vaccine design	\$600,266
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$533,811
2016	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$298,644

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2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$458,447
2016	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$369,060
2016	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$489,067
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$480,737
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	\$437,105
2016	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$594,236
2016	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$346,673
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI108704	Study of Immune Avoidance During the Enzootic Cycle of the Lyme Disease Pathogen	\$255,421
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$453,349
2016	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$578,793
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$371,214
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$1,868,193
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI112619	Role of an ornithine rhamnolipid pigment in GBS virulence	\$491,246
2016	UNIVERSITY OF WASHINGTON	WA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$175,149
2016	UNIVERSITY OF WASHINGTON	WA	F32AI112101	Citrate and Metal Efflux by IceT	\$22,145
2016	UNIVERSITY OF WASHINGTON	WA	R01AI110743	Discovery and validation of new kinase drug targets in T. brucei	\$404,532
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$594,841
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$261,000
2016	UNIVERSITY OF WASHINGTON	WA	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	\$0
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119473	Tuberculosis case finding by oral swab PCR	\$164,063
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI115244	Regulation of Chlamydia trachomatis development via the stringent response	\$188,750
2016	PAI LIFE SCIENCES INC	WA	R44AI103983	A Vaccine for Schistosomiasis, "SchistoShield"	\$1,159,786
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117023	The role of Ser/Thr/Tyr phosphosignaling in the M. tuberculosis latency switch	\$491,291

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122991	Statistical methods for HIV-1 immune correlates studies	\$315,860
2016	UNIVERSITY OF WASHINGTON	WA	R21AI124399	Usability and Feasibility of a Phone-based Decision Support Tool for Option B+	\$219,089
2016	UNIVERSITY OF WASHINGTON	WA	R21AI115706	Asyctocytes, sleep and neuroinflammation	\$193,125
2016	UNIVERSITY OF WASHINGTON	WA	R21AI122361	Ex Vivo Detection and Analysis of Non-inducible Latent HIV	\$236,433
2016	KINETA INC	WA	R41AI122566	Therapeutic Potential of the Potassium Channel Inhibitor SHK-186 for Pediatric Lupus	\$224,977
2016	ORICULA THERAPEUTICS LLC	WA	R44AI122428	Novel therapeutic agent to prevent hearing loss during aminoglycoside therapy	\$946,196
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI124735	Role of Dock8 in EAE	\$289,350
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R33AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$539,534
2016	UNIVERSITY OF WASHINGTON	WA	R01AI124968	Impact of a novel screening program to detect acute and prevalent HIV infection and reduce HIV transmission	\$605,029
2016	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$665,435
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121129	Immunoprotective Properties of Tissue-resident Memory T Cells in Mice and Humans within Mucosal Sites	\$856,521
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$635,652
2016	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$440,887
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$654,252
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI112323	A FOXP3 complex that controls human regulatory T cell function	\$424,500
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	\$130,680
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	\$370,977
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI115194	Experimental Plasmodium falciparum crosses using human-liver chimeric mice	\$211,960
2016	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$490,033
2016	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$2,832,119
2016	UNIVERSITY OF WASHINGTON	WA	R01AI111341	Bumped Kinase Inhibitors: Novel Therapeutics for Cryptosporidiosis&Toxoplasmosis	\$1,193,904
2016	UNIVERSITY OF WASHINGTON	WA	K23AI113185	Characterizing Extragenital Gonorrhea and Chlamydia: Natural History & HIV Impact	\$175,500
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI107252	Anti-HBV therapeutics based on rare-cutting targeted endonucleases	\$228,715

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2016	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$389,875
2016	UNIVERSITY OF WASHINGTON	WA	R01AI127232	Combined phylogenetic and epidemiological analysis to identify HIV transmission sources in Seattle WA	\$517,700
2016	SPRINGSTAR INC	WA	R44AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$848,707
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI125356	Molecular and Cellular Dissection of Campylobacter Jejuni Effector Protein Function	\$392,559
2016	UNIVERSITY OF WASHINGTON	WA	R21AI125975	Point-of-care diagnosis of pulmonary TB from urine samples	\$270,375
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI122912	Identification and Analysis of HIV-specific Naive B cells in HIV-unexposed Individuals	\$555,064
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI117016	Regulation of Yersinia pestis flea-borne transmission	\$457,443
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI122978	Estimation of the Prevalence of Post Treatment Controllers of HIV-1 Infection Using Pooled Data from Independent Study Sites	\$285,317
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI121829	A new essential protein kinase in Mycobacterium tuberculosis	\$299,187
2016	UNIVERSITY OF WASHINGTON	WA	R01AI114630	Innate Immune Response to Hepatocyte Death	\$614,851
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI117234	Infection-blocking antibody targets for malaria	\$850,549
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI124220	IL-33 and food allergy	\$566,296
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$498,432
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$990,128
2016	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$3,476,634
2016	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$983,689
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$789,642
2016	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Mechanisms for sensing and responding to interbacterial antagonism	\$472,079
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$1,310,443
2016	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	\$502,908
2016	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$121,490
2016	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$2,468,421
2016	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	\$129,125
2016	UNIVERSITY OF WASHINGTON	WA	K08AI102921	Mechanisms to restrain social cheating from quorum sensing in Pseudomonas aerugin	\$175,792

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2016	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$481,876
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	\$452,972
2016	UNIVERSITY OF WASHINGTON	WA	R01AI111738	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$582,420
2016	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$776,559
2016	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$177,250
2016	WASHINGTON STATE UNIVERSITY	WA	R03AI113619	BLOCKING HSV INFECTION WITH BORTEZOMIB	\$75,500
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI113635	Regulation of CD8 T cell memory by autocrine IL-2	\$96,450
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111181	Parallel Microscopic Determination of Fitness (PMDf) to Assess Growth and Viability of Mycobacterium tuberculosis	\$236,250
2016	UNIVERSITY OF WASHINGTON	WA	R01AI116292	Systems and carcinogenic impact assessment of topical microbicides on human mucosa	\$724,828
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI115474	Pre-transplant vaccination against pulmonary viral infection	\$241,125
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI118500	Engineering T-cells with optimized anti-HIV chimeric antigen receptors and CCR5 disruption as a strategy to target HIV-infected cells	\$482,250
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI113325	BCAP/PI3K regulation of innate immunity to Listeria monocytogenes	\$435,000
2016	IDGENOMICS INC	WA	R42AI116114	Clonotyping Technology for Prediction of Antibiotic Resistance	\$999,967
2016	WASHINGTON STATE UNIVERSITY	WA	R01AI119159	Low pH-mediated HSV fusion and entry	\$448,938
2016	KINETA INC	WA	R44AI115824	Development of novel isoflavone drugs as broad spectrum antivirals	\$714,642
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI125907	Role of human cervical mucus plugs in ascending GBS infection	\$304,497
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI126464	Neural regulation of innate immunity to pathogen infection in C.elegans	\$239,677
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K99AI125136	Host Innate Immune Response as a Barrier to Cross-Species Retrovirus Transmission	\$97,038
2016	UNIVERSITY OF WASHINGTON	WA	F32AI124520	LGP2's Role in Controlling Innate Immunity	\$56,118
2016	UNIVERSITY OF WASHINGTON	WA	R01AI119675	Conformational dynamics of adhesive bonds	\$596,525
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114699	Innate immune responses to malaria liver stage infection	\$472,500
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI119133	Human Herpesvirus 6 in Lower Respiratory Tract Disease and Chromosomal Integration after Hematopoietic Cell Transplantation	\$174,397
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI125025	Effects of HIV infection on resident memory T cells	\$264,000

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2016	UNIVERSITY OF WASHINGTON	WA	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$886,454
2016	SCISCO GENETICS INC	WA	R44AI120617	An integrated genotyping approach for HLA and other genetic systems	\$725,994
2016	WASHINGTON STATE UNIVERSITY	WA	R03AI122059	ROLE OF HSV gK IN EPITHELIAL CELL ENTRY	\$75,500
2016	UNIVERSITY OF WASHINGTON	WA	R21AI122867	Association between schistosomiasis and HIV-1 acquisition, transmission and disease progression in Africa	\$270,375
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121242	TCR-like antibodies for HPV-induced cancer basic research and theranostics	\$442,253
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI124770	Immune responses to HSV-2 recurrence replenish HIV tissue reservoirs during ART	\$482,575
2016	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI114844	Viral and Host Biomarkers of Human Rhinovirus Disease Severity in Transplantation	\$172,355
2016	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$428,431
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$540,947
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$14,697,164
2016	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	\$435,000
2016	UNIVERSITY OF WASHINGTON	WA	F31AI120505	BCAP regulation of TLR-induced IFN α in plasmacytoid DC	\$43,576
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$10,940,011
2016	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$1,978,174
2016	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$541,885
2016	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$724,066
2016	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$872,329
2016	INBIOS INTERNATIONAL, INC	WA	R42AI102482	Antigen Detection assay for the Diagnosis of Melioidosis	\$700,138
2016	UNIVERSITY OF WASHINGTON	WA	R01AI111780	Mechanisms of Protective Local Immunity in Human Female Reproductive Tract	\$457,589
2016	UNIVERSITY OF WASHINGTON	WA	R21AI119715	Drug Design Targeting ProRS in Anaerobic Parasites	\$255,288
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI114113	Mechanisms of antibody protection in pre-erythrocytic and blood stage malaria	\$58,002
2016	UNIVERSITY OF WASHINGTON	WA	R01AI112640	Typhoid Pathogenesis and Immunity	\$472,348
2016	UNIVERSITY OF WASHINGTON	WA	R21AI124789	Seattle HIV/AIDS modeling for Prevention	\$193,125
2016	UNIVERSITY OF WASHINGTON	WA	R01AI125189	Qualification of Assays to Measure Human T-cell Responses Against Mycobacterial Lipid Antigens	\$1,018,336
2016	NEXGENIA INC	WA	R43AI122512	Stimuli-responsive reagents for improved cell isolations and activations	\$232,149

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2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI126623	Cell and Gene Therapy for HIV Cure	\$4,714,991
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R33AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation -- (KEAN)	\$555,785
2016	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$395,376
2016	UNIVERSITY OF WASHINGTON	WA	R01AI120765	Improving Diagnosis, Treatment & Detection of Drug Resistance in HIV-2 Infection	\$745,812
2016	UNIVERSITY OF WASHINGTON	WA	R21AI127156	CD101 function, T regulatory cells and HIV-1 acquisition risk	\$220,382
2016	VIRTICI LLC	WA	R44AI125165	A Novel Tolerance Therapeutic for Treating Multiple Sclerosis	\$479,708
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127100	Role of the microbiome in HIV vaccine induced heterogeneity	\$766,577
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$822,437
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$459,776
2016	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$630,765
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$405,674
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$753,781
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$7,367,757
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$9,822,842
2016	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$735,148
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$426,932
2016	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	\$386,250
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$3,989,779
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	\$760,936
2016	UNIVERSITY OF WASHINGTON	WA	R01AI112002	Combination HIV prevention in drug-eluting fibers: designing for efficacy and use	\$567,268
2016	UNIVERSITY OF WASHINGTON	WA	F32AI104318	Triggers of HIV Disease Progression	\$58,002
2016	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	\$588,385
2016	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$574,865
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108839	Induction and signature of pathogenic T cells in allergy	\$425,455
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$1,051,183
2016	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$12,000

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2016	UNIVERSITY OF WASHINGTON	WA	R21AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$288,363
2016	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI116908	The role of mycobacterial efflux pumps in virulence and antibiotic tolerance	\$171,345
2016	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$174,820
2016	UNIVERSITY OF WASHINGTON	WA	UM1AI120176	Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)	\$3,482,643
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI120961	DEFINING THE INFANT IMMUNE RESPONSE TO HIV	\$787,267
2016	UNIVERSITY OF WASHINGTON	WA	R01AI118962	Antimicrobial Actions of Nitric Oxide	\$377,703
2016	VIRVIO INC	WA	R41AI122431	Optimization of a computationally designed antiviral for influenza	\$209,358
2016	UNIVERSITY OF WASHINGTON	WA	F30AI122866	Characterizing broadly neutralizing antibody responses of HIV-1-infected infants	\$43,120
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI123135	Multiplexed immuno-SRM screening for primary immunodeficiencies	\$958,341
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114918	Chlamydia pneumoniae persistence in the blood vessel	\$193,125
2016	UNIVERSITY OF WASHINGTON	WA	K22AI108628	Micro-anatomical organization of innate and adaptive immune responses	\$162,000
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI127249	Germline-targeting anti-idiotypic antibodies as novel HIV-1 immunogens	\$264,000
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI125706	Engineering of genetically attenuated pre-erythrocytic Plasmodium parasites for cross-stage protective immunity	\$472,500
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	T32AI118690	Training Program in Infectious Diseases in the Immunocompromised Host	\$158,919
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI030927	HIV Host-Cell Interactions	\$561,462
2016	UNIVERSITY OF WASHINGTON	WA	R21AI124719	Point-of-care viral load testing to enable task shifting for chronic HIV care	\$155,600
2016	UNIVERSITY OF WASHINGTON	WA	R21AI128950	A Rapid and Specific Diagnostic for Immunoglobulin Response to Zika Virus Exposure Based on De novo Designed Low Cost Hyper-stable Mini-Protein Epitopes	\$221,788
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI128992	Development of an Innovative, Effective, RNA-based Vaccine for Zika Virus	\$312,550
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI127893	High-throughput experiments to guide influenza vaccine strain selection	\$443,098
2016	UNIVERSITY OF WASHINGTON	WA	R01AI126785	Functional genomics for Chlamydia	\$716,082
2016	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,520,298
2016	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$530,907

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2016	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,679,477
2016	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,912,425
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI113803	CD8 T Cell Intrinsic Role of MicroRNA-17~92 in TCR Signaling	\$96,450
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$340,032
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$2,450,784
2016	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	\$177,123
2016	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$177,347
2016	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$474,438
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	\$776,118
2016	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$760,880
2016	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$165,171
2016	UNIVERSITY OF WASHINGTON	WA	R01AI108626	The differentiation and function of CD4+ Th2 cells during allergen-induced asthma	\$470,649
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	\$427,500
2016	THE GENEVA FOUNDATION	WA	R33AI101387	Targeting Cellular Processes to Counter the Effects of BoNT Intoxication	\$368,750
2016	UNIVERSITY OF WASHINGTON	WA	K01AI110313	CTL mechanisms underlying effects of HLA-A*2301 and B*5301 on HIV-1 set-point	\$128,250
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114923	Elucidating the function of a novel antibacterial amidase in Ixodes scapularis	\$232,036
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI117200	Tetracycline resistance: the Achilles' heel of antibiotic resistance?	\$188,750
2016	UNIVERSITY OF WASHINGTON	WA	R01AI123124	Regulation of S. aureus Colonization by NO.	\$364,078
2016	WASHINGTON STATE UNIVERSITY	WA	R21AI126304	Hepacivirus control by T cells and broadly active antibodies	\$189,896
2016	UNIVERSITY OF WASHINGTON	WA	R21AI114827	Sessile Kupffer Cells in Liver Tolerance	\$193,125
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI117519	In vivo inactivation of latent HSV by endonuclease-mediated mutagenesis	\$264,000
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106893	Chlamydia virulence: exploitation of host N-glycosylation	\$386,250
2016	UNIVERSITY OF WASHINGTON	WA	R01AI125498	Delivering PrEP in Pregnancy	\$666,457
2016	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$431,121
2016	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$386,250
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI107626	Phenoxyalkylimidazoles for use against persistent and replicating M. tuberculosis	\$207,000

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2016	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$339,750
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$369,201
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$488,032
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121259	Statistical Methods for Adherence Issues in HIV Prevention Research	\$613,612
2016	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$440,000
2016	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$741,923
2016	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	\$435,000
2016	THE GENEVA FOUNDATION	WA	R01AI111516	Mammalian and Plant-derived Antibody-based Therapies against Sudan Ebolavirus	\$766,924
2016	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$594,261
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$486,288
2016	PHASE GENOMICS INC	WA	R43AI122654	Deconvolution and Assembly of Metgenomes Using Chromatin Conformation Capture	\$216,192
2016	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U19AI125378	Epithelial control of responses to allergen challenge and viral exacerbation	\$1,678,318
2016	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R00AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	\$249,000
2016	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI125160	Immunotherapy to prevent drug-resistant tuberculosis	\$1,315,804
2016	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$561,280
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$382,500
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI121552	Bacteriophage to prevent infection by antibiotic-resistant enterococci	\$230,125
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$379,928
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110617	The Role of Complement Inhibition in Expanded Criteria Kidney Transplantation	\$736,813
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125390	Proteomics of eosinophil activation	\$376,140
2016	TASSO INC	WI	R43AI122474	Integrated sample collection-to-preparation platform for multianalyte POC detection	\$220,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$410,597
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123719	Evaluation of a novel mosquito repellent isolated from bacteria	\$180,650
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$568,031
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$605,206

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2016	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$398,555
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	\$48,576
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$376,250
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$382,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI117413	Evolution of Chikungunya Virus in Wolbachia Infected mosquitoes	\$191,250
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI116382	GBV-C-mediated protection from AIDS in humans and GBV-C/SIV co-infected macaques	\$2,847,216
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI115931	The role of the Unfolded Protein Response in Brucella melitensis replication	\$31,146
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$389,033
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$6,561,677
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$330,545
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	\$3,190,133
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI118495	Alloimmunization as a novel prophylactic vaccine for AIDS viruses	\$665,913
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI120655	Targeting CCL28 as therapy for obstructive lung disease	\$385,000
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI112920	Leptospira interrogans Interactions with Endothelial Cells	\$382,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$350,760
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI119140	Natural vs. Pathogenic Th17 responses to col Va1, Ka1 tubulin and vimentin	\$367,175
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121544	Impact of nocturnal questing of Ixodes scapularis on disease risk and ecology	\$187,010
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI126419	Transformational platform for regenerating autologous transplantable endocrine tissue from human pancreatic matrix and pluripotent stem cells	\$223,140
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$1,572,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$440,622
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$367,362
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$684,241

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2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	\$376,250
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	\$641,332
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	\$376,250
2016	LUCIGEN CORP	WI	R33AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$445,587
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI115911	Outer membrane vesicles and peptidoglycan of Neisseria gonorrhoeae	\$58,002
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M. tuberculosis evolution	\$374,020
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121212	Regulation of human IL12/IL23 responsiveness by IL12RB1	\$384,584
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI125271	Regulation of the influenza virus polymerase	\$379,320
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI125879	A new genetic approach to identify the Idd9.3 type 1 diabetes susceptibility gene	\$228,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI124299	Novel Combination Adjuvant for Eliciting Systemic and Mucosal CD8 T Cell Memory	\$376,670
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121704	Microbial-ecology guided discovery of non-traditional therapeutics that limit resistance	\$224,200
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$928,696
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI125897	Identifying host factors and the mechanisms used to control influenza virus replication	\$232,637
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$376,250
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes in Health and Disease	\$236,514
2016	VERSITI WISCONSIN, INC.	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$476,030
2016	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$25,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$681,604
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI107157	The Maternal-Fetal Interface in Listeria-Induced Pregnancy Loss	\$399,347
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118799	Functional Analyses of Borrelia burgdorferi Adhesins	\$682,472
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI125231	University of Wisconsin Transplant Reseach Training Program	\$134,410
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI127127	SIV/HIV dysregulation of MAIT cell function impairs anti-M.tb immunity	\$203,079

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2016	LUCIGEN CORP	WI	R43AI124889	Rapid and Simple Device for Point-of-Care Molecular Detection of Arboviruses	\$224,997
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$58,002
2016	VERSITI WISCONSIN, INC.	WI	R56AI122655	Mechanisms of a novel regulatory B cell subset	\$417,500
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI121217	Identification of protective Lyme disease antigens using live attenuated vaccines	\$385,407
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$384,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$322,154
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI111024	Molecular pathogenesis and Blastomyces adherence	\$229,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$382,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI114277	Mechanisms of RNA regulation in the persistence of the AIDS pathogen Toxoplasma	\$225,260
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Human epidemiology and response to SARS-CoV-2 (HEROS)	\$10,328,678
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI121135	Fcγ receptor-mediated suppression of immunodeficiency virus replication	\$766,783
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$447,340
2016	VERSITI WISCONSIN, INC.	WI	R01AI125741	The Cellular and Transcriptional Control of CD8 T Cell Functional Adaptation to Chronic Viruses	\$417,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI118326	Regenerative Capacity of Anti-Viral Memory CD8 T cells	\$224,200
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121662	A biotherapeutic CRISPR-delivery platform to eradicate Clostridium difficile	\$179,732
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035681	Molecular pathogenesis of Blastomycosis	\$614,018
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI122103	Eosinophil beta1 integrin activation as a biomarker for eosinophilic esophagitis	\$229,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$372,210
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$226,739
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	\$382,500
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI111025	Type II-NDHs in M. tuberculosis respiration and persistence	\$229,500
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI116007	Understanding the impact of human NKT cells on hematopoiesis	\$191,250
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118389	Vaccines Against Botulism	\$600,014

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2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$118,564
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$502,113
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$587,424
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI120642	Role of airway epithelial cells in host defense against pulmonary fungal pathogens	\$4,833
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI123289	Sexual development of Toxoplasma in feline intestinal organoids and cell culture	\$184,890
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$386,888
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI108727	Mechanisms of Candida Biofilm Immune Evasion	\$192,024
2016	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI126810	Mucosal Immunology Course & Symposium (MICS)	\$4,000
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI121808	Regulation of human immune function by 17q21 asthma risk polymorphism	\$229,500
2016	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$344,250
2016	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$353,525
2016	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI118789	Functional differentiation of tsetse species microbiota	\$303,244
2016	BLUEFIELD STATE COLLEGE RESEARCH & DEVELOPMENT CORP	WV	R15AI124156	Effects and mechanisms of cold-induced stress on the development of chlamydia genital infection in a mouse model	\$422,846
2016	UNIVERSITY OF WYOMING	WY	R01AI124804	Impact of Fc N-glycan structure on HIV-specific antibody functions	\$632,971
2015	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	\$0
2015	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$81,000
2015	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		P50AI098507	Modeling Drug Induced Resistance in S. mansoni Endemic Areas	\$0
2015	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$0
2015	MAXPLANCK INSTITUT FUR IMMUNBIOLOGIE UND EPIGENETIK		R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$64,800
2015	UNIVERSITY HEALTH NETWORK		R01AI085043	Mechanisms of Viral Persistence	\$175,253
2015	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$0
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	-\$10,068
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R56AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$0

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2015	VITALANT	AZ	R56AI119056	Protective B-cell responses in chikungunya virus infection	\$0
2015	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$73,924
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	-\$153,608
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI110162	Inhibiting Immune Evasion by HIV-1 Nef to Facilitate Eradication	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F32AI108097	Regulation of late genes and the transcriptional repressor protein EUO in Chlamyd	\$0
2015	CEDARS-SINAI MEDICAL CENTER	CA	R56AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$0
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$0
2015	STANFORD UNIVERSITY	CA	K23AI104401	Improving Kidney Transplant Outcomes Using Novel B-cell Immune Profiling	\$0
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI110149	HIV-specific nucleases to reservoir cells	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112513	mRNA as a mediator of immunological information transfer in vivo	\$0
2015	SILVER LAKE RESEARCH CORPORATION	CA	R41AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$0
2015	TARGESON INC	CA	R43AI120426	Scalable Transfection Technology for Lymphocytes	\$0
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	\$0
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R56AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$0
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI110513	Deconstructing the allo-specific memory B cell response	\$186,220
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$0
2015	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI106745	Epigenetic regulation of decidual inflammation	\$213,024
2015	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	-\$5,797
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	-\$146,254
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$0

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2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$97,276
2015	PRIMITY INC	CA	R44AI091284	Cell-Based Screening for Multi-Functional Chemokine Receptor Modulators	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI112269	Toward enhancer therapy: Finding the keystone enhancers that distinguish CD4+ T c	-\$19,290
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K99AI120851	Viral sequence and dynamic determinants of antibody breadth	\$0
2015	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R43AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery without need for reconstitution	\$0
2015	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	-\$1,684
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$0
2015	STANFORD UNIVERSITY	CA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	\$149,738
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI104247	Regulation of Listeria virulence gene expression by glutathione and hydrogen sulf	-\$6,018
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$0
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI102567	Identifaction of the genetic basis of primaquine resistance in malaria parasites	-\$30,973
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$0
2015	LELAND STANFORD JUNIOR UNIVERSITY, BOARD OF TRUSTEES	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$0
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$0
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	-\$254,322
2015	STANFORD UNIVERSITY	CA	K08AI097322	Antivirals for Hepatitis C Targeting Phosphoinositide Metabolism	\$0
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R56AI116885	Regulation of TH17 cell development and function by the REV-ERBs	\$0
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$0
2015	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arborvirus persistence, emergence and fitness	\$0

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2015	YALE UNIVERSITY	CT	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$243,429
2015	YALE UNIVERSITY	CT	R21AI114953	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	\$204,795
2015	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$0
2015	VAXINNATE CORPORATION	CT	R01AI105206	Development of a Recombinant Tetravalent Dengue Vaccine Based on a Subunit Envelo	\$0
2015	YALE UNIVERSITY	CT	R56AI120369	Mechanisms regulating innate immune responses	\$0
2015	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$0
2015	YALE UNIVERSITY	CT	F31AI120486	Mechanism of endosomal membrane penetration by Human Papillomavirus 16	-\$7,819
2015	YALE UNIVERSITY	CT	F32AI114132	The essential role of gamma-secretase in human papillomavirus infection	-\$5,922
2015	NEW ENGLAND DISCOVERY PARTNERS, LLC	CT	R43AI115951	Small molecule inhibitors of group II introns for treatment of fungal infections	\$0
2015	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$0
2015	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$19,200
2015	YALE UNIVERSITY	CT	F32AI104334	Structure activity and structure property relationships for novel anti-HIV agents	-\$12,828
2015	YALE UNIVERSITY	CT	R56AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$0
2015	YALE UNIVERSITY	CT	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$373,558
2015	UNIVERSITY OF MIAMI	FL	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$20,000
2015	UNIVERSITY OF FLORIDA	FL	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$248,631
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI113470	Multivalent Bacillus mucosal vaccines against Clostridium difficile infection	\$132,621
2015	EMORY UNIVERSITY	GA	R21AI114415	Transmitted/Founder SHIV macaque model	-\$194,999
2015	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	-\$97,373
2015	EMORY UNIVERSITY	GA	R21AI113385	Respiratory Syncytial Virus G proteins to improve safety/efficacy of vaccines	\$0
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$0
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$221,210
2015	EMORY UNIVERSITY	GA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	-\$734,707
2015	EMORY UNIVERSITY	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	-\$250,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	-\$20,000
2015	EMORY UNIVERSITY	GA	F31AI118558	Mechanisms for decreased HIV transcription in CCR5 delta-32 heterozygotes on ART	-\$3,820
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119196	Identification and Hit-to-Lead Development of Influenza A Virus Inhibitors	\$0
2015	UNIVERSITY OF HAWAII	HI	R56AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	-\$2,500
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$0
2015	UNIVERSITY OF IOWA	IA	R56AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$0
2015	UNIVERSITY OF IOWA	IA	R21AI119160	Molecular mechanisms controlling differentiation of memory CD8 T cells	\$0
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$0
2015	NORTHWESTERN UNIVERSITY	IL	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	-\$360,692
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery.	\$0
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI115171	Exploring HCV infection in engineered cultures of iPSC-derived human liver cells	\$0
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$624,936
2015	UNIVERSITY OF CHICAGO	IL	R21AI118509	TRIM protein-mediated innate immune control of KSHV infection	\$197,500
2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI110852	A Systems Biology Approach to Malaria Immunity	-\$738,371
2015	NORTHWESTERN UNIVERSITY	IL	R56AI057460	The Role of Group 1 CD1-restricted T Cells in Infectious Disease	\$0
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$208,016
2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	-\$290,028
2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	-\$325,247
2015	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI107055	Bifunctional Control of Yop Translocation by YopK	-\$211,451
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	K01AI110525	Parents Influenza Vaccine Decisions for Their Children and for Themselves	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI114953	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	-\$191,900
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI110831	Embryonic origin and self-renewal of B-1a cells	\$0
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	-\$341,995

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	MOSQUITOMATE INC	KY	R43AI112048	Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$0
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$0
2015	UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$730,909
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI106178	Mechanistic Studies of the Function of Desmosterol Homeostasis in HCV Replication	-\$14,616
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$0
2015	NEXGEN ARRAYS, LLC	MA	R43AI118254	Combined Viral Load and Ultrasensitive Serology Panel for Rapid Ebola Diagnostics	\$0
2015	Trustees Of Boston University	MA	R56AI116829	Gene Regulation in the Immune System	\$0
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$857,905
2015	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$0
2015	BETH ISRAEL HOSPITAL	MA	R01AI095308	Characterization of new Ca ²⁺ channels that underpin immunological decision making	\$0
2015	TUFTS UNIVERSITY	MA	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$211,451
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI114131	Probing with a panel of beta-lactams to find genetic resistance factors in MRSA	-\$1,910
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$0
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI104170	Investigating the role of inflammasome activation in the control of T. gondii	-\$4,520
2015	Trustees Of Boston University	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$108,154
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI115962	VopE of Vibrio cholerae mediates mitochondrial dynamics by the Miro GTPase	-\$32,057
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120900	Functional impact of long non-coding RNA expression on HIV control	-\$170,936
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$0
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI118509	TRIM protein-mediated innate immune control of KSHV infection	-\$207,026
2015	TUFTS UNIVERSITY	MA	R21AI113470	Multivalent Bacillus mucosal vaccines against Clostridium difficile infection	-\$130,000

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2015	UNIVERSITY OF MASSACHUSETTS	MA	R56AI116920	Innate mechanisms for virus-induced diabetes	\$0
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	-\$149,738
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	-\$123,267
2015	TUFTS UNIVERSITY	MA	R21AI111011	Inhibiting tegumental carbonic anhydrase as a novel treatment for schistosomiasis	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110165	Killing the Reservoir with Antibodies	\$0
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	-\$877,958
2015	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$0
2015	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$219,514
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	-\$149,202
2015	SYMBIOTIX BIOTHERAPIES INC	MA	R42AI110170	Novel commensal polysaccharide treats multiple sclerosis through Treg modulation	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$0
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	-\$554,280
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI111713	Targeting cell separation systems of gram-negative bacteria.	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI113479	NK cell regulation of immune responses to dengue	-\$212,773
2015	TUFTS UNIVERSITY	MA	R56AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$0
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$0
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114555	Integrative Genomics in Asthmatics of African Descent	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	\$328,721
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI018797	Differentiative Signals for Macrophage Activation	\$0
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$1,989
2015	BIOLOGICAL MIMETICS, INC	MD	R43AI120260	Development of a New Low-Cost Poliovirus Vaccine (Ir-IPV): Feasibility study with PV-2	\$0
2015	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$0
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI110852	A Systems Biology Approach to Malaria Immunity	\$777,750
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI116256	Gag-mediated autophagy in HIV persistence	-\$208,384

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2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	-\$276,089
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI069314	Plasmodium falciparum gametocytogenesis	\$359,092
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106613	The Role of Cell Wall Lipids in Pathogenesis of Rifampin-Resistant TB	\$0
2015	UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	MD	R21AI109470	Defining glomerulus-homing peptides for targeted drug delivery in lupus nephritis	\$0
2015	TETRACORE INC	MD	R43AI115869	Rapid Point-of-Care Molecular Test for the Differentiation of Dengue and Chikungunya Viruses	\$0
2015	AMERICAN GENE TECHNOLOGIES INTERNATIONAL INC	MD	R21AI116256	Gag-mediated autophagy in HIV persistence	\$149,331
2015	Regents of the University of Michigan	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$0
2015	HENRY FORD HEALTH SYSTEM	MI	R56AI119041	microRNAs and NKT cell development and function	\$0
2015	Regents of the University of Michigan	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$0
2015	Regents of the University of Michigan	MI	R56AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$0
2015	MAYO CLINIC	MN	R01AI097241	Foundation Immunogens for Influenza Vaccines	-\$400,924
2015	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$0
2015	SYNTIRON LLC	MN	R43AI115908	A Multivalent Lipoprotein Vaccine to Prevent S. aureus Cutaneous Infections	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	-\$114,000
2015	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	-\$91,200
2015	FIMBRION THERAPEUTICS INC	MO	R43AI106112	Anti-virulence FimH inhibitors for the treatment and prevention of UTIs	\$0
2015	WASHINGTON UNIVERSITY	MO	R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$0
2015	UNIVERSITY OF MISSOURI SYSTEM	MO	R21AI112399	Mechanism of Vpu action: the rest of the story	\$0
2015	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	-\$165,865
2015	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$103,307

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2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	\$0
2015	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	-\$300,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$0
2015	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$0
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI119164	Natural Immunity Against Chlamydia trachomatis	\$0
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111707	Exploiting Host Polyamines for the Treatment of Skin and Wound Infections	-\$73,438
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$416,072
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI114415	Transmitted/Founder SHIV macaque model	\$188,125
2015	DARTMOUTH COLLEGE	NH	R56AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$0
2015	DARTMOUTH COLLEGE	NH	R21AI113390	Mediator regulation of transporters in fluconazole resistant C. albicans mutants	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$0
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115204	Regulation of ubiquitin-proteasome in Cryptococcus pathogenesis	\$0
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$0
2015	DXDISCOVERY INC	NV	R43AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$339,000
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	-\$322,783
2015	Trustees Of Columbia University In The City Of New York	NY	R21AI111020	R21 Orphan nuclear receptors	-\$184,000
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$0
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	F32AI116263	Mechanism of lentiviral inhibition by Mx2	\$0
2015	BIOSCIENCE DEVELOPMENT INC	NY	R43AI114009	Development of Molecular Diagnostic Test For Early Onset of Lyme Disease	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$255,136
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$0
2015	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	-\$257,904
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F31AI114019	Regulation of Natural Killer Cells by TGF-beta	-\$4,600
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109830	Therapeutic Applications of Broadly Neutralizing Anti-HIV-1 Antibodies to Clear Latently Infected Cells	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$0
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI099567	Enhancing RNAi delivery in vivo	-\$13,987
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$0
2015	ROCKEFELLER UNIVERSITY	NY	R01AI104857	Genetic Etiology of Agammaglobulinemia with Absent B Cells	-\$55,452
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$257,904
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110130	Revolutionizing virus-host interaction studies with non-canonical small RNAs	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI112290	Staphylococcus aureus mediated targeting and killing of immune cells	-\$3,820
2015	New York University	NY	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	-\$208,967
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$0
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	R21AI107631	Study of rodent HCV-GBV like viruses	-\$46,503
2015	CERAMIDE THERAPEUTICS LLC	NY	R43AI106283	Single-chain antibody countermeasures for the Radiation GI Syndrome	\$0
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI111020	R21 Orphan nuclear receptors	\$194,925
2015	BIOPEPTIDES INC	NY	R41AI108006	Development of an Antigen Capture Assay for Babesia microti	\$0
2015	TRUDEAU INSTITUTE	NY	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	-\$237,900
2015	HEALTH RESEARCH, INC.	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$0
2015	Yeshiva University	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$13,987
2015	NEW YORK MEDICAL COLLEGE	NY	R03AI107431	T.gondii resistance to reactive nitrogen species	\$0

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2015	Yeshiva University	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	-\$255,136
2015	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$0
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$0
2015	Trustees Of Columbia University In The City Of New York	NY	F31AI098409	Characterization of Antibody-Dependent Cellular Cytotoxicity in HIV Infection	-\$17,528
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI106745	Epigenetic regulation of decidual inflammation	-\$227,808
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$0
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$0
2015	SUNY, STONY BROOK	NY	R56AI027044	Antigen Specific Responses to Borrelia	\$0
2015	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$0
2015	UNIVERSITY OF CINCINNATI	OH	F30AI109893	FUT2 Genotype Impact on National Burden of Norovirus Infections	-\$2,645
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$0
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI107631	Study of rodent HCV-GBV like viruses	\$58,014
2015	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI110156	HIV eradication by ADCC-activated NK cell killing	\$0
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$0
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI118836	Role of the Transcription Factor ARID3a in Innate Immune Responses	-\$428,749
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI118836	Role of the Transcription Factor ARID3a in Innate Immune Responses	\$370,000
2015	IMMUNO-MYCOLOGICS INC	OK	R41AI104377	Rabbit InMAD Discovery of Novel Biomarkers for POC Tuberculosis Diagnostic Assay	\$0
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI113539	Structure-function studies on a key signaling module from interleukin 17 receptor	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$0
2015	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	-\$262,223
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$385,315
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114143	Coronavirus Antagonism of the OAS-RNase L Pathway	-\$7,724

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2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$0
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$324,056
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	-\$301,571
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI104121	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM INFLUENZA A VIRUS	\$0
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	-\$347,223
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$0
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$0
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$0
2015	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	-\$208,277
2015	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	-\$120,960
2015	DREXEL UNIVERSITY	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$120,960
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI107145	High-throughput Screening for Inhibitors of Human Metapneumovirus	\$0
2015	IMMUNOMIC THERAPUETICS INC.	PA	R43AI113914	TN-LAMP-vax: a Multi-Valent Tree Nut Allergy Immunotherapy	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$136,782
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$284,216
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$172,589
2015	Evrys Bio, LLC	PA	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$37,500
2015	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	R13AI120914	Biannual International Toxoplasmosis	\$0
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI111707	Exploiting Host Polyamines for the Treatment of Skin and Wound Infections	\$74,405
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF RHODE ISLAND	RI	R21AI113479	NK cell regulation of immune responses to dengue	\$194,990
2015	RHODE ISLAND HOSPITAL	RI	R21AI107520	S.japonicum, anemia, and iron transport in human pregnancy	\$0
2015	CLEMSON UNIVERSITY	SC	R21AI105656	pH and glucose sensing in Trypanosoma brucei glycosomes	-\$183,936
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA THE	SC	R01AI021758	Vaccinia DNA Replication	\$0
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$298,084
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$82,380
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	-\$21,458
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	-\$19,873
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$20,128
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$68,040
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$392,463
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	-\$81,337
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$130,428
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	F32AI120553	The impact of dietary metals on the gut microbiome and Clostridium difficile infection	\$11,448
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI120553	The impact of dietary metals on the gut microbiome and Clostridium difficile infection	-\$11,448
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	T32AI095202	Childhood Infection Research Program	\$83,250
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	-\$390,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	-\$130,428
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$62,744
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	-\$68,040
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$105,391
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	-\$105,391
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R21AI109690	Novel biochemical and functional targets of PARP	\$172,599
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	-\$548,969

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2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$15,720
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infection Research Program	-\$83,250
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	\$0
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI109690	Novel biochemical and functional targets of PARP	-\$171,507
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$548,969
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$226,280
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	-\$224,864
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	-\$62,744
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	-\$304,790
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$0
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	-\$296,169
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	-\$15,720
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$21,458
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$0
2015	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$306,487
2015	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$0
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI110513	Deconstructing the allo-specific memory B cell response	-\$173,727
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI120900	Functional impact of long non-coding RNA expression on HIV control	\$186,929
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109100	Damage-associated Alarmin Key to Immune Responses in Viral Hepatitis	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$0
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F32AI109834	The role of host RNA-binding proteins in regulating dengue virus replication	-\$7,724

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2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	\$183,745
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	\$0
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$0
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$0
2015	BRIGHAM YOUNG UNIVERSITY	UT	R21AI105656	pH and glucose sensing in Trypanosoma brucei glycosomes	\$183,936
2015	UNIVERSITY OF UTAH	UT	R21AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	-\$104,885
2015	MYCOMED TECHNOLOGIES	VA	R41AI115866	Urine Diagnostics for Aspergillosis	\$0
2015	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	-\$29,250
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$0
2015	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	F31AI114203	The Role of IL-23 in the Pathogenesis of Clostridium difficile Infection	-\$8,340
2015	UNIVERSITY OF VERMONT	VT	R21AI112804	iNKT Cells Regulating Lung Mast Cells: New Treatment Opportunity for Asthma	\$0
2015	UNIVERSITY OF WASHINGTON	WA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$149,202
2015	UNIVERSITY OF WASHINGTON	WA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$146,254
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$0
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	-\$77,035
2015	UNIVERSITY OF WASHINGTON	WA	F32AI114029	Genetic determinants of Acinetobacter baumannii desiccation tolerance	-\$12,996
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI118500	Engineering T-cells with optimized anti-HIV chimeric antigen receptors and CCR5 disruption as a strategy to target HIV-infected cells	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI116369	Methods for Immune Biomarkers Measurement, Preprocessing and Association Studies	\$0
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$0
2015	SPRINGSTAR INC	WA	R43AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$0
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI102567	Identifaction of the genetic basis of primaquine resistance in malaria parasites	\$30,973

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2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	K99AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$357,191
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$0
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI104147	Phosphoinositides in the T. brucei Endomembrane System	-\$42,066
2014	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$0
2014	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$0
2014	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$0
2014	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$0
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$0
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$0
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI107148	Coxiella burnetii Regulation of Macrophage cAMP/PKA Signaling	\$0
2014	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$0
2014	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R00AI101167	Characterization of Potassium Channels in the Human Parasite Trypanosoma Cruzi	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103656	In vivo mouse models for inducible hematopoietic- and hematopoietic stem cell-spe	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$0
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$0
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$0
2014	STANFORD UNIVERSITY	CA	R56AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$0
2014	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$0
2014	La Jolla Institute For Immunology	CA	R21AI101875	Cell-based functional genetics of autoimmunity through targeted gene integration	\$0

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2014	UNIVERSITY OF CALIFORNIA	CA	R03AI107446	METHODS FOR MEASURING NATURAL DENGUE TRANSMISSION FROM HUMANS TO MOSQUITOES	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI108826	Immunologic Aspects of In Utero or Neonatal AAV-Based Gene Therapy	\$0
2014	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$0
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$0
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI052065	HIV AND HCV DISEASE PROGRESSION IN WOMEN ON HAART	\$0
2014	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval <CEDAR> - Overall	\$0
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$0
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$0
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F32AI108097	Regulation of late genes and the transcriptional repressor protein EUO in Chlamyd	\$0
2014	STANFORD UNIVERSITY	CA	R56AI111460	Advancing a Novel Pangenotypic Inhibitor of Human Influenza Virus to an IND	\$0
2014	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$0
2014	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$0
2014	COLORADO STATE UNIVERSITY	CO	R21AI099534	Novel preclinical efficacy models against nontuberculosis mycobacteria	\$0
2014	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI015614	Pathogenesis of Fever in Man	\$0
2014	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	\$0
2014	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$0
2014	OP-T-MUNE INC	CO	R41AI113977	Developing a new treatment for MS: Controlling CD40 in EAE	\$0
2014	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$0
2014	YALE UNIVERSITY	CT	P01AI039671	Dysregulated Co-inhibitory Pathways Associated with Severe COVID-19 Immunopathology	\$0
2014	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$0
2014	L2DIAGNOSTICS, LLC	CT	R43AI096628	A Lyme disease vaccine using newly identified in-vivo expressed antigens	\$0

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2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI097210	Mechanisms of Impaired Mycobacteria Sensing by TLR2 and TLR4 Polymorphic Variants	\$0
2014	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$0
2014	YALE UNIVERSITY	CT	F32AI114132	The essential role of gamma-secretase in human papillomavirus infection	\$0
2014	YALE UNIVERSITY	CT	R56AI042310	MIF and Host Response to Infection	\$0
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R03AI103750	OVERCOMING THE DEGRADING EFFECTS OF NICOTINE ON VACCINE USING TLR AGONISTS	\$0
2014	UNIVERSITY OF FLORIDA	FL	R56AI111974	Combination Therapy Modeling for M tuberculosis Resistance Suppression and Kill	\$0
2014	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$0
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$0
2014	UNIVERSITY OF MIAMI	FL	R21AI106373	Immune Activation in Virologically Suppressed Indian HIV-infected Patients	\$0
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$0
2014	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$0
2014	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$0
2014	EMORY UNIVERSITY	GA	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$0
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$0
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R56AI104168	Examining SecA as a Potential Target for Treating Gram -positive Bacteria	\$0
2014	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$0
2014	EMORY UNIVERSITY	GA	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$0
2014	UNIVERSITY OF HAWAII	HI	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$0
2014	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$0
2014	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	\$0
2014	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$0
2014	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$0
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$0
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI099953	Integration of infant male circumcision with community health services in Kenya	\$0

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2014	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI106435	Manipulation of host cell acetylome in AIDS opportunistic infection	\$0
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$0
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$0
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$0
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$0
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	\$0
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI103717	Targeting functional assembly of the bacterial multidrug efflux transporter	\$0
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI103466	Rational Approach to Optimize Immune Potency of DNA Vaccines	\$0
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$0
2014	Trustees Of Boston University	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI103650	Human Monoclonals to Dengue Virus	-\$47,508
2014	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$0
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$0
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$0
2014	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$0
2014	Trustees Of Boston University	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$0
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$0
2014	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$0
2014	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$0
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI104730	Molecular mechanisms of HLA-DM mediated peptide exchange	\$0
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI104975	S. pneumoniae pilus regulation and host response	\$0

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2014	TUFTS UNIVERSITY	MA	R56AI110684	Mammalian cell collaboration with bacterial type III secretion	\$0
2014	DANA-FARBER CANCER INSTITUTE	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$0
2014	Trustees Of Boston University	MA	U01AI100015	Rapid Initiation of Antiretroviral Therapy to Promote Early HIV/AIDS Treatment in South Africa	\$0
2014	TUFTS MEDICAL CENTER	MA	R21AI097855	Analysis of Tgsl, a novel regulator of macrophage survival	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$0
2014	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	R03AI103521	Development of Robust Culture Systems for the Human Splenic Littoral Cell	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$0
2014	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI106031	Comparative Effectiveness of Rapid TB Diagnostics in Uganda	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107537	Bridging KSHV capsids to the nuclear egress complex	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107530	How does the KSHV small capsid protein function to promote self-assembly?	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$456,447
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$0
2014	UNIVERSITY OF MARYLAND	MD	R21AI107230	A genetic resource for Anopheles immunity research	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$0
2014	Emmes Company, LLC, The	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$0
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI099734	Role of a schistosome cysteine protease in Th response polarization	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI107224	Vaginal microbiota, immune responses and vulvovaginal symptoms during menopause	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI106508	Cell Surface Marker Combinations to Identify Latently Infected CD4+ Cells In Vivo	\$0
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$0
2014	Regents of the University of Michigan	MI	R21AI105167	How eukaryotic pathogens explore the fitness landscape by mitotic recombination	\$0
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI106477	Vpr	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$0
2014	BIOThERA INC	MN	R43AI107999	An immunomodulatory yeast-derived beta glucan as a component of a conjugate	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R56AI113138	TNF Receptor Superfamily Signaling in Immune Tolerance	\$0
2014	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R21AI103012	Bayesian Methods and Software for Patient-Centered Network Meta-Analysis of Binar	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$0
2014	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$0
2014	UNIVERSITY OF MINNESOTA	MN	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$0
2014	WASHINGTON UNIVERSITY	MO	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$0
2014	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$0
2014	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeuticcs for Chikungunya Virus	\$0
2014	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	\$0
2014	WASHINGTON UNIVERSITY	MO	R01AI106361	HIV CORECEPTOR SHIFT	\$0
2014	UNIVERSITY OF MISSOURI SYSTEM	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI108515	Simple interventions to Improve Rotavirus Vaccine Effectiveness (SIRVE)	\$0
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI103617	Why Are Steroids Ineffective at Suppressing RSV Bronchiolitis	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI113095	Delayed Anaphylaxis to Mammalian Meat caused by IgE Ab to alpha-gal	\$99,592
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	\$0
2014	UNIVERSITY OF NORTH DAKOTA	ND	R21AI105662	Passerine filariasis and West Nile virus transmission	\$0
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI107811	Generation and characterization of CD40L-modified Mice	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$0
2014	UNIVERSITY OF NEVADA-RENO	NV	R56AI106737	Elucidation of HCMV latent viral genome maintenance/replication factors	\$0
2014	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R56AI109156	HIV Toolbox, an interactive, visual, and customizable HIV Protein Ontology	\$0
2014	DXDISCOVERY INC	NV	R41AI108114	Biomarker discovery for immunodiagnosis of invasive candidiasis	\$0
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$0
2014	UNIVERSITY OF NEVADA-RENO	NV	R33AI085548	Target discovery and immunoassay for diagnosis of invasive aspergillosis	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI091633	Translocation through TonB-dependent transporters	-\$1,921
2014	Yeshiva University	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	-\$189,793
2014	SUNY, STONY BROOK	NY	R21AI100631	Identification of new compounds against fungal microbes	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI102824	Role of TNPO3 in HIV-1 Replication	\$23,380
2014	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$0
2014	Trustees Of Columbia University In The City Of New York	NY	R01AI100059	LINK4HEALTH: A Combination Strategy for Linkage and Retention, Swaziland	\$0
2014	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI108432	Regulation of SAMHD1 antiviral activity	-\$9,163
2014	Yeshiva University	NY	R56AI108432	Regulation of SAMHD1 antiviral activity	\$9,163
2014	Yeshiva University	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$23,847
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	\$0
2014	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI110803	Effects of human cytomegalovirus on monocyte survival and differentiation	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$0
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$0
2014	Yeshiva University	NY	R01AI091633	Translocation through TonB-dependent transporters	\$1,921
2014	Yeshiva University	NY	R21AI102824	Role of TNPO3 in HIV-1 Replication	-\$23,380
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$955,436
2014	New York University	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$0
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$0
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$0
2014	Yeshiva University	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	-\$955,436
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	\$189,793
2014	SUNY, BUFFALO	NY	R21AI107257	Apicomplexan Drug Target Discovery	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	-\$23,847
2014	Trustees Of Columbia University In The City Of New York	NY	R01AI100044	A Combination Intervention Package for Isoniazid Preventive Therapy in Ethiopia	\$0
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$0
2014	UNIVERSITY OF CINCINNATI	OH	R56AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$0
2014	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$0
2014	Research Institute at Nationwide's Children's Hospital	OH	R56AI108880	Uncovering Basic Signaling Mechanisms in NK Cells in Mice and Humans	\$0
2014	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$0
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$0
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	-\$16,780
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106301	Validating novel drug targets in Trypanosoma cruzi polyamine biosynthesis	-\$8,734
2014	TOMEGAVAX INC	OR	R41AI109927	CMV Vectored Herpes Simplex Vaccine	\$0
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R33AI082680	Phosphorothioate Oligonucleotides as Microbicides against HIV Transmission	\$0
2014	INVENTOX INC	PA	R43AI114044	A New Generation of Botulinum Toxin Vaccines	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R33AI082701	Gp340 and syndecan inhibition based microbicide for HIV	\$0
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI054643	Cyclin-dependent kinases: Novel switches in energy and targets for tolerance	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$0
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$0
2014	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$0
2014	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$0
2014	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$0
2014	UNIVERSITY OF RHODE ISLAND	RI	R21AI103650	Human Monoclonals to Dengue Virus	\$43,873
2014	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$0
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	-\$54,790
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI103834	Human neutralizing monoclonal antibodies for Rift Valley fever virus	\$0
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	-\$75,676
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$0
2014	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$54,790
2014	VANDERBILT UNIVERSITY MEDICAL CENTER	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$75,676
2014	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$0
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105962	Therapeutic immunization to impact HSV-2 latency and associated pathogenesis	\$0
2014	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$0
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI097576	Genetic Analysis of Host Specificity in Schistosoma mansoni	\$0
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$0
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI094800	Role of Type I Interferon in Allergic Asthma	-\$5,684
2014	NORWELL INC	TX	R44AI071634	Evaluation and Production of a Multivalent Adenoviral Plague Vaccine	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107227	Mitochondrial Biomarkers of Cardiomyopathy and Cure in Chagas Disease	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	RICE UNIVERSITY	TX	R21AI103777	Astrovirus structure and replication	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$0
2014	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$0
2014	TERAPIO CORPORATION	TX	R44AI081356	Development of RLIP76 protein as a Radiation Countermeasure	\$0
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105789	An innovative approach to improve the activity of an aluminum-containing adjuvant	\$0
2014	LYNNTECH, INC	TX	R43AI109938	Enhanced Efficacy Photodynamic Disinfection	\$0
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$0
2014	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	\$0
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$0
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI103627	Characterization of CO2 Sensing and Regulatory Response in Borrelia burgdorferi	\$0
2014	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R21AI103536	Development of an E. histolytica Multilocus Genotyping System	\$0
2014	RECTOR & VISITORS OF THE UNIVERSITY OF VIRGINIA	VA	R56AI113095	Delayed Anaphylaxis to Mammalian Meat caused by IgE Ab to alpha-gal	-\$103,523
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI105575	Function of Guy1, a Y-specific gene of Anopheles stephensi	\$0
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI108264	Innate priming in sepsis exacerbation	\$0
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$0
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI111933	Impact of menopause and sexual trauma on HIV acquisition in women	\$0
2014	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$0
2014	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$0
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	-\$13,769
2014	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF WASHINGTON	WA	R01AI099974	Assisted Partner Notification to Augment HIV Treatment and Prevention in Kenya	\$0
2014	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$13,769
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100037	Drug-resistance testing in Kenya to improve ART suppression of HIV replication	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI105769	Ribosome Profiling in Plasmodium falciparum	\$0
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105847	Immune evasion in a humanized mouse model of HHV-6 infection	\$0
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$0
2014	ALPHA UNIVERSE LLC	WI	R43AI112146	Novel system for sensitive detection of botulinum neurotoxins	\$0
2014	GLYCOBAC LLC	WY	R43AI112118	Glycoengineered baculoviruses for the production of more efficacious influenza va	\$0
2013	AUBURN UNIVERSITY	AL	R15AI107773	Impact of bacterial infection on myeloid dendritic cell development	\$0
2013	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$0
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$0
2013	NORTHWESTERN UNIVERSITY	IL	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$0
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$0
2013	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$0
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	\$0
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$0
2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI100766	The effect of type I IFN and IL-12 signaling on T cell immunity to tuberculosis	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$0
2013	Duke University	NC	P01AI081672	SP-A as an immune modulator	\$0
2013	ICAGEN INC	NC	R44AI079935	Selective Decorporation Agents for NIAID	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	Yeshiva University	NY	R56AI104234	Antibody immunity to serotype 3 Streptococcus pneumoniae	-\$90,172
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$0
2013	HEALTH RESEARCH, INC.	NY	K08AI085031	Rabies virus maintenance in bat populations	\$0
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI104234	Antibody immunity to serotype 3 Streptococcus pneumoniae	\$90,081
2013	CLEVELAND STATE UNIVERSITY	OH	R15AI103889	Selective tubulin inhibitors with improved cell uptake for kinetoplastid infections	\$0
2013	OHIO STATE UNIVERSITY	OH	R01AI090901	NEDD4 IN T HELPER CELL DEVELOPMENT AND AUTOIMMUNITY	\$0
2013	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$0
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI098964	A Genetic Basis for Stress-Neuroendocrine-Immune Interactions	\$0
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54CA163438	Immune Mediated Disorders After Allogeneic Hematopoietic Cell Transplants (HCT)	\$0
2012	HUMBOLDT STATE UNIVERSITY SPONSORED PROGRAMS FOUNDATION	CA	R15AI099902	Symbiotic Rickettsia Species as a Model System for the Study of Folate Biosynthesis	\$0
2012	ILLINOIS STATE UNIVERSITY	IL	R15AI094322	Predation, habitat drying, and habitat size and production of vector mosquitoes	\$0
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$0
2012	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R15AI098015	Inhibition of mTOR Alters Epstein-Barr Virus Lytic Replication	\$0
2011	INSTITUT PASTEUR DE TUNIS		P50AI074178	Key Determinants Of The Natural History Of Leishmania major Infection	\$0
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$0
Issue Date FY: 2015 (Subtotal = \$2,802,763,781)					
2015	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPEP	\$693,593
2015	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Integrating geographical and genetic mapping of salmonella disease in an endemic	\$142,342
2015	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$307,383
2015	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$129,120
2015	UNIVERSITY OF PRETORIA		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	\$157,366
2015	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$342,840
2015	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$1
2015	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$613,400
2015	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,184,259
2015	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI099628	Host vulnerability and parasite genetics in the development of cerebral malaria	\$125,845
2015	DEPARTEMENT FORSCHUNG UNIVERSITATSSPITAL-BASEL		R01AI106923	The Role of microRNAs in autoimmune disease	\$262,495
2015	UNIVERSITY OF BRITISH COLUMBIA		R33AI098701	Novel adjunctive therapy for drug resistant Gram-negative pathogens	\$263,098
2015	WITS HEALTH CONSORTIUM		R01AI115979	Analysis of National Lab Database to evaluate the HIV treatment rollout in South Africa	\$347,697
2015	UNIVERSITY OF CAPE TOWN		R21AI115993	Drug permeation and activity in Mycobacterium tuberculosis infected macrophages	\$160,246
2015	FDN INSTITUT DE RECERCA DE L'HOSP UNIV VALL D'HEBRON		R21AI118411	Characterization of in vivo resting CD4 T cells expressing HIV RNA in ART-treated individuals	\$162,000
2015	UNIVERSITY OF TORONTO		F32AI115947	Global analysis of Hsp90 client proteins in Candida albicans	\$7,850
2015	UNIVERSITY OF WESTERN ONTARIO		R01AI049170	Impact of HIV-1 fitness on disease progression	\$348,987
2015	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$193,428
2015	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$94,638
2015	THE GHESKIO CENTERS		UM1AI069421	GHEKIO HIV Clinical Trial Unit	\$919,160
2015	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	\$286,038
2015	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypan	\$133,240
2015	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI110183	Genetic analysis of unspliced HIV RNA produced during HDAC inhibitor therapy	\$140,400
2015	UNIVERSITY OF MONTREAL HOSPITAL		R21AI113096	TILDA: A new sensitive and precise assay to measure the size of the latent HIV reservoir	\$162,000
2015	Centre for the AIDS Programme of Research in South Afri		R21AI115978	Integrin a4b7 as a predictor of HIV acquisition and pathogenesis	\$161,647
2015	INFECTIOUS DISEASE SOCIETY KOTA KINABALU SABAH		R01AI116472	Comparative incidence and clinical spectrum of Plasmodium knowlesi malaria, a longitudinal study in Sabah, Malaysia	\$136,728
2015	Uganda Virus Research Institute		R01AI118368	IMMUNOLOGICAL AND VIRAL FACTORS ASSOCIATED WITH HIV-1 SUPERINFECTION	\$134,811
2015	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$132,732

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2015	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	\$339,496
2015	UNIVERSITY OF CAPE TOWN		R01AI115981	Timing of establishment of the HIV latent reservoir in subtype C infected women	\$350,000
2015	UNIVERSITY OF CAPE TOWN		U01AI115940	Inflammatory determinants of disease severity and treatment outcome in TB patients	\$174,714
2015	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$216,127
2015	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$1,239,733
2015	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$53,630
2015	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$135,000
2015	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,258,310
2015	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$1,190,932
2015	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$502,700
2015	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$1,606,511
2015	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$135,000
2015	ASOCIACION CIVIL SELVA AMAZONICA		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$307,000
2015	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$356,230
2015	UNIVERSITY OF MANITOBA		R01AI111805	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	\$679,120
2015	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	\$295,011
2015	UNIVERSITY OF QUEENSLAND		R33AI098731	Discovery of Polymyxin-based Antibacterial Agents Active Against Multi-Drug Resis	\$315,061
2015	Centre for the AIDS Programme of Research in South Afri		R01AI115983	Immune mediators associated with HPV clearance as predictors of HIV acquisition	\$147,073
2015	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116442	Versatile functions of LANA in KSHV pathogenesis	\$103,410
2015	Centre for the AIDS Programme of Research in South Afri		R21AI116759	Enhanced STI management to reduce genital inflammation and HIV risk	\$132,568
2015	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$1,160,092

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2015	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$220,032
2015	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$551,218
2015	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$269,936
2015	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	\$641,458
2015	STATENS SERUM INSTITUTE		R01AI093697	Genome-wide association study of febrile seizures following measles, mumps, rubel	\$92,703
2015	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$1
2015	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$131,918
2015	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	\$134,677
2015	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI110340	IL-17RA-signaling cytokines in the regulation of CD8 T cell immunity to T. cruzi	\$133,400
2015	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI110386	Host-Pathogen Interactions in a Failing Global lineage of MTBC:M.africanum	\$148,518
2015	INSTITUTO DE MEDICINA MOLECULAR		F32AI104252	Engineered liver platforms to study regulation of host microRNA in Plasmodium liv	\$7,850
2015	UNIVERSITY OF CAPE TOWN		U01AI116061	Risk assessment of HIV infected to HIV infected transplantation in SA	\$175,000
2015	UNIVERSITY HEALTH NETWORK		R21AI109627	Restoring antibody effector function during persistent virus infection	\$135,000
2015	UNIVERSITY OF CAPE TOWN		R21AI115977	Diversity of CD4+ Th subsets in TB immunity - Impact of HIV infection	\$138,830
2015	INSTITUT PASTEUR OF SHANGHAI, CHINESE ACADEMY OF SCI		R01AI116466	var gene regulation mechanisms in Malaria parasite Plasmodium falciparum	\$129,657
2015	WITS HEALTH CONSORTIUM		R21AI116015	Combining Xpert and GIS to identify areas of high tuberculosis transmission	\$222,424
2015	UNIVERSITY OF CAPE TOWN		R01AI116155	Pharmacometric optimization of second line drugs for MDR tuberculosis treatment	\$349,997
2015	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$1,661,149
2015	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	\$131,837
2015	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$299,958
2015	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI060561	Immune complexes: Origins and effects in HCV infection	\$270,000
2015	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	\$370,000
2015	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants' mechanisms	\$208,310
2015	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$127,436

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2015	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$133,190
2015	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$511,272
2015	Centre for the AIDS Programme of Research in South Afri		R01AI111936	Inflammation and HIV risk: understanding partial Tenofovir efficacy in CAPRISA004	\$566,160
2015	WITS HEALTH CONSORTIUM		U01AI116086	CAPRISA HIV-1 neutralizing antibodies: Harnessing ontogeny for immunogen design	\$174,892
2015	HOSPITAL FOR SICK CHILDREN, TORONTO		R21AI119116	Enzyme therapeutics for biofilm prevention and disruption	\$218,520
2015	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,619,744
2015	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI116432	Antibody-secreting cells in the regulation of T cell response to Trypanosoma cruzi	\$133,800
2015	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,080,500
2015	KENYA MEDICAL RESEARCH INSTITUTE		R01AI094580	EPIDEMIOLOGY OF CLINICAL MALARIA IN WESTERN KENYA HIGHLANDS	\$54,000
2015	FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$590,962
2015	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$2,046,610
2015	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$126,443
2015	UNIVERSITY OF CAMBRIDGE		R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$270,000
2015	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$135,000
2015	Universidade Eduardo Mondlane		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$149,426
2015	MU-JHU CARE LTD		R01AI118332	Bone Mineral Density in a Cohort of Young Women using Depo-provera and Tenofovir	\$117,392
2015	INDIAN INSTITUTE OF SCIENCE		R01AI118366	HIV-1 envelope structure, stability and dynamics probed by saturation mutagenesis	\$121,500
2015	UNIVERSITY OF TORONTO		R01AI117818	Discovery of novel surface biomarkers of latently HIV-infected cells using lamprey antibody technology	\$219,025
2015	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$241,687
2015	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$134,828
2015	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$272,444
2015	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$283,793
2015	MAHIDOL UNIVERSITY		R01AI099385	Innate immune mechanisms in dengue infection	\$130,899

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2015	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$270,000
2015	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$131,166
2015	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$1,022,484
2015	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		P50AI098507	Modeling Drug Induced Resistance in S. mansoni Endemic Areas	\$288,100
2015	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	\$838,537
2015	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$893,305
2015	SOUTHAMPTON UNIVERSITY		R33AI102239	Targeting matrix metalloproteinases to limit immunopathology in airborne infectio	\$377,585
2015	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	\$138,569
2015	UNIVERSIDAD DEL NORTE		R01AI110385	Mechanism of Respiratory Syncytial Virus Entry in Normal Human Bronchial Epitheli	\$110,496
2015	STELLENBOSCH UNIVERSITY		R01AI116039	Altered immune-endocrine axis in type 2 diabetes and tuberculosis risk	\$350,000
2015	MAHIDOL UNIVERSITY		U01AI115520	Determinants of Outcome and Recurrent Infections in Melioidosis	\$408,594
2015	UNIVERSIDAD PERUANA CAYETANO		R01AI116456	Use of bisphosphonates to reduce the calcification process in animal models of cysticercosis	\$133,640
2015	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,155,500
2015	KWAZULU NATAL RESEARCH INSTITUTE FOR TB-HIV		R21AI116142	Fate of M. tuberculosis Antibiotic Survivors	\$181,710
2015	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$270,230
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$545,519
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$366,250
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104952	HTS for bactericidal inhibitors of M. tuberculosis copper resistance mechanisms	\$367,500
2015	ALABAMA STATE UNIVERSITY	AL	R21AI111159	Mechanisms and protective efficacy of nanovaccines against Chlamydia trachomatis	\$182,173
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI113026	Tet1 activity and function in helper T cells	\$220,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116320	A novel source of mucosal T cells to study immunity in the female genital tract	\$219,795
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,507,599

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2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	\$33,017
2015	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$302,250
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI120500	Commensal-dependent maturation of the natural IgM repertoire	\$34,381
2015	AUBURN UNIVERSITY	AL	K22AI100983	Genetic determinants of virulence for fusariosis	\$160,002
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$366,250
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$3,597,088
2015	BIOPOWERTECH	AL	R43AI115939	A novel biomarker of infection in neutropenic cancer patients	\$311,003
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095439	Transcriptional regulation of T cell quiescence and activation	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	\$133,596
2015	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI020384	Genetic Analysis of Rickettsia prowazekii	\$476,547
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$435,803
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI104172	Hydrogen Peroxide and Capsule Production in Streptococcus pneumoniae	\$33,253
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI109001	Acquisition of HCMV from breast milk-correlates of protection	\$703,280
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110480	Regulation of T-cell dependent B cell responses to influenza	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110553	Roles of FCRL Molecules in Innate Immunity	\$183,750
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI117703	The pre-BCR CDR-H3 sensing site and H chain selection	\$220,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI113559	Analysis of the macrophage membrane proteome: effects of viral infection	\$73,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI113007	STAT4 regulation of effector CD4 T cells and CNS inflammation	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research (CFAR)	\$5,237,656
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F32AI120508	Establishment and metabolic control of influenza-specific lung-resident memory B cells	\$53,417
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$310,898
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$366,250
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106808	Complement Evasion by Group B Streptococcus	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$2,465,241

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2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$717,682
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$330,750
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118867	Alphavirus nsP3 protein: roles of intrinsically disordered region in virus replication and pathogenesis	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$153,125
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	\$1,077,315
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	\$458,792
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI108509	Randomized Controlled Trial of Treatment of Male Partners of Women with BV	\$584,770
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI105038	Structural and Functional Studies on the Platelet Adherence Protein A of Streptoc	\$183,750
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI107748	Role of TGFBR3 in T-cell development and immune response	\$183,750
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI111940	Heme oxygenase-1 and the bioenergetic threshold of latent TB and HIV co-infection	\$349,220
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	\$34,982
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104499	HTS for Synergistic Activators of Latent HIV-1 Infection	\$526,579
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$220,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109680	Antiviral Drug Discovery and Development Center - Overall	\$6,606,164
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI112566	A Rational Approach for HIV Vaccine T Cell Epitope Selection	\$462,568
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI108691	Emerging Antiviral Resistance in Congenital Cytomegalovirus Infection	\$150,224
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI102187	Host Factors Required for Dengue and Yellow Fever Virus Amplification	\$392,751
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI118805	Vaccine potential of the proline-rich domain of pneumococcal surface protein A	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$464,018
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Mechanism of prolate cos phage capsid size redirection by S. aureus pathogenicity islands	\$420,850
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFN α and IL-17	\$366,250
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$532,580
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$1,683,021

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2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of anti-viral B cell responses by IFN γ , T-bet and Eomes	\$214,452
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116584	Regulation of T cell responses to allergens and environmental microbes	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$157,669
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$367,500
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$2,097,687
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI106957	Pathogenesis of Bacterial Vaginosis in Women Who Have Sex with Women	\$168,283
2015	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI116738	Transcription and replication in nonsegmented negative-strand RNA viruses	\$367,500
2015	UNIVERSITY OF ALABAMA	AL	K22AI113106	Understanding CRISPR-cas regulation and its impact in staphylococci	\$161,241
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI113766	Virulence gene regulation in Staphylococcus aureus	\$248,332
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI112028	Proteomic analysis of S aureus biofilm in vivo	\$223,500
2015	ARKANSAS STATE UNIVERSITY	AR	R01AI119135	HuR regulates Th17 cells for promoting autoimmune neuroinflammation	\$340,000
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R21AI119532	Rrp2-dependent gene regulation in Borrelia burgdorferi	\$219,923
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R01AI119380	Impact of Staphylococcus aureus in osteomyelitis and bone physiology	\$369,022
2015	UNIVERSITY OF ARKANSAS SYSTEM	AR	R56AI118801	Mechanisms of Reovirus Bloodstream Dissemination	\$365,346
2015	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Ninth Biennial Meeting of the Chlamydia Basic Research Society	\$8,000
2015	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$368,985
2015	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$387,318
2015	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	K22AI104801	Functional Analysis of Regions of Introgression Between Species of Coccidioides	\$106,895
2015	ARIZONA STATE UNIVERSITY	AZ	R21AI119697	Targeting Peyer's Patches To Improve Salmonella Typhi Vaccine Immunogenicity	\$193,125
2015	ARIZONA STATE UNIVERSITY	AZ	R03AI111361	Isolation of Pathogenic Listeria	\$68,483
2015	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$692,150
2015	UNIVERSITY OF ARIZONA	AZ	R01AI108751	Mechanisms of L2-Mediated Membrane Translocation of the Papillomaviral Genome	\$358,327
2015	UNIVERSITY OF ARIZONA	AZ	R03AI119430	Role of herpes simplex virus polymerase DNA repair activity in viral replication	\$76,500
2015	ARIZONA STATE UNIVERSITY	AZ	R33AI101329	Bifunctional antibodies with targeted CNS delivery against West Nile Virus	\$446,804
2015	UNIVERSITY OF ARIZONA	AZ	R15AI113457	Role of interleukin-36gamma in genital HSV-2 pathogenesis	\$453,703

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	ARIZONA STATE UNIVERSITY	AZ	R01AI112680	Heterologous polysaccharide synthesis in attenuated Salmonella	\$185,495
2015	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$378,750
2015	UNIVERSITY OF ARIZONA	AZ	R01AI091843	On the Edge: Dengue and Climate	\$564,114
2015	UNIVERSITY OF ARIZONA	AZ	R21AI119187	Drug Discovery Targeting the Influenza A Virus M2-S31N Proton Channel	\$207,587
2015	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$188,030
2015	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$817,689
2015	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	\$378,750
2015	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$416,433
2015	VITALANT	AZ	R21AI107420	Serological prevalence of viral hemorrhagic fevers in Equatorial Africa	\$191,500
2015	UNIVERSITY OF ARIZONA	AZ	R21AI113526	TLR3, TICAM1 and human rhinovirus infection	\$189,375
2015	UNIVERSITY OF ARIZONA	AZ	R21AI117885	Vaccine Immunity to Attenuated Coccidioides	\$229,500
2015	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$115,465
2015	UNIVERSITY OF ARIZONA	AZ	R03AI111041	Role of nuclear pore protein in host transcription response to viral infection	\$75,750
2015	UNIVERSITY OF ARIZONA	AZ	R21AI111944	Tribal Warfare: Killing of pathogen N. gonorrhoeae by commensal N. elongata	\$236,242
2015	UNIVERSITY OF ARIZONA	AZ	R21AI119478	Redox stress responses in Clostridium difficile: mechanisms and implications	\$204,280
2015	UNIVERSITY OF ARIZONA	AZ	R13AI118248	Twenty Eighth Fungal Genetics Conference	\$6,000
2015	VITALANT	AZ	R56AI119056	Protective B-cell responses in chikungunya virus infection	\$436,413
2015	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	\$378,750
2015	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$378,750
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$411,840
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$386,250
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$193,058
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$348,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$386,250
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$328,442
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$372,582

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2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$386,315
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI114922	Inflammation-derived sugars lower resistance against Salmonella	\$233,876
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$387,500
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$392,792
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$492,288
2015	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$429,245
2015	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,265,474
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$477,601
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$741,270
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$389,293
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI091967	Virulence Mechanisms of Viral Bcl-2 Homologs	\$487,500
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$558,665
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$365,791
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	\$347,625
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	\$447,500
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$1,164,999
2015	STANFORD UNIVERSITY	CA	K23AI104401	Improving Kidney Transplant Outcomes Using Novel B-cell Immune Profiling	\$132,624
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methyltransferases	\$332,787
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$535,298
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$384,700
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114585	RBM3 regulation of type 2 innate lymphoid cells in allergic inflammation	\$475,350
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$444,959
2015	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$6,324,437
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$1,143,779

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2015	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$23,224,392
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$465,000
2015	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	\$770,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$131,490
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$395,521
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$1,604,376
2015	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	\$525,814
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	\$706,654
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$652,347
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI105344	Posttranscriptional regulation of TNFa by Carm1 in Macrophages	\$236,875
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$1,378,392
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI109270	Roles for host cytoskeletal, cell adhesion and membrane trafficking proteins in b	\$235,313
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI107765	Structure/Function Analysis of TOX, a Key Regulator of NK Cell Development	\$208,750
2015	STANFORD UNIVERSITY	CA	R21AI107082	Gamma delta T cells act as rheostats to modulate early B cell response	\$161,169
2015	CHILDRENS HOSPITAL OF LOS ANGELES	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$2,823,246
2015	ADAMAS PHARMACEUTICALS INC	CA	R33AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	\$483,247
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI110149	HIV-specific nucleases to reservoir cells	\$225,333
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI105797	The Role of microRNAs in Modulating Innate Immunity Signaling and Gut Homeostasis	\$243,750
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112513	mRNA as a mediator of immunological information transfer in vivo	\$221,751
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI113143	Interaction between innate and Th2 lymphocytes in helminth immunity	\$183,276
2015	J DAVID GLADSTONE INSTITUTES	CA	R01AI109593	Stochastic Gene Expression in Retroviral Latency	\$440,195
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI112248	Defensive strategies against the toxic effects of self-produced phenazine metabol	\$52,406
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109889	Rapid identification and antibiotic susceptibility testing of sepsis pathogens	\$222,008

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2015	STANFORD UNIVERSITY	CA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$179,874
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$268,800
2015	WAVE 80 BIOSCIENCES INC	CA	R43AI108062	Rapid No-Spin Chlamydia RNA Extraction via Filtering, Lysis and Monolith Binding	\$300,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$450,000
2015	MONOGRAM BIOSCIENCES INC	CA	R21AI114399	Assessing Potential Latent Virus HIV-1 Viability using Next Generation Sequencing	\$100,000
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101784	Targeting iron acquisition in Salmonella with siderophore-based immunization	\$183,880
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI110863	Temporal profiling of the functional phosphoproteome in M. tuberculosis infected	\$195,990
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI042819	Anti-MHC Effects on Endothelium	\$385,000
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$194,745
2015	SORRENTO THERAPEUTICS INC	CA	R41AI114252	Anti-Pseudomonas Immunotherapy and Targeted Drug Delivery	\$287,867
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI118141	Immuno-modulatory Approaches to Vaccine Adjuvants - An 2015 ACS Symposia	\$3,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119353	Mutant PTPN22 in autoimmune mice	\$379,000
2015	CEDARS-SINAI MEDICAL CENTER	CA	F32AI118360	Commensal Fungi in Asthma	\$52,406
2015	ARISAN THERAPEUTICS INC	CA	R43AI118207	Ebola Virus Entry Inhibitors	\$300,000
2015	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI119288	Novel cyclic lipopeptides for treating gram negative bacterial infections	\$222,958
2015	J DAVID GLADSTONE INSTITUTES	CA	R01AI118575	Chemoprophylaxis and HIV Host Interactions	\$665,091
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109677	Leptin and mTOR: metabolic partners in autoimmunity	\$231,000
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116415	Mesenchymal Stem Cell Therapy for Gut Mucosal Recovery in the SIV Model of AIDS	\$234,500
2015	PROSPECT CHARTERCARE RWMC LLC	CA	R03AI116402	In-vitro model to recapitulate the natural HIV-1 latency	\$55,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115486	Development of an unbiased method for NGS repertoire analyses from genomic DNA	\$94,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120527	Dissecting the contribution of SREBPs and lipid biosynthesis to inflammasome function	\$35,005
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI115348	Activity-Based Protein Profiling of Arenavirus-Host Interactions	\$236,875
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	K01AI119180	New Serological Measures of Infectious Disease Transmission Intensity	\$142,069
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116129	EPIGENETIC PROGRAMMING OF INNATE IMMUNITY IN PEDIATRIC AIRWAY EPITHELIUM	\$245,473
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI120846	Parasite dissemination in Toxoplasmic encephalitis	\$386,250

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2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI120838	Utility of Deep Sequencing for Detecting Heteroresistant Mycobacterium tuberculosis Infections among HIV-infected Persons	\$187,777
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI119125	MHC and KIR Region Genomics in Psoriasis	\$719,677
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI104262	Exploring the Role of Semen Amyloids in Promoting HIV Infection and Fertilization	\$249,000
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$422,028
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI116949	MicroRNA-23 Cluster Regulation of Helper T cell Differentiation and Function	\$164,994
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$416,250
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113923	Positive Immune-regulators During Chronic Viral Infections	\$467,657
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$668,177
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI118594	Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients	\$1,670,008
2015	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$365,546
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Sugar-feeding behavior of the malaria vector Nyssorhynchus darlingi and development of effective attractive toxic sugar baits (ATSB) to increase intervention success in Peru	\$1,600,717
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$423,671
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,308
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$310,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$387,500
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$388,819
2015	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$609,900
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$353,959
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,250
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$387,500
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$454,500
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,448,266
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$713,381

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2015	SCRIPPS RESEARCH INSTITUTE	CA	F32AI115879	Elucidating the functions of novel enhancer elements in the Ig kappa locus	\$56,042
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$386,250
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI076278	Innate immune response to bacterial flagellins	\$381,621
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$2,058,846
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$365,135
2015	UNIVERSITY OF CALIFORNIA	CA	R37AI032738	Novel Defensins in Human Epithelial Tissues	\$395,865
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI094251	Improving Early Identification of Drug Resistant Tuberculosis in HIV Prevalent Se	\$125,010
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI093163	Molecular Epidemiology of HIV-1 in the California-Mexico Border Region	\$128,928
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$476,196
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$1,815,669
2015	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	\$482,999
2015	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$1,027,579
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI095034	Molecular Epidemiology and Geospatial Analysis of TB Transmission in Uganda	\$127,440
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$373,815
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$412,291
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$470,095
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$2,046,978
2015	STANFORD UNIVERSITY	CA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$337,467
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$286,070
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI105374	The role of the circadian clock during Salmonella infection	\$193,125
2015	J DAVID GLADSTONE INSTITUTES	CA	F32AI104380	The Role of Transcriptional Noise in the Establishment of HIV-1 Latency	\$38,086
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$604,677
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Treg development and function controlled by cis-regulatory circuits	\$485,000

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2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI103021	Control of Airway Tolerance	\$442,500
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI106930	Innate immunity-based screen for bacterial type III secretion system inhibitors	\$444,326
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103299	Bartonella: dissecting niche-specific adaptation in a human pathogen	\$472,620
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$461,402
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110343	Functional Assessment of CTL Anergy in HIV Infection	\$192,500
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI112258	Detection of bacterial Type IV secretion by the unfolded protein response	\$117,313
2015	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R33AI098658	Combination Therapy using an Innovative Bioadhesive Polymeric Transmucosal Delive	\$509,947
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI103471	Measuring Phagosomal Temperatures	\$208,750
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI113033	Novel regulatory regions within the immunoglobulin kappa locus	\$236,875
2015	UNIVERSITY OF CALIFORNIA	CA	P01AI098670	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$1,533,290
2015	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$2,810,461
2015	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	\$578,185
2015	UNIVERSITY OF CALIFORNIA, MERCED	CA	R00AI100896	Genetic Analysis of the Transcriptional Network Governing C. albicans Biofilms	\$248,981
2015	STANFORD UNIVERSITY	CA	R01AI116059	Mechanisms of persistent Salmonella infection	\$399,088
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$2,394,018
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI029329	Enhancing the Intracellular Functioning of anti-HV RNAS	\$654,174
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114478	Determining whether TasP could eliminate HIV in resource-rich countries	\$154,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111662	Generation of recombinant thiopeptides to target antimicrobial-resistant bacteria	\$192,846
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI115714	Sofosbuvir and Ledipasvir in HIV/HCV Coinfected Pre and Post Liver Transplant	\$601,291
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116880	T cell activation and the breakdown of maternal-fetal tolerance in preterm labor	\$396,146
2015	AMPLYX PHARMACEUTICALS INC	CA	R44AI096844	A Combination Therapy Approach to Treating Drug Resistant Fungal Infections	\$750,723
2015	GIGAGEN INC	CA	R43AI120467	Recombinant Hyperimmune Gammaglobulin for Pneumococcal Disease	\$224,819

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	GIGAGEN INC	CA	R43AI115892	Production Technology for Recombinant Intravenous Immunoglobulin	\$225,000
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Induction of the Unfolded Protein Response by Brucella abortus VccC	\$383,740
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI110403	Regulation of T Follicular Helper Cell Differentiation by MicroRNAs	\$473,750
2015	TARGESON INC	CA	R43AI120426	Scalable Transfection Technology for Lymphocytes	\$224,228
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI120009	High-throughput Deep Sequencing Assay to Reliably Measure the HIV Reservoir during Antiretroviral Therapy	\$390,155
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI117378	B cell TLRs and germinal centers	\$237,750
2015	PANORAMA RESEARCH, INC	CA	R44AI109982	Antibody-Membrane Switch (AMS) technology for optimized antibody engineering	\$499,789
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI116368	Timing of ART and homeostasis of the persistent HIV reservoir in the adult	\$765,501
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI114965	Carboxypeptidase ACE and MHC Class I Presentation	\$218,229
2015	UNIVERSITY OF CALIFORNIA	CA	R56AI120739	Impact of chronic viral infections and altered microbiota on HIV vaccine efficacy	\$773,051
2015	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R43AI118009	Development of a thermostable rotavirus vaccine for mucosal delivery without need for reconstitution	\$147,981
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116377	Potential Protein Coding Regions in FIV Negative Strand RNA	\$284,250
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI117940	Mechanism of dysbiosis caused by AE Pathogens	\$234,750
2015	STANFORD UNIVERSITY	CA	DP2AI124336	Mosquitoes meet Microfluidics: Novel tools for Ecological Surveillance of Insect-borne Disease	\$2,225,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$30,959
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI118528	Developing Small Molecule Screens for Vif-APOBEC3 antagonists	\$198,021
2015	STANFORD UNIVERSITY	CA	F31AI118469	Defining the Natural Killer Cell Response to HIV	\$43,120
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$401,400
2015	GENEFLUIDICS INC	CA	R01AI117059	A fully integrated CentriFluidic system for direct bloodstream infection PID/AST	\$869,572
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$386,250
2015	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$453,663
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$379,362
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$402,380
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$294,768
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$473,750

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$386,079
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$487,500
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$442,500
2015	STANFORD UNIVERSITY	CA	U19AI057229	Influenza responses and repertoire in vaccination, infection and tonsil organoids.	\$4,299,740
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$369,480
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$384,252
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$115,839
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$376,370
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$111,626
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,897,196
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$385,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$1,009,442
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	\$181,332
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$445,180
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$2,526,785
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$525,760
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$711,152
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$429,400
2015	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$392,739
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$717,836
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI104247	Regulation of Listeria virulence gene expression by glutathione and hydrogen sulf	\$57,962
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	\$719,226
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$412,500
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095587	Host-Pathogen interactions between Salmonella and Toll-like receptors	\$383,813
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$397,130
2015	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$417,500
2015	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$137,160

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2015	UNIVERSITY OF SAN DIEGO	CA	R21AI107447	Functional Characterization of Suppressor of IKKepsilon	\$154,015
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI110692	Phosphatidylserine Receptors in Flavivirus Infection	\$480,000
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$442,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	HIV Viral Reservoirs and Monocyte Activation in HIV-Associated Atherosclerosis	\$181,528
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$391,327
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$408,750
2015	ARISAN THERAPEUTICS INC	CA	R43AI112097	Optimization of Arenavirus Antivirals	\$300,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	Role of microRNAs in regulatory T cell-mediated immunological tolerance and T cell	\$445,673
2015	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$1,363,549
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	\$628,602
2015	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$941,551
2015	MAPP BIOPHARMACEUTICAL INC	CA	R43AI114069	A human monoclonal for RSV prophylaxis	\$300,000
2015	MONOGRAM BIOSCIENCES INC	CA	R21AI114437	Quantitative Viral Outgrowth Assays with Improved Throughput and Performance	\$125,000
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI114261	Vibrio cholerae biofilms: structure, function, regulation and role in infection	\$475,031
2015	MAPP BIOPHARMACEUTICAL INC	CA	R44AI082744	An Immunoprotectant for Marburg Virus	\$999,998
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI112269	Toward enhancer therapy: Finding the keystone enhancers that distinguish CD4+ T cells	\$35,860
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109005	Controlling Drug Resistant Gonorrhea with Real-Time PCR Susceptibility Testing	\$195,050
2015	OSEL, INC	CA	R44AI100753	Delivery of passive immunity against HIV using commensal vaginal Lactobacillus bioengineered to secrete broadly neutralizing domain antibodies	\$1,388,546
2015	VITALEX BIOSCIENCES, LLC	CA	R41AI115907	Rapid Diagnostics for Mucormycosis	\$151,113
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI111435	An Integrated Tabletop Platform for Rapid Detection of XDR-TB in Clinical Samples	\$1,047,769
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI110505	The inductive role of Gs/Gi signaling in dendritic cell polarization and function	\$387,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI102825	HIV Cure with CCR5 (-) Human IPS Hematopoietic Stem Cells	\$697,354
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI106895	Regulation of Chronic Viral Infections	\$487,500
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI108597	Topology of the Host Genome	\$238,750

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI119220	Fluorescent barcoding to unravel T cell niche development during vaccination.	\$79,250
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$556,249
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114615	Coxsackieviral pancreatitis: autophagy, proteolysis, and inflammation	\$657,150
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119115	Maltose Targeted Antibiotics	\$204,553
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115701	Inferring physico-chemical constraints at individual sites in protein evolution	\$193,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI101539	Trispecific monoclonal antibody for botulinum neurotoxin intoxication therapy	\$451,492
2015	PAXVAX INC	CA	R44AI102787	HIV B-Cell Lineage Vaccine Design Based on Replicating SAd and Env Protein in NHP	\$801,463
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI110579	Antiviral immunity directed by virus-derived small silencing RNAs in mice	\$372,210
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R03AI110929	Structural Characterization of 4-1BB-Galectin-9 Complexes	\$88,500
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI118016	Function and assembly of the Ebola virus nucleocapsid	\$459,534
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117621	Role of germline transcription in V(D)J rearrangement	\$331,625
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI118540	Characterizing the binding between HIV-1 integrase and capsid and the role of the interaction in modulating the uncoating process	\$184,290
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112796	Non-canonical roles of the apoptotic caspases in T-cell activation	\$236,875
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119721	Inhibitors of Nitro Drug Targets as Antimicrobials against Trichomonas Vaginalis	\$215,600
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K99AI120851	Viral sequence and dynamic determinants of antibody breadth	\$124,200
2015	PANORAMA RESEARCH, INC	CA	R43AI120433	Monoclonal antibody for autoimmune disease	\$224,981
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI117345	The mechanism and biological consequence of ROS chemotaxis	\$227,118
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI112573	A structural approach to the study of viral Immune interference mechanisms	\$162,000
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R56AI116342	Tissue Reservoirs of HIV in Victims of Sudden Death	\$544,989
2015	STANFORD UNIVERSITY	CA	R21AI119893	Transcription factor control of Entamoeba development	\$197,708
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI118581	The role of antibody and the Fc neonatal receptor in transmitted/founder strain selection	\$545,573
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI118985	The structural plasticity of chemokine and gp120 recognition by CCR5	\$532,961
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI117675	Exploiting sites of vulnerability on influenza viruses	\$835,902
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI116064	Fetal-Maternal Histocompatibility and Autoimmune Disease	\$37,873

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2015	STANFORD UNIVERSITY	CA	R01AI118884	Role of Dendritic Cells in Mixed Chimerism and Tolerance	\$199,324
2015	CSU, CHICO RESEARCH FOUNDATION	CA	R15AI111307	Mechanism and Functional Impact of H5N1 Influenza Virus Replication in Macrophages	\$334,656
2015	STANFORD UNIVERSITY	CA	R01AI120766	Genome Editing by Homologous Recombination to Create HIV Resistant Immune System	\$199,958
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI117530	Structural basis of UL141 mediated NK cell inhibition by HCMV	\$265,500
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI115289	Tissue and lymphoid defects induced by Birc5 deletion in thymic epithelial cells.	\$288,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$259,625
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI114701	The effect of binding of fH to meningococcal fHbp vaccine on antibody protection	\$738,843
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117908	Ubiquitin and Psoriasis	\$395,730
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$341,385
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	Understanding Asthma Endotypes	\$1,579,126
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI114929	Tolerance defenses in host-microbiota interactions	\$485,000
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI116585	Role of TRIM9 brain-specific E3 ubiquitin ligase in Alzheimer's disease	\$411,979
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120464	Epigenetic control of virulence in a fungal meningitis pathogen	\$386,642
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$428,874
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$356,625
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$15,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$452,902
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$220,932
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$641,748
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,407,486
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$378,461
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$473,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$395,729
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$1,907,421
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$473,750
2015	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$770,920
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$333,112

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2015	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$547,677
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$321,155
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$459,297
2015	J DAVID GLADSTONE INSTITUTES	CA	F32AI116410	Harnessing Genetic Interactions to Uncover HIV-1 Rev Host Factors	\$54,194
2015	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$274,778
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,476,918
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$377,750
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$592,665
2015	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$586,348
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$442,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$396,250
2015	STANFORD UNIVERSITY	CA	R37AI036929	Actin-based motility of a bacterial pathogen	\$318,470
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhoea among young people: Implication for prevention	\$119,176
2015	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$914,216
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	\$693,573
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$495,000
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$2,422,882
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$966,226
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$14,597,140
2015	UNIVERSITY OF CALIFORNIA	CA	K22AI108814	"Biting" of human cells by Entamoeba histolytica: a novel cytotoxic mechanism	\$162,000
2015	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$480,000
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$383,750
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$385,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	\$131,760
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	\$473,750
2015	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	F32AI098418	Developing Hydra as a Model Organism for Viral Symbioses	\$62,666
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096852	Metabolic Regulation of T cell Immunity	\$387,500

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2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$393,380
2015	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$654,243
2015	SOCIOMETRICS CORPORATION	CA	R43AI114383	Promoting Best Practices through Capacity Building for ART Adherence in HIV Care	\$150,000
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$385,000
2015	PRIMITY INC	CA	R44AI091284	Cell-Based Screening for Multi-Functional Chemokine Receptor Modulators	\$553,012
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI108195	Immune responses to infection at the maternal-fetal interface	\$62,066
2015	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI112011	Silk-based Formulation for Microbicide Delivery	\$569,206
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI105007	Cyclophilins and the IFN Response	\$395,001
2015	MAPP BIOPHARMACEUTICAL INC	CA	R01AI111391	An Immunoprotectant for Argentine Hemorrhagic Fever	\$1,062,202
2015	UNIVERSITY OF CALIFORNIA	CA	F31AI112241	Mechanisms of Dysbiosis by Attaching and Effacing Pathogens	\$36,720
2015	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109150	Screening of Combinatorial Libraries for Complement C5 Inhibitors	\$273,000
2015	VLP BIOTECH INC	CA	R41AI106153	A molecularly targeted pre- and post-exposure vaccine for anthrax	\$249,612
2015	CHROMOLOGIC LLC	CA	R43AI108019	MicroRNA-Based Radiation Biodosimeter (MiRAD)	\$285,587
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: Motile to biofilm transition and transmission	\$629,175
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110261	Fitness Profile of HIV-1 Genome with Host Cofactor Selection Pressure	\$231,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI108351	Characterizing Privacy Perceptions and Risks in HIV Molecular Epidemiology	\$232,500
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109889	Rapid identification and antibiotic susceptibility testing of sepsis pathogens	\$0
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117556	Functional characterization of IL-40, a novel cytokine	\$231,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$982,619
2015	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI107936	A new approach to quantitative, point-of-care serology	\$362,428
2015	VENTRIA BIOSCIENCE	CA	R43AI106278	Oral rice-derived lactoferrin reduced the severity of Crohn's disease through anti-inflammatory regulation of T cells	\$307,506
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI109208	Development of Real-Time Cellular Screening Systems for BoNT Intoxication	\$446,375
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI108860	Human natural killer cell recognition of cytomegalovirus	\$231,209
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI109599	E-proteins and EBF1 in B cell differentiation	\$387,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	SEVIDENT INC	CA	R43AI109869	Development of a novel test for the early detection of Dengue Virus infection	\$277,652
2015	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$663,213
2015	STANFORD UNIVERSITY	CA	F32AI115950	Mechanisms of IL-1B secretion during microbial infection	\$52,406
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114255	In vivo imaging of T Cells using engineered antibodies and PET	\$231,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113295	Identification of natural products targeting new pathways in bacteria	\$691,470
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI116433	Nicking endonuclease-mediated gene drive in mosquitoes	\$193,125
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109081	Development of a structure-based HCV vaccine using a virus-like particle platform	\$284,250
2015	ARIDIS PHARMACEUTICALS LLC	CA	R43AI108083	Stable Vaccines Delivered on Oral Thin Films	\$282,803
2015	NEWOMICS INC	CA	R43AI106100	Senescence-Chips for Radiation Biodosimetry	\$299,999
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI114671	Next-generation 5-nitro heterocyclic antimicrobials against mucosal protists	\$637,431
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI119155	The role of fatty acid- and retinol-binding proteins in parasitic nematode infections.	\$160,734
2015	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval (CEDAR) - Overall	\$3,305,738
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI119743	Mechanisms and role of actin-based motility in Burkholderia virulence	\$202,489
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI114625	Development of siderophore-based vaccines against non-typhoidal Salmonella infection	\$353,978
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI119597	Epigenetic role of LANA in the establishment of KSHV latent infection	\$206,198
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI120819	Chemoprophylaxis for HIV Prevention: Analysis of Bone and Metabolic Effects	\$79,229
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119927	A novel thymic implant strategy to induce T cell reconstitution and immune tolerance for patients with complete DiGeorge Syndrome	\$231,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI112594	Protective antigens of Giardia lamblia	\$193,750
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI119339	Arf6 Inhibition as Novel Treatment for Multidrug Resistance Gram Negative Infections	\$164,250
2015	STANFORD UNIVERSITY	CA	R21AI111195	Multiplex clinical viral detection in formalin-fixed paraffin-embedded tissue samples	\$258,875
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI118432	Towards HIV eradication using a novel Tat inhibitor	\$473,960
2015	STANFORD UNIVERSITY	CA	U24AI118648	Miniaturized Automated Whole Blood Cellular Analysis System	\$399,941
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI110902	LAT-HVEM Interactions Effect HSV-1 Latency/Reactivation	\$231,750

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI120676	Discovery and characterization of innate immune pathways in placental trophoblasts	\$52,406
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	K22AI113060	Synthetically engineering population control systems in vectors of human disease	\$162,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI114916	Interferon-independent mechanisms of malaria restriction by helper T cells	\$237,750
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114730	Influenza virus receptors on human airway epithelial cells	\$316,948
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI116112	Interpreting a hard-won structure of the arenavirus prefusion glycoprotein	\$299,884
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$487,500
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI116576	Skin barrier function and the microbiome	\$188,312
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,864
2015	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$425,000
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$640,507
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$735,112
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$3,180,566
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$693,983
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$124,958
2015	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$556,762
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca ²⁺ signaling in T cells	\$454,500
2015	SCRIPPS RESEARCH INSTITUTE	CA	R03AI115127	Genes and pathways regulated by YY1 in early and late B cell differentiation	\$94,750
2015	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$353,250
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$435,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109809	Beyond translocation - non-canonical activities of bacterial signal peptidase	\$261,875
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$454,500
2015	LELAND STANFORD JUNIOR UNIVERSITY, BOARD OF TRUSTEES	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$439,134
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$387,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$457,761

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2015	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,787,207
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$443,441
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$348,750
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$376,992
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$373,607
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$706,414
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI091476	Therapeutic use of an enhanced form of CD4-Ig	\$842,384
2015	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$458,399
2015	TRELLIS BIOSCIENCE LLC	CA	R41AI120425	Therapeutic Antibodies for Biofilm Infections	\$224,946
2015	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$705,833
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$477,451
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$375,415
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$376,822
2015	TRELLIS BIOSCIENCE LLC	CA	R44AI102396	Therapeutic Antibodies for CMV	\$990,877
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$528,507
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI106230	PKCtheta-CD28 interaction: A novel drug target for autoimmunity and inflammation	\$7,886
2015	SCRIPPS RESEARCH INSTITUTE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$1,360,780
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI105845	Mitochondrial DNA Damage and Inflammasome Activation in Vascular Inflammation	\$250,500
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$611,999
2015	TUNITAS THERAPEUTICS INC	CA	R44AI092914	A Human Fc Bifunctional Fusion Protein to Treat Severe Allergic Asthma	\$1,000,000
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$446,957
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$346,500
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105340	A recombinant virus approach for gamma herpesvirus oncogenesis	\$205,885
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Steroid nuclear receptor coactivators in T cell differentiation	\$420,000

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111634	Host-Targeted Homoserine Lactone Inhibitor as Adjunctive Antipseudomonal Therapy	\$191,073
2015	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109545	Metronidazole resistance in Bacteroides fragilis: an integrated approach	\$153,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI110277	Microfluidic PCR Method to Identify and Characterize HIV-Infected Single Cells	\$247,779
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$183,061
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$188,719
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI110143	Novel flow cytometry-based assay for HIV-infected cells	\$210,643
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI112362	Hair measures to assess adherence and explain outcomes in an HIV clinical trial	\$153,558
2015	STANFORD UNIVERSITY	CA	F32AI110055	Identification and Characterization of Pathology Minimization Mechanisms During I	\$54,194
2015	PROSCI INC	CA	R43AI112484	Genetic Scaffolds Targeting the HIV Glycan Shield for an HIV Vaccine.	\$300,000
2015	STANFORD UNIVERSITY	CA	R21AI103722	Human Cytomegalovirus Entry Glycoprotein Complexes	\$200,625
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$442,500
2015	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI106987	Mechanisms for ligand binding by serine-rich adhesins of Gram-positive pathogens	\$685,451
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112293	Identifying NKT cell lipids of Chlamydia trachomatis and C. muridarum	\$227,423
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI109272	Modulation of Teff/Treg cells by novel PKC-theta allosteric inhibitory strategies	\$221,250
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI113117	A Novel Microfluidic HIV-1 Co-Culture Assay to Quantify Latent Reservoirs	\$253,875
2015	STANFORD UNIVERSITY	CA	F31AI118212	Research Career Development: Investigation of novel Staphylococcus aureus alpha-toxin targets at the cellular adherens junctions	\$34,658
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113270	Metabolic regulation of macrophage function during M. tuberculosis infection	\$382,857
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI118559	The Effect of Mixed-strain Mycobacterium tuberculosis Infections on TB Treatment Outcomes in Botswana: A Retrospective Cohort Study.	\$134,644
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI117303	Generation of a TCR transgenic mouse to study Chlamydia genital tract infection	\$230,192
2015	STANFORD UNIVERSITY	CA	R21AI120476	Role of Pseudouridylation in Toxoplasma Differentiation	\$240,750
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI112808	Impact of Maternal Obesity on the Neonatal Immune System	\$68,305

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2015	STANFORD UNIVERSITY	CA	R21AI115106	Argonaute function in Entamoeba histolytica	\$240,750
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI116257	New adjuvants to induce neutralizing HIV antibody responses	\$247,500
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R33AI100229	Hybrid integrated molecular analysis (HIMAS) for point-of-care diagnostics	\$463,258
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI119971	Mechanism-Based Wound Healing by Activation of gamma delta T Cells	\$229,927
2015	SCRIPPS RESEARCH INSTITUTE	CA	R56AI084817	Structure and dynamics of native HIV-1 envelope trimers	\$592,688
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI117061	Integrated Comprehensive Droplet Digital Detection (IC3D) system for rapid detection of bacteria and antimicrobial resistance	\$1,235,563
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI118547	Impact of antibody mediated phagocytosis on HIV-1 clearance	\$77,250
2015	CEDARS-SINAI MEDICAL CENTER	CA	R56AI117968	Interaction with Rip2 and Th17 in Chronic Inflammation	\$437,500
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI119791	Novel In Vitro and In Vivo Bioluminescent Assays of Giardia Cellular Functioning	\$211,163
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R33AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$412,857
2015	STANFORD UNIVERSITY	CA	R56AI116857	The Role of the LAT Locus in HSV-1 Infection of Human Skin Xenografts In Vivo	\$405,861
2015	J DAVID GLADSTONE INSTITUTES	CA	R56AI118574	Understanding How CD4 T Cells Die During HIV Infection	\$705,395
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R56AI021362	Viral Gastroenteritis: Basis of Virulence and Protection	\$506,185
2015	STANFORD UNIVERSITY	CA	F31AI120649	The role of Toxoplasma gondii amino acid hydroxylase 2 in chronic infection	\$34,742
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$473,750
2015	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$1,364,094
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$885,354
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI117064	Consortium for drug-resistant Gram-negative pathogen detection	\$1,154,056
2015	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$417,575
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI117941	Anti-HIV Gene Therapy: Defend and Attack	\$2,256,106
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$387,500
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$560,350
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI120694	Discovery of novel, ubiquitin-regulated mechanisms of TB control by macrophages	\$378,900

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2015	STANFORD UNIVERSITY	CA	R01AI108906	DNA Repair and Mitochondrial Dysfunction in T Cell Aging	\$434,419
2015	STANFORD UNIVERSITY	CA	U19AI116484	Stanford Cooperative Research Center for Novel, Alternative Model Systems for Enteric Diseases	\$1,009,601
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhotries in Host Cell Infection	\$377,882
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$387,500
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	How Listeria senses and responds to different host environments	\$383,457
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$1,431,765
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$391,979
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$354,925
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$310,763
2015	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Immunotherapy for Multi-Food Allergy	\$1,670,546
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$447,013
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$199,125
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$480,000
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$392,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI114787	Manipulating collectivity and Niches for Developing CD8 Immunity	\$446,833
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$341,081
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$513,230
2015	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$557,009
2015	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reprtoire Characterization in Celiac Disease	\$307,950
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Primary Immune Deficiency Treatment Consortium Annual Scientific Meeting	\$18,000
2015	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$133,191
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093640	Molecular dissection of Histoplasma-induced host-cell death	\$428,061
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	\$436,590
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	\$632,681
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$405,000

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2015	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	\$133,191
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of Cryptococcus neoformans	\$386,250
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,703,239
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$463,121
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI093768	Determining the Impact of SREBP on Adaptive Immunity	\$385,000
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI102715	The impact of antibody and pH on female-to-male SIV infection	\$663,075
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$473,750
2015	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$998,438
2015	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$417,500
2015	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	\$1,265,619
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI098488	Modeling Inflammation in HIV Transmission	\$1,013,349
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$352,688
2015	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$632,047
2015	STANFORD UNIVERSITY	CA	F32AI108089	Innate Immune Recognition and Type I IFN Response to Cytosolic Pathogens	\$268
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI103340	Stromal catalase deficiency as the causative factor in accelerated thymic atrophy	\$480,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q, allergic inflammation, and remodeling	\$387,500
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI108939	Genetic basis and pathogenicity of invasive growth in yeast	\$199,272
2015	MOLECULAR MEDICINE RESEARCH INSTITUTE	CA	R21AI105518	Positive allosteric modulation of the A2aR for treatment of acute inflammation	\$243,750
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107328	Role of Innate Lymphoid Cells in Autoimmunity	\$197,761
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI109947	2014 Midwinter Conference of Immunologists at Asilomar	\$6,000
2015	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$392,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$133,824
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$593,584

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2015	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$5,471,076
2015	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI111477	Integrated Cost-Effective Point of Care Nucleic Acid Testing for TB diagnosis	\$555,804
2015	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI113893	Re-engineering gp120 to include glycan-dependent epitopes	\$746,619
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI110271	Determinants of Functional Immune Defects in Treated HIV Infection and Aging	\$799,919
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105776	Newborn Screening for T-Cell Disorders: Spectrum and Outcomes	\$520,208
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113248	Fine-Scale Recombination Rate Variation in Anopheles gambiae	\$364,505
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI112016	Topical Microbicides: Targeted Intracellular Delivery	\$581,481
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI111661	Mitigating Resistance & Virulence in MRSA	\$188,122
2015	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$580,731
2015	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$451,752
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI109976	Genetic screens for key transcriptional regulators of antiviral T cell immunity	\$2,127,090
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$732,684
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$391,979
2015	MAPP BIOPHARMACEUTICAL INC	CA	R43AI115840	Pseudomonas antibodies with designed glycans	\$228,758
2015	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$473,750
2015	BIOSYNESIS, INC.	CA	R41AI112038	Development of Therapeutics to Treat Candida albicans Biofilm Infections	\$224,956
2015	SILVER LAKE RESEARCH CORPORATION	CA	R41AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$300,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117175	Profiling Serine Hydrolase Activity At The Virus-Host Interface	\$284,250
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI106874	The Microbiome Drives Masts Cell Recruitment in the Skin	\$432,935
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F32AI108097	Regulation of late genes and the transcriptional repressor protein EUO in Chlamyd	\$54,194
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI109452	The Role of Thymic Homing Dendritic Cells in Oral Tolerance	\$350,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$205,651
2015	MAPP BIOPHARMACEUTICAL INC	CA	R44AI081392	An SEB Immunoprotectant	\$1,000,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI112394	HIV-1 Modulation of the Ubiquitinome and Its Effects on Cell-to-Cell Transmission	\$188,849
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI107383	Development of a Novel Inhibitor of Enterovirus Replication	\$192,500
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U24AI117966	BioCADDIE: Biomedical and healthCARE Data Discovery and Indexing Engine center	\$3,940,888
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114433	Gene engineering using CRISPR/Cas9 mutagenesis to eliminate latent HIV-1	\$192,500
2015	RETROVIROX INC	CA	R44AI100778	An immune-based approach for HIV eradication	\$1,108,021
2015	J DAVID GLADSTONE INSTITUTES	CA	R01AI117864	Identification of HIV latency biomarkers with a dual fluorescence reporter HIV	\$705,007
2015	DIASSESS	CA	R41AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnos	\$299,748
2015	RADIANT GENOMICS INC	CA	R43AI118354	A Metagenomic Platform to Identify Amphotericin B Analogs	\$204,545
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI119459	Gold Compounds for the Topical Treatment of Trichomoniasis	\$310,000
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112722	Beta-Catenin Signaling in Liver Ischemia and Reperfusion Injury	\$192,500
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI116392	Cell Phone Video Directly Observed Therapy to Monitor Short Course LTBI Treatment	\$648,715
2015	ABREOS BIOSCIENCES INC	CA	R43AI118147	Cleavage Coupled Lateral Flow Immunoassay for Rapid Endotoxin Testing	\$214,428
2015	STANFORD UNIVERSITY	CA	R21AI119480	Structure and function of EBV protein complexes that trigger epithelial cell entry	\$264,750
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116121	Asthma, anxiety and GR abnormalities in non-human primates	\$210,920
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI118686	Structure-based immunogen design for hepatitis C virus	\$284,250
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U24AI118675	Multiplex in situ gene expression and phenotypical profiling of inflamed tissues	\$400,000
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI117174	Complex and evolving mechanisms of insecticide resistance in malaria vectors	\$234,126
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119134	THE MOLECULAR REGULATION OF NEUTROPHIL CALCIUM SIGNALING IN ACUTE LUNG INJURY	\$184,140
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI120855	Investigating interactions between efavirenz-based antiretroviral therapy and contraceptive implants	\$184,054
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI065902	New approaches to study Pseudomonas-host interactions	\$396,250
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI119916	Imaging immune-mediated liver rejection with Positron Emission Tomography	\$231,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI115273	B12 Autotrophy as a Virulence Mechanism in Infectious Leptospira	\$193,750

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2015	SAN FRANCISCO STATE UNIV	CA	R21AI116297	HIV Risk Among Trans Partners of MSM	\$255,018
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F31AI115889	Technology Development of Multiplex Substrate Profiling by Mass Spectrometry for Kinases and Application to the HIV-1 Tat - P-TEFb Interaction	\$34,558
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI115120	PLASMA BLASTS, XENOBIOTICS AND LOSS OF TOLERANCE	\$194,896
2015	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$294,328
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Developing Immunogens to Elicit Broadly Neutralizing anti-HIV-1 Antibodies	\$2,100,313
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI118592	Childhood Tuberculosis Infection Among School-Age Children in Rural Uganda	\$182,452
2015	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI120748	Systemic Sustained Release Delivery of Antiretroviral Agents for HIV Prevention	\$867,958
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI118584	TRIPAI: An innovative way to improve the health of infants by including fathers during prenatal care	\$181,207
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$396,429
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$103,303
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI118590	How did a vaccine enhance HIV acquisition	\$713,482
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$546,603
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$442,500
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$376,166
2015	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$393,160
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$386,250
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$380,000
2015	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$480,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$396,250
2015	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$310,765
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$446,000
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$460,751
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$377,205
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI115534	Anaphylaxis and IgE heterogeneity	\$273,475

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2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,920
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$204,900
2015	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$689,771
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$183,243
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$386,250
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$387,500
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$768,816
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and anergy	\$446,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$449,515
2015	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$1,058,086
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$741,769
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$416,250
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$661,348
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis P. aeruginosa biofilms	\$388,286
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$442,500
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI102567	Identifaction of the genetic basis of primaquine resistance in malaria parasites	\$56,042
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$178,016
2015	INSTITUTE FOR RARE & NEGLECTED DISEASES DRUG DISCOVERY	CA	R01AI103476	Development of HTS assay and screening paradigm to discover new kinase inhibitors	\$306,700
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$189,108
2015	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$391,652
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$737,660
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110306	Targeting Type I Interferon Immune Activation to Control HIV Infection in vivo	\$192,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$386,472
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI108713	Functional Plasticity in the Helicobacter pylori Type IV Secretion System	\$558,158

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$941,479
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI104513	Transmission pathways of the food-borne carcinogen <i>Opisthorchis viverrini</i>	\$217,765
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI110181	Public Health Implications of HIV Transmission Networks	\$133,527
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R56AI116885	Regulation of TH17 cell development and function by the REV-ERBs	\$480,000
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101566	Mining marine microbial natural products for anthelmintics leads	\$193,750
2015	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$617,625
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI113443	Viral Pathogenesis and Atherosclerosis	\$193,750
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI104916	Selective Inhibitors of Plasmodium Falciparum G6PD as Novel Antimalarials	\$397,976
2015	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNI	CA	R01AI111451	A Novel Live Non-replicating Universal Vaccine for Influenza	\$799,507
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI117555	A Transgenic Mouse Line to Map Cell-Type Specific Calcium Signals In Vivo	\$193,125
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI114397	Involvement of the C-terminus of HIV-1 Vpu in Enhancement of Virion Release	\$174,000
2015	CALASIA PHARMACEUTICALS INC	CA	R43AI114084	Development of Flavivirus Antivirals Targeting Dengue Virus and WNV Protease	\$300,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI110621	Analyzing the effects of type I interferons in the enterovirus-infected heart	\$664,683
2015	MOLECULAR EXPRESS, INC	CA	R43AI115828	Development of a Vaccine for the Prevention of Pulmonary Aspergillosis	\$329,911
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114401	Eliciting antibodies to probe native trimeric gp41 for HIV vaccine design	\$565,076
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112375	T follicular regulatory cells, a potential HIV reservoir.	\$192,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI117001	Pharmacodynamics of Antimalarial Chemoprevention	\$700,237
2015	UNIVERSITY OF CALIFORNIA	CA	F32AI114176	Identifying contexts that improve Wolbachia as a biocontrol of vector-borne disea	\$52,406
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI118451	Reservoir depletion and anti-retroviral therapy for infant functional cure	\$669,787
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI117563	Genetic Dissection of arenavirus-induced lethality	\$284,250
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI112445	Exacerbation of colitis by Enterobacteriaceae	\$390,000
2015	STANFORD UNIVERSITY	CA	R03AI116408	New Mechanisms of Protease Inhibitors Resistance	\$80,250
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI112462	Structural/biophysical characterization of a potent HIV transcription inhibitor	\$305,672
2015	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112714	Mechanochemical studies of adenovirus cell entry	\$245,500

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2015	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI118464	B-1 B cell responses to oligomannosyl antigens of HIV-1	\$883,603
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI117879	Mother-child genetic contributions to autoimmunity	\$211,168
2015	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI119728	Transcriptional control of Intestinal CD4+ T cell adaption	\$288,000
2015	PLANET BIOTECHNOLOGY INC	CA	R44AI114023	A MERS-CoV Receptor Decoy	\$801,833
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI123082	Preclinical Development of MucoCept	\$898,037
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116295	The impact of TB co-infection on the reservoir of persistent HIV in vivo	\$239,551
2015	STANFORD UNIVERSITY	CA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$405,334
2015	STANFORD UNIVERSITY	CA	R01AI116698	Selection of New rAAV Vectors Using Replicating Viral Capsids Libraries	\$593,119
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$230,847
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,096,878
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$391,979
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$488,183
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$505,177
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$724,055
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$667,403
2015	GIGAGEN INC	CA	R43AI120313	An Advanced Tool for Immune Cell Analysis Using Microfluidics	\$225,000
2015	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$447,653
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$454,500
2015	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$355,059
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$386,250
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$370,348
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$415,000
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$473,750
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$241,478
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$454,500
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$548,397
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,543,499

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2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$301,556
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI118288	Cell-type specific control of immune responses mediated by inflammasomes in vivo	\$36,796
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$500,637
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	\$5,807,143
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$191,875
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$73,685
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$386,250
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$1,154,896
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen Processing in the Secretory Pathway	\$374,528
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$1,875,346
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$575,561
2015	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	\$494,630
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$405,000
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$537,895
2015	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$410,000
2015	STANFORD UNIVERSITY	CA	K08AI097322	Antivirals for Hepatitis C Targeting Phosphoinositide Metabolism	\$133,191
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$424,438
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$636,759
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$385,000
2015	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	\$179,874
2015	THE UNIVERSITY CORPORATION	CA	SC2AI109500	Engineering isobutylamine N-hydroxylase for applications in antibiotic biosynthes	\$141,561
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$323,209

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2015	STANFORD UNIVERSITY	CA	R21AI112962	Role of c-Myc up-regulation in Toxoplasma infection	\$237,317
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	\$526,387
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$473,750
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$433,925
2015	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$5,557,936
2015	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI110162	Inhibiting Immune Evasion by HIV-1 Nef to Facilitate Eradication	\$189,015
2015	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI110782	Role of host cell protein TDP2 as VPg unlinkase during picornavirus replication	\$368,863
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI120032	Understanding Molecular Pathways for Fetal T Cell Development and Function	\$237,750
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$383,222
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107200	Plasmodium Falciparum Infection and Interference with Effective B Cell Memory	\$198,073
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI110713	Analyzing a novel mechanism of action of bacterial cAMP producing toxins	\$537,892
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI103218	How do enteroviruses almost completely evade the attentions of CD8+ T cells?	\$414,668
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI106298	DIFFERENTIATION AND ANTI-VIRAL PROTECTIVE AND PATHOGENIC ROLES OF CD4 CTL	\$442,500
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112812	Nicotinamide-An Immune-Boosting Agent to Combat Antibiotic-Resistant Pathogens	\$255,000
2015	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	\$592,829
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI109499	Engineering Mesenchymal Stem Cell Microenvironments to Promote Immunomodulation	\$283,950
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI114363	Evaluation of novel tuberculosis screening strategies for people living with HIV	\$181,867
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$383,212
2015	J DAVID GLADSTONE INSTITUTES	CA	R01AI097552	Role of Lipid Droplets in Hepatitis C Virus Infection	\$477,500
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI109611	Experiment & Theory to Test an Evolutionary Fitness Role for Lentiviral Latency	\$241,477
2015	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$3,333,050
2015	SCRIPPS RESEARCH INSTITUTE	CA	R01AI113867	Glycan dependent epitopes of HIV broadly neutralizing antibodies	\$947,498

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profile of Human Immune Cells	\$1,205,532
2015	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI113009	Explore FOXP3's role in the 3D organization of the genome	\$219,667
2015	J DAVID GLADSTONE INSTITUTES	CA	R21AI108953	Longitudinal and functional dynamics of autoimmune gut microbiomes	\$236,258
2015	STANFORD UNIVERSITY	CA	R21AI117171	Tools for regulated gene expression in Entamoeba invadens	\$240,750
2015	SIXAL INC	CA	R44AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$749,892
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$6,426,855
2015	AMPLYX PHARMACEUTICALS INC	CA	R44AI106235	Developing a New Therapeutic for the Treatment of Invasive Aspergillosis	\$749,985
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI120691	Allostery and Hijacking of Host Membrane Traffic by HIV-1 Accessory Proteins	\$582,977
2015	LAWRENCE BERKELEY LABORATORY	CA	R01AI114975	Characterization and disruption of bacterial microcompartment shells from human pathogens	\$363,600
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI116252	Characterization of Gallic Acid as a Novel HIV Microbicide Candidate	\$237,750
2015	UNIVERSITY OF CALIFORNIA	CA	R21AI116230	Effective lethal agents for CCR5+ expressing cells	\$199,857
2015	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112826	The role of the inflammasome in plasmacytoid dendritic cells during bacterial infection	\$218,229
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI117777	Very long chain fatty acid biosynthesis in Mycobacterium tuberculosis	\$170,868
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI110435	Phase IIa Clinical Trial of the Reprofiled Drug Auranofin for GI Protozoa	\$629,075
2015	MOLECULAR EXPRESS, INC	CA	R43AI118123	Design and Engineering of Nanoparticulate Universal Vaccines	\$290,263
2015	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R56AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$433,969
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI116493	Optimal Strategies for HIV Treatment and Prevention in Sub-Saharan Africa	\$299,181
2015	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI106695	Protective immunity following dengue virus natural infections and vaccination	\$2,106,690
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI115658	Addressing the Global Burden of Leptospirosis in Two Endemic Countries	\$210,000
2015	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI115271	Identification of Genes that Cause Sterility in Male Malaria Mosquitoes	\$182,969
2015	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	U01AI115715	Mucosal and Systemic Immune Responses to Influenza Virus	\$427,852
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI113272	Regulation of Innate Immune Signaling by Lyn Kinase	\$395,730

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2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI119434	Novel Role of Enterovirus 71 VP4 in Modulation of Cell Death Pathways	\$184,054
2015	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$387,500
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$3,078,540
2015	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F30AI120517	Dissecting the role of Janus Kinases in Common Cytokine Receptor γ -chain signaling in T-cells using chemical genetics	\$35,005
2015	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI118626	Human immune signatures of Dengue virus and Mycobacterium Tuberculosis exposure in infection, disease and vaccination	\$2,878,656
2015	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$443,988
2015	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$378,400
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F31AI115920	Mouse polyomavirus (MPyV) activation of intracellular signaling pathways upon binding to cell surface gangliosides and the alpha-4-integrin receptor	\$37,684
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI042189	Enterovirus RNA translation and replication.	\$382,446
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI114057	Autoimmunity and Tolerance	\$8,000
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI116024	Antibodies as Drugs: Immunological Scaffolds as Therapeutics	\$10,000
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$349,891
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$464,562
2015	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$493,620
2015	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$646,115
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI110777	Role of Target DNA sequences in mutation and DNA Break Generation	\$193,958
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI099029	Mapping the Critical Epitopes of Ara h 2 and Ara h 6	\$390,538
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI102264	IFNGR Down Regulation as a Host Target for Therapy of Infectious Diseases	\$367,624
2015	CORGENIX MEDICAL CORPORATION	CO	R44AI088843	Recombinant antigen diagnostics for filoviruses	\$1,000,000
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$33,720
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108725	Mechanisms of immune suppression during arthritogenic alphavirus infections	\$382,312

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2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R33AI101064	Identification and evaluation of novel therapeutic targets for virus-induced neuronal disease	\$466,073
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115919	Dendritic Cells and Macrophages Reunited	\$3,000
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI114099	Host Response in Tuberculosis	\$8,000
2015	COLORADO STATE UNIVERSITY	CO	R21AI119670	Mycobacterium Tuberculosis Cell Wall Assembly	\$187,500
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI116010	Innate Immunity and Determinants of Microbial Pathogenesis	\$8,000
2015	NATIONAL JEWISH HEALTH	CO	R21AI119942	Role of Islet-Infiltrating Lymphocytes in Obesity	\$198,125
2015	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI116993	Ultrarapid culture-independent detection of high-priority carbapenem resistant Enterobacteriaceae directly from blood	\$1,150,815
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$417,319
2015	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$228,938
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	\$375,711
2015	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$1,000,000
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	\$77,708
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$470,233
2015	COLORADO STATE UNIVERSITY	CO	R21AI109463	The Role of RNAi in Aedes aegypti on Dengue Evolution	\$218,963
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115998	Co-Infection: A Global Challenge for Disease Control	\$6,000
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI114075	Natural killer cell-derived IL-10 and immunity to Listeria	\$54,194
2015	COLORADO STATE UNIVERSITY	CO	R33AI100228	Metabolic biomarkers and biosignatures for improved diagnosis of Lyme disease	\$453,098
2015	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$371,250
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI117949	The Arthropod Vector: The Controller of Transmission	\$5,000
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$388,021
2015	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$396,250
2015	COLORADO STATE UNIVERSITY	CO	R01AI094349	Ivermectin for Malaria Control	\$502,622
2015	COLORADO STATE UNIVERSITY	CO	R21AI106779	BCG efficacy against W-Beijing TB strains	\$223,050
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$412,744

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2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI117918	Lymphatic endothelial cell capture and maintenance of antigen	\$382,048
2015	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI120548	Fifteenth Annual Meeting of the Rocky Mountain Virology Association	\$5,500
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$450,656
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$124,284
2015	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$931,429
2015	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$396,250
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$179,350
2015	COLORADO STATE UNIVERSITY	CO	R21AI111588	Imaging viral RNA genome replication at the single molecule level	\$181,584
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$462,794
2015	COLORADO STATE UNIVERSITY	CO	R33AI100186	Metabolomics-based discovery of small molecule biomarkers for noninvasive dengue	\$404,827
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115778	Gram-Negative Resistance	\$3,000
2015	NATIONAL JEWISH HEALTH	CO	U19AI117673	Overall Atopic Dermatitis Research Network	\$5,999,999
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$416,678
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$375,299
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$370,173
2015	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$355,434
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115898	The Golden Anniversary of B Cell Discovery	\$15,000
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115820	Mechanisms of Pro-Inflammatory Diseases	\$11,000
2015	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$367,161
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI116250	Mechanisms of HIV Persistence: Implications for a Cure	\$18,000
2015	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	\$553,403
2015	NATIONAL JEWISH HEALTH	CO	R21AI113122	Somatic Mutagenesis in Autoimmunity	\$202,783
2015	COLORADO STATE UNIVERSITY	CO	R21AI105585	siRNA-nanoparticles host targeted immunotherapy for tuberculosis	\$187,395

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2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI115994	T Cells: Regulation and Effector Function	\$3,000
2015	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$396,250
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI120458	Population heterogeneity in Mycobacterium tuberculosis	\$194,323
2015	COLORADO STATE UNIVERSITY	CO	U01AI115619	Biology and Biosignatures of Anti-Tuberculosis Treatment Response	\$660,556
2015	COLORADO STATE UNIVERSITY	CO	R01AI114675	A High-Throughput Screen for Antiviral Inhibitors of the Alphavirus RNA Capping Enzyme	\$371,750
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114054	Chromatin diminution in nematodes	\$313,342
2015	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$396,858
2015	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$222,155
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$686,962
2015	BOLDER BIOTECHNOLOGY, INC	CO	R44AI084288	Long-Acting G-CSF Analog for Treating ARS	\$1,196,000
2015	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI114151	Viral Immunity	\$15,000
2015	COLORADO STATE UNIVERSITY	CO	R21AI109238	Environmental mycobacteria and BCG interference	\$223,050
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	\$56,042
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	U01AI106499	PrEP and ART adherence monitoring using dried blood spots	\$683,429
2015	COLORADO STATE UNIVERSITY	CO	R21AI107254	Therapeutic Restoration of Metabolic Homeostasis During Active TB	\$185,875
2015	COLORADO STATE UNIVERSITY	CO	R03AI108392	Assay Optimization for Identification of Novel HIV-1 Protease Autoprocessing Inhi	\$74,350
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI114903	Centralized IIS-Based Reminder-Recall to Increase Influenza Vaccination Rates	\$770,494
2015	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI110895	Transcriptional Responses Induced by Polyomavirus Attachment and Entry	\$188,382
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$388,542
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$385,531
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007405	Training Program in Immunology	\$397,350
2015	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$187,278
2015	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$130,274

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2015	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	\$39,916
2015	INDEVR LLC	CO	R44AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$1,030,988
2015	INDEVR LLC	CO	R43AI106054	INNOVATIVE OPTICAL SYSTEM FOR HEMAGGLUTINATION ASSAYS	\$300,000
2015	COLORADO STATE UNIVERSITY	CO	R21AI112486	Oral Induction of Mucosal and Systemic Antibodies Against HIV-1 gp41 MPER	\$185,875
2015	COLORADO STATE UNIVERSITY	CO	R21AI111168	Minipigs as animal model for infant TB and vaccine efficacy	\$185,875
2015	NATIONAL JEWISH HEALTH	CO	R21AI109219	Lipid Ligands of SPLUNC1 Proteins	\$198,125
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R56AI116271	HIV-Associated Interferon Effector Mechanisms in the GALT	\$490,838
2015	COLORADO STATE UNIVERSITY	CO	R01AI116525	MmpL3 as a target for novel anti-TB agents	\$538,629
2015	NATIONAL JEWISH HEALTH	CO	R21AI119932	Role of Formins in Islet Infiltration in Type 1 Diabetes	\$198,125
2015	COLORADO STATE UNIVERSITY	CO	R03AI115171	Exploring HCV infection in engineered cultures of iPSC-derived human liver cells	\$48,645
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$463,014
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	T32AI007447	Colorado HIV Research Training Program	\$197,662
2015	COLORADO STATE UNIVERSITY	CO	R21AI119567	Unraveling the Origin of Pyrazinamide's Synergy with other anti-TB Drugs	\$230,610
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infecti	\$301,571
2015	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$122,850
2015	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$394,505
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$845,761
2015	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$404,458
2015	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$1,474,019
2015	NATIONAL JEWISH HEALTH	CO	R01AI110408	Reversal of Inflammatory Processes in CGD	\$396,250
2015	NATIONAL JEWISH HEALTH	CO	R21AI107503	The TRPM2 Ion Channel in Hepatic Innate Immunity	\$198,125
2015	COLORADO STATE UNIVERSITY	CO	R01AI112956	Detection and Characterization of Blood-borne Prions	\$428,415
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI112418	Immunological impact of Tetherin retrovirus restriction	\$194,375
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI112792	Elucidation of conformational epitopes of peanut allergens essential for allergic reactions	\$233,250

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2015	NATIONAL JEWISH HEALTH	CO	R21AI115696	Regulation of V(D)J Recombination by Arginine Methylation	\$237,750
2015	COLORADO STATE UNIVERSITY	CO	R01AI120021	An Ultrasensitive In Vivo Latent HIV Viral Outgrowth Assay Using Humanized Mice	\$662,947
2015	REGENTS OF THE UNIVERSITY OF COLORADO, THE	CO	R21AI115288	Identifying parasite reservoirs in areas approaching elimination	\$230,940
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$541,599
2015	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$415,725
2015	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$416,250
2015	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$416,250
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109447	Preparation of trypanosome cdc2-related kinase 9 for high throughput screening	\$256,846
2015	YALE UNIVERSITY	CT	R21AI113606	Structure of the Chemokine Receptor CXCR3	\$208,125
2015	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R44AI091089	Synthetic microparticle malaria vaccine	\$1,328,587
2015	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$403,316
2015	YALE UNIVERSITY	CT	R01AI114760	Biogenesis of the Coxiella-containing vacuole	\$416,778
2015	YALE UNIVERSITY	CT	K08AI119142	Role of Ire1alpha in Resistance to Viral-Induced Apoptosis	\$179,874
2015	YALE UNIVERSITY	CT	F32AI114132	The essential role of gamma-secretase in human papillomavirus infection	\$54,194
2015	YALE UNIVERSITY	CT	R56AI114780	Mechanisms of autoantibody production in myasthenia gravis	\$416,250
2015	YALE UNIVERSITY	CT	U01AI115648	Control of Tsetse Fly Transmitted Diseases in Kenya	\$755,001
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$640,207
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$477,374
2015	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$691,699
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$399,221
2015	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$488,245
2015	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$407,925
2015	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$211,134
2015	YALE UNIVERSITY	CT	R33AI100191	A New Cytokine-Based Immunoassay for the Diagnosis of Lyme Disease	\$485,868
2015	YALE UNIVERSITY	CT	R21AI115066	Rab protein functions that impact Coxiella intracellular replication	\$249,750
2015	YALE UNIVERSITY	CT	R56AI110449	Forecasting pneumococcal serotype frequencies to develop adult-specific vaccines	\$426,511
2015	YALE UNIVERSITY	CT	U01AI115595	Genetic Studies of Dengue Vectors in Brazil	\$667,628

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2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI124234	Role of IRAK-4 in Rheumatoid Arthritis	\$199,375
2015	WESLEYAN UNIVERSITY	CT	R15AI119907	Inhibition of HeptosyltransferaseI for the treatment of Gram-negative bacterial infection	\$492,900
2015	YALE UNIVERSITY	CT	R21AI119119	TESTING A NOVEL APPROACH TOWARD A MULTIVALENT CHIKUNGUNYA/DENGUE VACCINE	\$208,125
2015	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$400,279
2015	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$392,699
2015	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$416,250
2015	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$448,598
2015	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$416,250
2015	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$570,845
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	\$2,668,025
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	\$325,930
2015	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$742,405
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$379,260
2015	YALE UNIVERSITY	CT	R01AI104824	Human-centered Design and Communities of Practice to Improve Delivery of Home-based TB Contact Investigation in Uganda	\$598,779
2015	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammsome regulators during mammalian host defense	\$416,250
2015	YALE UNIVERSITY	CT	R21AI109163	CaM-regulated chromatin remodeling: mechanisms, generality and in vivo functions	\$208,125
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F30AI110060	The role of CITFA-2 in RNA polymerase I transcription in Trypanosoma brucei	\$34,792
2015	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$505,354
2015	YALE UNIVERSITY	CT	R21AI117333	Intrabodies that prevent or disrupt biofilms	\$249,749
2015	YALE UNIVERSITY	CT	R56AI042236	Co-opting ancestral regulatory systems to control bacterial virulence	\$368,148
2015	YALE UNIVERSITY	CT	F31AI120486	Mechanism of endosomal membrane penetration by Human Papillomavirus 16	\$43,120
2015	CONNECTICUT AGRICULTURAL EXPERIMENT STATION, THE	CT	K22AI099042	The role of autophagy in Aedes aegypti vector competence for dengue virus type 2	\$162,000
2015	YALE UNIVERSITY	CT	R21AI112938	Probing the natural genomic diversity of Babesia microti	\$208,125

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	YALE UNIVERSITY	CT	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$83,348
2015	YALE UNIVERSITY	CT	R01AI122448	B Cell Memory Regulation by Bone Morphogenetic Protein Receptor 1A	\$457,875
2015	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$416,250
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$474,165
2015	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$270,545
2015	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	\$133,937
2015	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$409,682
2015	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$499,689
2015	VAXINNATE CORPORATION	CT	R01AI105206	Development of a Recombinant Tetravalent Dengue Vaccine Based on a Subunit Envelo	\$754,080
2015	L2DIAGNOSTICS, LLC	CT	R44AI096598	Diagnostic Assays for early Lyme Borreliosis using in-vivo expressed antigens	\$825,690
2015	YALE UNIVERSITY	CT	R01AI112443	In vivo genomic editing of hematopoietic cells for HIV resistance	\$607,873
2015	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$416,250
2015	YALE UNIVERSITY	CT	R21AI109486	Development of novel therapeutics for Babesia microti infection	\$249,750
2015	YALE UNIVERSITY	CT	F31AI116322	Human PrimPol: A Novel Mechanism of Antiviral Toxicity	\$36,720
2015	YALE UNIVERSITY	CT	R21AI112810	Campylobacter jejuni colonization and the resident microbiota	\$249,750
2015	YALE UNIVERSITY	CT	F32AI114095	Determining the structure of the HIV-1 initiation complex	\$50,690
2015	NEW ENGLAND DISCOVERY PARTNERS, LLC	CT	R43AI115951	Small molecule inhibitors of group II introns for treatment of fungal infections	\$224,015
2015	YALE UNIVERSITY	CT	R56AI120369	Mechanisms regulating innate immune responses	\$416,250
2015	YALE UNIVERSITY	CT	R01AI104739	COMPUTATIONAL TOOLS FOR THE ANALYSIS OF HIGH-THROUGHPUT IMMUNOGLOBULIN SEQUENCING EXPERIMENTS	\$407,602
2015	YALE UNIVERSITY	CT	R01AI118855	Human Gut Commensal Cross-reactivity in Antiphospholipid Syndrome	\$422,919
2015	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$493,774
2015	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$374,625
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$342,414
2015	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$229,148

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$191,250
2015	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$416,250
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$451,056
2015	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$393,308
2015	YALE UNIVERSITY	CT	K99AI120845	Molecular basis of HIV restriction by SAMHD1	\$104,695
2015	UNIVERSITY OF CONNECTICUT	CT	R01AI111957	Antimetabolites Effective against Resistant Gram-positive Bacteria	\$543,157
2015	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$416,250
2015	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$416,250
2015	L2DIAGNOSTICS, LLC	CT	R44AI085725	A serologic assay to measure successful Lyme borreliosis antibiotic therapy	\$879,662
2015	YALE UNIVERSITY	CT	R21AI119813	Expanding the genetic code in Salmonella	\$249,750
2015	L2DIAGNOSTICS, LLC	CT	R41AI112133	A Multivalent Lyme Disease Vaccine Targeting Tick-Host-Pathogen Interactions	\$299,998
2015	YALE UNIVERSITY	CT	F30AI112218	Modulation of vascular endothelial alloimmunogenicity by nanoparticle-mediated ge	\$43,120
2015	YALE UNIVERSITY	CT	R21AI119837	The role of GILT in the generation of reactive oxygen species	\$208,125
2015	YALE UNIVERSITY	CT	R56AI114859	Borrelia Miyamotoi Infection in Mice and Humans	\$670,392
2015	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$566,172
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$382,409
2015	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$356,913
2015	YALE UNIVERSITY	CT	R21AI109263	Expanding the toolbox for tsetse reproductive biology	\$185,827
2015	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$416,250
2015	YALE UNIVERSITY	CT	F31AI114245	Rodent Population Dynamics and Leptospirosis Infection in Urban Slum Environments	\$27,734
2015	YALE UNIVERSITY	CT	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$1
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109188	Mechanisms controlling memory CD8 T cell recognition of autoantigen	\$199,375
2015	YALE UNIVERSITY	CT	R01AI105097	Thymic adipogenesis and age-related thymic demise	\$416,250
2015	YALE UNIVERSITY	CT	R21AI116381	Recruitment of host noncoding RNAs by HIV-1	\$220,498
2015	YALE UNIVERSITY	CT	R21AI120113	Bacterial effectors as probes to study (+) RNA virus-host cell biology	\$249,750
2015	YALE UNIVERSITY	CT	K08AI119139	Cell Death and Cross-Protection in Rhinovirus Infection	\$179,874
2015	YALE UNIVERSITY	CT	F32AI114097	Rare genetic variants associated with virus-induced asthma susceptibility	\$64,466

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2015	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$129,522
2015	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$374,625
2015	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$185,478
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$4,263
2015	YALE UNIVERSITY	CT	R01AI116313	Recognition of Viral DNA by APOBEC3 Proteins and their Antagonization by HIV Vif	\$414,880
2015	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$416,250
2015	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$611,999
2015	YALE UNIVERSITY	CT	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$591,645
2015	YALE UNIVERSITY	CT	R01AI112970	Model-guided assessment of rotavirus vaccine impact in developing countries	\$404,745
2015	LIFEPHARMS INC	CT	R44AI098708	Antifungal therapy against drug resistant fungal pathogens.	\$774,112
2015	YALE UNIVERSITY	CT	F30AI114090	The Coordination of CD8 T Cell Differentiation: A Role for STAT3 and FoxO1	\$27,720
2015	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$416,250
2015	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$237,197
2015	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$374,134
2015	YALE UNIVERSITY	CT	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$136,360
2015	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$422,621
2015	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$416,250
2015	YALE UNIVERSITY	CT	F32AI104334	Structure activity and structure property relationships for novel anti-HIV agents	\$54,194
2015	YALE UNIVERSITY	CT	R21AI110776	Identifying lincRNAs critical in asthma pathogenesis	\$208,125
2015	L2DIAGNOSTICS, LLC	CT	R41AI114064	RNA Detection as an Improved Diagnostic Assay for Human Leptospirosis	\$300,000
2015	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$547,689
2015	YALE UNIVERSITY	CT	F32AI114196	Genetic Regulation of the Coxiella burnetii Type IVB Secretion System	\$54,194
2015	YALE UNIVERSITY	CT	R56AI124356	Effect of polymicrobial infection on trophoblast-macrophage interactions	\$401,793
2015	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$416,248
2015	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$475,737
2015	GEORGETOWN UNIVERSITY	DC	R01AI111962	Optimized Combination Antimalarial Drug Therapy	\$1,087,190

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2015	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$1,674,576
2015	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	\$457,893
2015	HOWARD UNIVERSITY	DC	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$332,200
2015	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$593,509
2015	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$15,000
2015	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI120504	15th International Conference on Pseudomonas	\$5,000
2015	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$475,387
2015	GEORGETOWN UNIVERSITY	DC	R21AI109185	Development of West Nile Virus/Broad Spectrum Flavivirus Protease Inhibitors	\$221,625
2015	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI106654	Effector and memory T follicular helper cells	\$215,000
2015	CATHOLIC UNIVERSITY OF AMERICA	DC	F32AI115912	A Novel Mucosal Vaccine Delivery System Using Bacteriophage T4 Nanoparticles	\$53,006
2015	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI102725	Potent Phage T4 Derived V2 Immunogens as HIV Vaccines	\$471,345
2015	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$3,088,749
2015	INTERNATIONAL AIDS SOCIETY	DC	R13AI118391	8th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Vancouver, BC, 19-22 July 2015	\$650,000
2015	UNIVERSITY OF DELAWARE	DE	R21AI119149	Helical proteomimetics to prevent HIV entry	\$220,000
2015	UNIVERSITY OF DELAWARE	DE	R21AI109555	Bacteriophage-host dynamics as a factor in the etiology of bacterial vaginosis	\$154,750
2015	UNIVERSITY OF DELAWARE	DE	R21AI110288	HIV 2-LTR Dynamics and Cryptic Viremia	\$203,185
2015	ALFRED I DUPONT HOSP FOR CHILD NCC-W OF THE NEMOURS FDN	DE	R21AI119841	Redirect T cell specificity to IgE-expressing B cells for severe allergic asthma	\$171,563
2015	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$202,221
2015	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$733,814
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$415,458
2015	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$530,253
2015	UNIVERSITY OF FLORIDA	FL	R01AI108407	Role of MHV68 miRNAs in latency and pathogenesis	\$364,230
2015	UNIVERSITY OF FLORIDA	FL	R21AI115218	The Leishmania parasitophorous vacuole proteome	\$219,514
2015	EMMUNE INC	FL	R43AI120809	Development of a synthetic antibody based on the HIV receptor and co-receptor that is optimized for highly efficient killing of HIV-infected cells by ADCC	\$223,934
2015	UNIVERSITY OF FLORIDA	FL	R21AI119773	Spatio-Temporal Modeling for Surveillance Data of Multiple Pathogens	\$248,111

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2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI122284	US-UK Collab: RCN: Vector Behavior in Transmission Ecology (VectorBiTE)	\$112,831
2015	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,192,398
2015	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$1,487,266
2015	UNIVERSITY OF FLORIDA	FL	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	\$372,397
2015	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$133,256
2015	UNIVERSITY OF FLORIDA	FL	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	\$1,007,282
2015	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,502,089
2015	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,135,209
2015	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	\$587,666
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109389	Exploring the Influence of an Intracellular Aminopeptidase on S. aureus Virulence	\$219,905
2015	UNIVERSITY OF MIAMI	FL	R33AI088595	Exploring the Role of Vif Antagonists in Preventing Sexual HIV Transmission	\$486,167
2015	UNIVERSITY OF FLORIDA	FL	R21AI112492	Transcriptional control in innate lymphoid type II cells	\$185,974
2015	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112255	Physiologically-explicit epidemiology: linking size and energetics of snail hosts to human risk of schistosome infection	\$52,406
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI119787	Lead Optimization of Bis-benzimidazole Analogs for Pathogenic Free-living Amoebae	\$206,081
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI119835	Development of nonhuman primate model of S. aureus nasal carriage	\$261,352
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	\$367,500
2015	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	\$2,329,649
2015	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$1,956,887
2015	FLORIDA STATE UNIVERSITY	FL	R21AI111250	Function of Lipid Droplets in Viral Entry and Membrane Fusion	\$181,384
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI107455	Defining epitopes of Plasmodium vivax RBP that are potential vaccine targets	\$186,875
2015	UNIVERSITY OF MIAMI	FL	R21AI119450	Chromosome-encoded T3S effectors of Yersinia pestis	\$230,250
2015	UNIVERSITY OF SOUTH FLORIDA	FL	F32AI112271	Post-transcriptional regulation in the malaria parasite blood stage	\$54,194
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$452,450
2015	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI116063	Abscisic acid synthesis and role in dormancy of malaria	\$36,036

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2015	SMART BIOMOLECULES, INC	FL	R41AI120351	Novel piperazine tethered thiazole compounds as antimalarials	\$225,000
2015	UNIVERSITY OF FLORIDA	FL	R01AI097405	Cholera Transmission in Gressier Region, Haiti	\$641,749
2015	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$383,750
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	\$475,753
2015	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$710,565
2015	UNIVERSITY OF MIAMI	FL	R33AI088601	TARGETED siRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$406,256
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI117017	Chemogenomic Profiling of Plasmodium falciparum Drug Responses and Resistance	\$718,381
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109530	Extreme Resistance to Mitochondrial Inhibitors in Plasmodium falciparum	\$178,364
2015	UNIVERSITY OF FLORIDA	FL	R21AI109469	Structure and function of VirB6 in the Rickettsiales	\$225,000
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$812,322
2015	UNIVERSITY OF FLORIDA	FL	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$363,417
2015	UNIVERSITY OF FLORIDA	FL	R01AI087734	LIGHT_HVEM_BTLA axis in protective anti_viral immunity	\$300,000
2015	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$367,964
2015	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$48,120
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI102560	A novel zebrafish embryo model to define virulence factors of Bartonella henselae	\$186,875
2015	FLORIDA INTERNATIONAL UNIVERSITY	FL	K22AI112585	Identifying mosquito receptors that detect human odor	\$159,600
2015	UNIVERSITY OF FLORIDA	FL	R01AI116892	Role of Intestinal Bacteria in Human Norovirus Infection	\$369,615
2015	UNIVERSITY OF FLORIDA	FL	R21AI112382	Function of histone chaperones in HSV-1 chromatin structure during latency, establishing maintenance and reactivation	\$225,000
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI105099	Novel non-natural oligomers that mimic the structure and function of bioactive peptides	\$363,509
2015	FLORIDA INTERNATIONAL UNIVERSITY	FL	R15AI111210	Decoding P. aeruginosa RIP cascade and discovering its inhibitors as therapeutics	\$421,190
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$318,155
2015	UNIVERSITY OF FLORIDA	FL	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$444,683
2015	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$375,000
2015	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$375,261

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2015	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	\$370,500
2015	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$1,127,672
2015	UNIVERSITY OF FLORIDA	FL	F32AI106559	Characterization of epigenetic modifications during MHV68 lytic/latent infection	\$20,165
2015	UNIVERSITY OF MIAMI	FL	R21AI116346	MicroRNA Regulation of Endothelial Progenitor Senescence in HIV Infection	\$191,875
2015	FLORIDA STATE UNIVERSITY	FL	R21AI119530	Dissecting Dengue Virus Permissiveness using a Stem Cell Differentiation System	\$183,910
2015	FLORIDA STATE UNIVERSITY	FL	R00AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	\$248,999
2015	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$505,827
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	\$427,792
2015	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$997,966
2015	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$382,500
2015	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	\$457,349
2015	UNIVERSITY OF MIAMI	FL	R01AI108421	Can vaccine-induced CD8 T cells prevent chronic phase AIDS virus replication?	\$619,351
2015	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$148,740
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI112854	Toxin Potency is Linked to Holotoxin Disassembly by Protein Disulfide Isomerase	\$73,000
2015	UNIVERSITY OF MIAMI	FL	R01AI123048	Antibody Responses in Aging SIV Infected Monkeys	\$827,888
2015	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$337,500
2015	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$478,127
2015	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$382,500
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$369,968
2015	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$576,959
2015	UNIVERSITY OF FLORIDA	FL	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$168,210
2015	UNIVERSITY OF FLORIDA	FL	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	\$375,000
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$395,405
2015	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$729,584
2015	UNIVERSITY OF SOUTH FLORIDA	FL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$130,152

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2015	UNIVERSITY OF FLORIDA	FL	R21AI119043	Countering beta-lactam resistance in Pseudomonas aeruginosa	\$264,747
2015	FIREBIRD BIOMOLECULAR SCIENCES LLC	FL	R41AI116445	Simple Inexpensive Assay for Five Common HIV Resistance Mutations	\$169,578
2015	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI110858	Alpha-AApeptides as novel antimicrobial biomaterials	\$0
2015	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI117298	Natural Product-Inspired Novel Synthetic Antiplasmodial Scaffolds	\$72,238
2015	FLORIDA ATLANTIC UNIVERSITY	FL	R15AI120882	Inhibition of HIV-1 replication by delivery of the SRSF1 RNA Recognition Motifs	\$448,500
2015	FLORIDA STATE UNIVERSITY	FL	R01AI119178	Membrane Protein Structures and Interactions in the M. tuberculosis Divisome	\$764,361
2015	UNIVERSITY OF MIAMI	FL	R01AI110810	Killing of intracellular bacteria by Perforin-2	\$383,750
2015	EMORY UNIVERSITY	GA	R01AI072435	Characterization of Lamprey B cells and Antibodies	\$387,500
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$362,500
2015	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$3,604,011
2015	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$1,030,715
2015	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$1,977,185
2015	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	\$444,920
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$325,086
2015	EMORY UNIVERSITY	GA	R33AI098800	ArmR: a novel drug target and mediator of antibiotic resistance	\$523,329
2015	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$441,247
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI110098	Human Airway Colonization by Mycoplasma pneumoniae	\$389,125
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI107663	Pathogenesis of Trypanosoma cruzi infection	\$375,000
2015	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	\$185,478
2015	EMORY UNIVERSITY	GA	R21AI103651	Mechanism of Phosphorylcholine of EF-Tu on Pseudomonas aeruginosa	\$192,900
2015	EMORY UNIVERSITY	GA	F31AI115968	The role of NA in virus receptor interaction and HA:NA functional balance	\$43,120
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI104120	The mitochondrial calcium uniporter of trypanosomes	\$187,500
2015	EMORY UNIVERSITY	GA	U01AI115651	Dengue Virus Infection in India	\$725,191
2015	GEOVAX INC	GA	R43AI120887	Directed Lineage Immunizations for Eliciting Broadly Neutralizing Antibody	\$299,585

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	EMORY UNIVERSITY	GA	R01AI110680	Skin Vaccination Against Influenza in the Young And Aged	\$702,916
2015	EMORY UNIVERSITY	GA	R01AI101047	Novel Influenza A Nanovaccines for Broad Cross Protection	\$588,555
2015	EMORY UNIVERSITY	GA	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$490,587
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$334,125
2015	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$490,846
2015	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$820,677
2015	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$20,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$334,125
2015	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$1,202,422
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI111242	PATHWAYS TO TROPHOBLAST CELL DEATH IN PLACENTAL MALARIA	\$224,125
2015	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$881,672
2015	EMORY UNIVERSITY	GA	K24AI114444	Mentorship in Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$173,842
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108222	Calcium signaling in Trypanosoma brucei	\$375,000
2015	EMORY UNIVERSITY	GA	R21AI117162	Targeting an immunomodulatory protease for adjunctive tuberculosis chemotherapy	\$279,358
2015	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,933,100
2015	EMORY UNIVERSITY	GA	R33AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$533,773
2015	EMORY UNIVERSITY	GA	F31AI118558	Mechanisms for decreased HIV transcription in CCR5 delta-32 heterozygotes on ART	\$43,120
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI117102	Defining a RNA repair system conserved in pathogenic bacteria	\$225,000
2015	GEORGIA STATE UNIVERSITY	GA	R21AI119196	Identification and Hit-to-Lead Development of Influenza A Virus Inhibitors	\$236,906
2015	EMORY UNIVERSITY	GA	R21AI114415	Transmitted/Founder SHIV macaque model	\$195,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI113018	The role of ATF3 in thymus involution	\$422,729
2015	EMORY UNIVERSITY	GA	R01AI116835	Novel vaccine to enhance breadth of influenza immunity by skin vaccination	\$653,720
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$312,750

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2015	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,534,304
2015	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$387,500
2015	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$387,500
2015	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$409,722
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$339,554
2015	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,494,982
2015	EMORY UNIVERSITY	GA	K01AI106961	A Practice-Provider-Parent-Adolescent intervention to increase HPV vaccination	\$117,855
2015	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103267	Coordinated stationary phase control of Campylobacter motility and biofilm	\$336,957
2015	EMORY UNIVERSITY	GA	R01AI110474	Study Designs for Estimating the Effectiveness of Vaccination Against Influenza	\$273,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$373,542
2015	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$715,070
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI108265	Making benznidazole a better drug for Chagas disease	\$225,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI107465	THE ROLE OF NOTCH1 IN THYMIC EPITHELIAL CELLS	\$187,500
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI107943	Flagellin-Induced Antiviral Activity	\$185,000
2015	EMORY UNIVERSITY	GA	R21AI113485	Identifying host genetic determinants that regulate dendritic cell activation	\$278,627
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110849	DEVELOPING A NOVEL VIRAL VECTOR FOR A HUMAN MALARIA VACCINE	\$187,188
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI120203	Streamlined Genotyping for HIV-1 Recombinants	\$74,959
2015	EMORY UNIVERSITY	GA	R01AI116379	Immune based interventions for HIV eradication	\$890,819
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI115339	R03 - Resolution of genome duplications in Toxoplasma gondii	\$74,666
2015	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$470,905
2015	EMORY UNIVERSITY	GA	R01AI110482	A Comprehensive Pre-Natal Intervention to Increase Vaccine Coverage	\$821,701
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$375,000
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$346,899
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$649,251

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2015	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$409,804
2015	EMORY UNIVERSITY	GA	U24AI120134	Simultaneous antigen receptor repertoire profiling and single-cell transcriptomics in T and B lymphocytes from limited clinical samples	\$399,581
2015	EMORY UNIVERSITY	GA	R21AI115183	Phase variable control of Acinetobacter baumannii virulence	\$191,243
2015	EMORY UNIVERSITY	GA	R21AI111388	Intestinal M Cells and Secretory IgA Response to Defined Gut Microbiota	\$190,859
2015	EMORY UNIVERSITY	GA	R01AI110720	QUANTIFYING THE BALANCE BETWEEN VACCINE-INDUCED T CELL PROTECTION AND PATHOLOGY	\$387,000
2015	EMORY UNIVERSITY	GA	R03AI109194	Generation of MAVS conditional KO mice to study cell-type specific immunity	\$89,250
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI112427	Genetic Analysis of Cryptosporidium	\$372,500
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110027	Genetically Encoded Calcium Indicators in Toxoplasma gondii	\$187,500
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106839	Regulating neutrophil response during chronic inflammation through SIRPa alterati	\$370,000
2015	EMORY UNIVERSITY	GA	F31AI114250	The Role of 2B4 Coinhibition in Transplantation and Immunity	\$43,120
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K22AI104800	Characterization of the arenavirus glycoprotein complex and mechanism of fusion	\$161,200
2015	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$343,529
2015	EMORY UNIVERSITY	GA	R01AI053668	The Mechanism of Arenavirus Entry into Cells	\$366,600
2015	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$390,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$250,759
2015	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$3,318,561
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$412,657
2015	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$389,215
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$371,250
2015	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	\$4,854,281
2015	EMORY UNIVERSITY	GA	R21AI115018	Role of MHV68 v-cyclin in virus egress	\$234,000
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$726,333
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$371,250

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2015	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic E.coli	\$131,009
2015	EMORY UNIVERSITY	GA	R01AI106715	A Molecular-Social Network Investigation of HIV-HCV Co-infection in Chinese MSM	\$196,410
2015	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$869,526
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI102532	Epigenetic factors regulate RNA polymerase II transcription Trypanosoma brucei	\$54,194
2015	EMORY UNIVERSITY	GA	R01AI111851	Targeting neutralizing epitopes in the MPER of HIV Env	\$654,069
2015	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	\$587,464
2015	EMORY UNIVERSITY	GA	R33AI102197	NOX1 and NOX2 as Therapeutic Targets in Influenza	\$459,610
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI119366	LAIV Inducing Cross Protection	\$187,604
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119879	Rethinking the barrier: How a Gram-negative bacterium alters its surface to become multidrug resistant	\$225,000
2015	EMORY UNIVERSITY	GA	R01AI112723	Understanding disparities in effective HIV treatment and prevention: Involvement+	\$771,600
2015	INHIBIKASE THERAPEUTICS LLC	GA	R44AI103982	Advanced PML antiviral	\$753,121
2015	EMORY UNIVERSITY	GA	R21AI116361	Novel Preventive HIV Vaccines	\$195,000
2015	MICROBIAL MEDICAL INC	GA	R43AI114174	Diagnosis of Bacterial Infections with Maltodextrins	\$197,060
2015	EMORY UNIVERSITY	GA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$1,101,479
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$375,000
2015	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$387,500
2015	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$470,129
2015	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$440,000
2015	EMORY UNIVERSITY	GA	R01AI110113	2D affinity and frequency of antigen specific Tregs	\$387,900
2015	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$446,250
2015	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$3,109,475
2015	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	\$375,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$371,250
2015	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$659,809
2015	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$443,674

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	EMORY UNIVERSITY	GA	U19AI109633	CD40L adjuvanted clade C DNA and MVA HIV vaccines	\$1,973,313
2015	EMORY UNIVERSITY	GA	R21AI109601	Human IgE Antibody Secreting Cells in Blood, Nasal Polyps, and Bone Marrow	\$195,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F31AI120636	Annotation and Comparative Genomic Analysis of Cryptosporidium baileyi	\$29,038
2015	EMORY UNIVERSITY	GA	R21AI116200	Targeting SIV reservoirs with type I Interferons	\$234,936
2015	EMORY UNIVERSITY	GA	R21AI113385	Respiratory Syncytial Virus G proteins to improve safety/efficacy of vaccines	\$240,350
2015	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$371,424
2015	EMORY UNIVERSITY	GA	UH2AI122320	Development of Gleevec for TB and TB/HIV	\$600,000
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Combination Therapies against Pneumo- and Paramyxoviruses Causing Severe Respiratory Infection	\$364,182
2015	EMORY UNIVERSITY	GA	R01AI030048	T cell Memory to Viruses	\$480,100
2015	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$184,892
2015	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$715,465
2015	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$385,800
2015	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$1,676,685
2015	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103347	Engineering DNA nanoparticles to create immune tolerance	\$375,000
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	\$371,250
2015	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$179,631
2015	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$180,360
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI113478	Mouse models for TB infection across the lifespan	\$187,396
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R33AI102254	Targeting Host and Apicomplexan Isoprenoid Pathways	\$434,750
2015	EMORY UNIVERSITY	GA	K23AI114407	Characterization and modulation of mucosal immunity for HIV prevention in women	\$173,496
2015	EMORY UNIVERSITY	GA	U19AI110483	Molecular Regulation of B cells and T cells in Human SLE	\$462,758
2015	EMORY UNIVERSITY	GA	K23AI116388	A Geospatial Approach to Target HIV-Infected Populations Poorly Engaged in Care	\$174,042
2015	EMORY UNIVERSITY	GA	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	\$670,092
2015	EMORY UNIVERSITY	GA	R01AI113021	Regulation of PD-1 gene expression	\$386,850

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2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106307	Mechanism of Paramyxovirus Replication	\$582,127
2015	EMORY UNIVERSITY	GA	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$866,864
2015	EMORY UNIVERSITY	GA	R21AI118542	Experimental depletion of plasmacytoid dendritic cells in SIV infection	\$322,198
2015	EMORY UNIVERSITY	GA	R01AI116933	Host-induced Initiation of Clostridium difficile Sporulation	\$384,106
2015	EMORY UNIVERSITY	GA	R56AI117851	Targeting beta-catenin to disrupt the T memory stem cell reservoir	\$892,484
2015	EMORY UNIVERSITY	GA	R21AI112768	Population Dynamics of S. pneumoniae vaccine serotypes on human pharyngeal cells	\$234,000
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$413,221
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	\$399,383
2015	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,245,387
2015	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$385,800
2015	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	\$20,000
2015	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$128,261
2015	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$377,721
2015	EMORY UNIVERSITY	GA	R01AI111557	Adjuvants for Skin Immunization: Discovery and Mechanisms	\$792,636
2015	EMORY UNIVERSITY	GA	R03AI111396	Epigenome-wide association study of asthma in populations of African descent	\$79,301
2015	EMORY UNIVERSITY	GA	F31AI112261	Epigenetic Programming of B cell Terminal Differentiation	\$43,120
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI103140	The antifilarial activity of ivermectin and diethylcarbamazine	\$375,000
2015	EMORY UNIVERSITY	GA	U19AI117891	Dynamics and Evolution of Immune Responses to Influenza Viruses	\$1,631,454
2015	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R33AI100246	Development of Point-of-Care Diagnostics for Norovirus	\$415,728
2015	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI119903	KPT-335 as novel therapeutic for respiratory syncytial virus	\$216,133
2015	EMORY UNIVERSITY	GA	R01AI118853	Innate activation and death signals in health and disease	\$390,000
2015	UNIVERSITY OF HAWAII	HI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$425,595
2015	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI118017	Cross-Protective Multivalent Vaccine for Tick-Borne Flaviviruses	\$1,156,549
2015	UNIVERSITY OF HAWAII	HI	R01AI119185	Defining a Protective Ebola Vaccine in Non-Human Primates	\$499,998

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2015	UNIVERSITY OF HAWAII	HI	R21AI109449	Immunity to Placental Malaria: Persistence of Antibodies to VAR2CSA	\$211,857
2015	UNIVERSITY OF HAWAII	HI	R21AI105286	Defining Immunity to Placental Malaria using a Multi-assay Predictive Model	\$190,833
2015	UNIVERSITY OF HAWAII	HI	R01AI110769	Mature virus-like particles as a new strategy for dengue virus vaccines	\$305,500
2015	UNIVERSITY OF HAWAII	HI	R56AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$385,000
2015	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,593,546
2015	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$214,968
2015	UNIVERSITY OF IOWA	IA	R21AI109320	Effect of Quorum Sensing on N. gonorrhoeae infection of human PMN's	\$188,750
2015	UNIVERSITY OF IOWA	IA	R21AI113748	A new pathway for azole resistance in Aspergillus fumigatus	\$224,764
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$359,498
2015	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$379,748
2015	UNIVERSITY OF IOWA	IA	R01AI100527	Understanding immune regulation in blood-stage malaria	\$377,500
2015	UNIVERSITY OF IOWA	IA	R01AI097264	Post-transcriptional regulation of Pseudomonas virulence gene expression	\$360,896
2015	UNIVERSITY OF IOWA	IA	R01AI114543	Memory CD8 T cell localization and protection from influenza	\$377,500
2015	UNIVERSITY OF IOWA	IA	R56AI116715	Management of GVHD and GVT by in vivo generated regulatory T cells	\$377,500
2015	UNIVERSITY OF IOWA	IA	R21AI119160	Molecular mechanisms controlling differentiation of memory CD8 T cells	\$225,276
2015	UNIVERSITY OF IOWA	IA	R21AI115149	Epigenomic landscape in naive, effector, and memory CD8 T cells	\$226,500
2015	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$105,650
2015	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$423,281
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI106329	Isolating aptamers to viral surface epitopes	\$232,806
2015	UNIVERSITY OF IOWA	IA	R56AI119965	Neutrophil Plasticity and H. pylori Pathogenesis	\$451,295
2015	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$562,899
2015	UNIVERSITY OF IOWA	IA	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$339,750
2015	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$377,500

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2015	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign-body infections	\$371,173
2015	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$377,500
2015	UNIVERSITY OF IOWA	IA	R01AI108255	Lysine Acetylation in N. gonorrhoeae Quorum Sensing and Biofilm Formation	\$805,715
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI114283	In vivo reporters of gene expression	\$202,315
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI111466	Enhanced Shelf-life Nanovaccine Formulation for Immunity to Biodefense Pathogens	\$348,686
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114720	Identification of genetic determinants that condition flaviviral host specificity	\$314,776
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$484,465
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$361,894
2015	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$376,582
2015	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$382,416
2015	UNIVERSITY OF IOWA	IA	F30AI120567	The role of inflammasomes in bacterial co-infection during cutaneous leishmaniasis	\$32,095
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI114629	Structure and mechanism of the AbgT-family transporters	\$364,361
2015	UNIVERSITY OF IOWA	IA	R21AI111638	Development of adjunctive therapies directed at S. aureus amidases	\$184,312
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI111326	Novel Anthelmintic 'Resistance' Mechanism involving Gut Bacteria	\$75,000
2015	UNIVERSITY OF IOWA	IA	R01AI112579	Tcf/Lef-b-catenin in T cell identity and cancer	\$377,500
2015	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,595,795
2015	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$377,500
2015	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI118283	Function and inhibition of multidrug efflux systems in Campylobacter	\$370,375
2015	UNIVERSITY OF IOWA	IA	R56AI118719	Targeting the NLRP3 inflammasome to limit pathologic sterile inflammation	\$377,812
2015	UNIVERSITY OF IOWA	IA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$377,500
2015	UNIVERSITY OF IOWA	IA	R01AI116546	Consequences of interactions between human neutrophils and Staphylococcus aureus	\$320,875
2015	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$309,090
2015	UNIVERSITY OF IOWA	IA	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	\$377,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF IOWA	IA	R21AI110185	Using miRNAs to elucidate the cellular sources of HIV-1	\$200,313
2015	APTALOGIC INC	IA	R43AI118139	Detecting Ebola Virus Infections	\$352,405
2015	UNIVERSITY OF IDAHO	ID	R21AI113617	Nucleoid structure and energy metabolism in chlamydial gene expression	\$184,134
2015	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$266,403
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$178,821
2015	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$373,586
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$684,410
2015	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$381,250
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI104805	Adaptation of Staphylococcus aureus to Mn and Zn starvation imposed by the host	\$105,133
2015	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$386,250
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	\$177,751
2015	NORTHWESTERN UNIVERSITY	IL	F32AI114130	Mechanism of Action of Stenotrophomonas maltophilia proteases	\$58,694
2015	NORTHWESTERN UNIVERSITY	IL	R21AI115055	Novel asthma pathogenesis genes in the mucosa of the human airways	\$231,750
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI110080	Identifying Patterns of Specificity and Promiscuity in the ComRS Intercellular Si	\$48,120
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI117687	Characterization of chromatin loops responsible for Igh locus contraction	\$239,700
2015	UNIVERSITY OF CHICAGO	IL	R01AI118182	Supramolecular nanofiber vaccines	\$618,842
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI121279	Targeting CCR5 Incorporated Into Virus Like Particles	\$239,700
2015	NORTHWESTERN UNIVERSITY	IL	R34AI118493	Effectiveness, Safety and Value of Integrating Molecular Diagnostics into the Post-Transplant Management of Kidney Transplant Recipients - The Next Frontier of Biomarker Research	\$279,770
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI110586	Commensal Exopolysaccharide Protection from Inflammation	\$200,635
2015	ILLINOIS STATE UNIVERSITY	IL	F31AI112288	Characteristics of the larval habitat and the spread of invasive disease vectors	\$41,164
2015	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$390,000
2015	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$377,584
2015	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$334,728
2015	UNIVERSITY OF CHICAGO	IL	R01AI087645	Thymic B cells and T cell selection	\$384,624

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2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$663,922
2015	UNIVERSITY OF CHICAGO	IL	R21AI115683	Diet and microbiota in type 1 diabetes	\$197,500
2015	NORTHWESTERN UNIVERSITY	IL	R01AI105839	Regulation of food allergy and anaphylaxis by IL 33	\$386,250
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R33AI101504	Neuronal-specific cargo-delivery platforms as post-exposure botulism therapies	\$391,734
2015	UNIVERSITY OF CHICAGO	IL	F30AI110036	Assembly of the envelope of Bacillus anthracis vegetative forms	\$38,850
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI111455	The targets of phagocytic superoxide in Salmonella	\$229,015
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI105573	Novel Peptides Against Modified Heparan Sulfate	\$193,011
2015	NORTHWESTERN UNIVERSITY	IL	R21AI117238	Group 1 CD1-restricted Autoreactive T cells in Inflammatory Disease	\$224,706
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI114611	Small molecule inhibitors of adenovirus-induced downregulation of MHC I	\$75,741
2015	SOUTHERN ILLINOIS UNIVERSITY, SCHOOL OF MEDICINE	IL	K22AI110413	Characterization of a novel quorum quenching protein produced by S aureus	\$162,000
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112755	Role of TBK1 in HSV persistency	\$239,700
2015	UNIVERSITY OF CHICAGO	IL	R21AI120010	Direct visualization of serial engagement by T cell receptors	\$192,543
2015	UNIVERSITY OF CHICAGO	IL	R21AI118998	Public health targeting of PrEP at HIV positives' bridging networks	\$223,267
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI115171	Exploring HCV infection in engineered cultures of iPSC-derived human liver cells	\$26,958
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$765,583
2015	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$381,250
2015	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$384,624
2015	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$466,775
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$377,500
2015	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$386,250
2015	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$297,128
2015	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$1,851,066
2015	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$390,000
2015	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	\$423,783
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$380,958
2015	NORTHWESTERN UNIVERSITY	IL	R33AI094584	Cervical/Vaginal Mucus and Microbicides	\$470,649
2015	NORTHWESTERN UNIVERSITY	IL	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$386,250

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2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	\$48,120
2015	UNIVERSITY OF CHICAGO	IL	R21AI105821	Commensal microbes and sexual dimorphism in autoimmunity	\$231,432
2015	UNIVERSITY OF CHICAGO	IL	R01AI108643	A common hematopoietic precursor to innate lymphoid cells	\$383,864
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	R56AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$115,757
2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI110852	A Systems Biology Approach to Malaria Immunity	\$738,371
2015	NORTHWESTERN UNIVERSITY	IL	R21AI120492	Role of CTCF in HPV replication and viral DNA looping	\$191,291
2015	NORTHWESTERN UNIVERSITY	IL	R56AI057460	The Role of Group 1 CD1-restricted T Cells in Infectious Disease	\$448,713
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI118983	Switch from homeostatic to inflammatory cytokines by NK/ILC in HIV-infected gut	\$226,723
2015	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$267,909
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117497	Intracellular trafficking of the mitochondrial targeting toxin VacA from Helicobacter pylori	\$189,318
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI119960	Hymenolepis diminuta as a model for studying stem cells in parasitic flatworms	\$186,000
2015	UNIVERSITY OF CHICAGO	IL	R01AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$257,766
2015	NORTHWESTERN UNIVERSITY	IL	P01AI112522	Integrating Mechanistic Insights from Diverse Models to Prevent CMV Reactivation following Transplantation	\$2,305,939
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$366,561
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$446,192
2015	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIdeas)	\$138,522
2015	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	\$389,432
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111762	Role of MBD4 in double strand break formation during class switch recombination	\$199,761
2015	UNIVERSITY OF CHICAGO	IL	R01AI108682	How beta-catenin expands Foxp3+RORgammat+ Pro-inflammatory T-regulatory cells	\$487,450
2015	NORTHWESTERN UNIVERSITY	IL	R01AI108634	The roles of Synoviolin in immune tolerance and autoimmunity	\$379,464
2015	UNIVERSITY OF CHICAGO	IL	R01AI115471	Gamma Delta T cell surveillance of metabolites as signals of cellular stress	\$389,432
2015	UNIVERSITY OF CHICAGO	IL	R01AI115716	Impact of Microbiota on Alloimmune Responses in Transplantation	\$389,432

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2015	UNIVERSITY OF CHICAGO	IL	R21AI115203	Regulation of stress resistance and virulence genes in <i>Acinetobacter baumannii</i>	\$231,432
2015	UNIVERSITY OF CHICAGO	IL	R21AI119725	Safe and universal live-attenuated plague vaccine	\$237,000
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	R21AI110685	Molecular dissection of <i>Pseudomonas aeruginosa</i> Exotoxin T virulence functions	\$232,500
2015	NORTHWESTERN UNIVERSITY	IL	F30AI116106	A Development-Specific Mechanism of Pathogenesis in HSV Encephalitis	\$36,768
2015	UNIVERSITY OF CHICAGO	IL	R21AI119894	Analysis of the role of immune deficiency in E2A ^{-/-} T cell lymphomagenesis	\$191,932
2015	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,552,111
2015	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$386,250
2015	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$421,359
2015	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of <i>Staphylococcus aureus</i>	\$395,000
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$335,453
2015	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$389,432
2015	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$375,899
2015	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$1,450,349
2015	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of <i>Vibrio vulnificus</i> MARTX toxin during early gut infection	\$253,327
2015	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	\$35,796
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI115092	Deciphering how bacterial pheromone signaling enhances <i>Listeria</i> virulence	\$199,750
2015	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,295,861
2015	NORTHWESTERN UNIVERSITY	IL	K23AI100995	<i>S. aureus</i> and regulatory T cells in the failure of oral tolerance	\$128,957
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$398,750
2015	UNIVERSITY OF CHICAGO	IL	R21AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	\$235,113
2015	NOVALEX THERAPEUTICS, INC.	IL	R41AI112114	Development of broad spectrum Hepatitis C Virus NS3/4A protease inhibitors	\$300,000
2015	NORTHWESTERN UNIVERSITY	IL	R01AI112911	Mechanisms of MCMV reactivation in immunodeficient transplant recipients	\$442,961
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI115400	Long-lived plasma cells and antibody secretion in the bone marrow	\$75,500
2015	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$1,800,293
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI116441	EVALUATION OF A LYMPHATIC FILARIASIS VACCINE IN NON-HUMAN PRIMATES	\$630,584

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2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI117210	Exploring Peptide Conjugates as Trojan Horse Systems for Drug Design and Discovery.	\$467,333
2015	NORTHWESTERN UNIVERSITY	IL	R56AI114821	Assembly and Function of the Gonococcal Pilus	\$309,000
2015	UNIVERSITY OF CHICAGO	IL	R21AI115388	ETS1 function in mature innate lymphoid cells	\$197,500
2015	NORTHWESTERN UNIVERSITY	IL	UM1AI120184	Sustained Long Acting Prevention Against HIV Program Operation	\$3,609,469
2015	UNIVERSITY OF CHICAGO	IL	R01AI120700	Accelerating PrEP Diffusion through Network Change Agents	\$408,265
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI117080	Antimicrobial activity of pH-activated polypeptides toward H. pylori	\$198,250
2015	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI114688	Genomic Epidemiology of Methicillin-Resistant Staphylococcus aureus in Jail	\$218,587
2015	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$373,007
2015	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$386,250
2015	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$386,250
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$368,416
2015	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	\$126,630
2015	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$517,000
2015	UNIVERSITY OF CHICAGO	IL	R01AI106352	Transcriptional Control of Natural Killer Cell Development	\$483,878
2015	UNIVERSITY OF CHICAGO	IL	R01AI107159	Molecular mechanism of general stress signaling in Brucella abortus	\$439,768
2015	UNIVERSITY OF CHICAGO	IL	R21AI112758	Identification of a prostate antigen recognized by endogenous regulatory T cells	\$197,500
2015	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$699,593
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI111259	Green stormwater infrastructure: An unrecognized opportunity to manage mosquito-b	\$79,300
2015	UNIVERSITY OF CHICAGO	IL	R21AI117593	Unexpected parallels between SaPI replication initiators and conserved SCC ORFs	\$237,000
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI118434	Bacterial toxin-inspired drug delivery (BTIDD) platforms against latent HIV	\$228,968
2015	NORTHWESTERN UNIVERSITY	IL	P30AI117943	Third Coast Center for AIDS Research	\$1,810,226
2015	NORTHWESTERN UNIVERSITY	IL	F32AI116044	A surface-exposed region of the UL37 protein that is essential for alphaherpesvirus neuroinvasion	\$50,690
2015	UNIVERSITY OF CHICAGO	IL	R21AI119297	Pan-Influenza virus inhibitors: Small molecules that disrupt host ADAR1-viral NS1 interactions	\$264,650

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2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI114761	Advancing gametocytocidal agents as drugs against P. falciparum	\$346,750
2015	NORTHSHORE UNIVERSITY HEALTHSYSTEM	IL	R21AI116659	Detection of Host Response In Clostridium Difficile Infection	\$244,000
2015	UNIVERSITY OF CHICAGO	IL	R01AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$159,364
2015	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI110783	Role of neutrophils and elastase in melioidosis	\$402,055
2015	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$507,585
2015	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$389,432
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI115954	Functional analyses of a Listeria secretion chaperone essential for virulence	\$54,194
2015	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$325,247
2015	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$386,250
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$392,500
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$422,941
2015	UNIVERSITY OF CHICAGO	IL	R21AI115308	Modulation of Influenza Virus Replication and Fitness by Adenosine Deaminases	\$237,000
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI105664	Bacillus-containing vacuole-mediated interactions of Bacillus anthracis with macrophages	\$198,250
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI106590	Immune function and mechanism of Tim3 expression and Tim3+ T cells in TB & HIV+TB	\$200,000
2015	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Hospital-Acquired Pathogens	\$100,048
2015	NOVALEX THERAPEUTICS, INC.	IL	R41AI110090	Development of Novel S. aureus Antibiotics with Reduced Resistance Susceptibility	\$298,502
2015	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$850,201
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI110047	Determining the role of dialog between pathogenic streptococci in biofilm develop	\$52,406
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI111170	Antibody repertoire diversification in gut-associated lymphoid tissue	\$75,500
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111044	Epigenetic regulation of HBV transcription and replication by FoxA/HNF3	\$199,760
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI107516	G-BMDC-induced Treg mediated suppression of Type 1 Diabetes in NOD mice	\$399,500
2015	UNIVERSITY OF CHICAGO	IL	R21AI107186	Desiccation resistance in Coxiella burnetii	\$237,000

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2015	NORTHWESTERN UNIVERSITY	IL	R21AI113935	Glucocorticoids and glucocorticoid receptor translational isoforms	\$193,125
2015	UNIVERSITY OF CHICAGO	IL	R21AI111409	Novel Approaches to the Total Chemical Synthesis of Lasso Peptides as a Scaffold	\$197,500
2015	UNIVERSITY OF CHICAGO	IL	R00AI106941	Recognition of cross-reactive antigens by human CD4+ T cells	\$248,999
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI114501	Online media and structural influences on new HIV/STI Cases in the US (2006-2020)	\$656,196
2015	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI120956	Defining the microtubule motors which drive the uncoating and trafficking of HIV	\$336,004
2015	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$447,050
2015	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,602,457
2015	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$370,957
2015	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$958,017
2015	UNIVERSITY OF CHICAGO	IL	R01AI087658	Mapping eQTLs that affect susceptibility to Tuberculosis	\$461,272
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI095488	Peptide-Based Quorum Sensing Controlling Virulence in Bacillus anthracis	\$398,750
2015	UNIVERSITY OF CHICAGO	IL	R21AI109233	EZH2 in lymphoid lineage specification and commitment	\$237,000
2015	NORTHWESTERN UNIVERSITY	IL	R21AI113916	Proteomic Predictors of Chronic Kidney Disease in Liver Transplant Recipients	\$193,125
2015	NORTHWESTERN UNIVERSITY	IL	R21AI105330	Translational control of gene expression during poxvirus infection	\$193,125
2015	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI113391	Interferon gamma inducible protein 16 and KSHV gene expression	\$193,125
2015	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI115238	Development of gene inactivation methods for Chlamydia spp.	\$221,250
2015	NORTHWESTERN UNIVERSITY	IL	R21AI117082	Virulence Mechanisms of the Emerging Pathogen Stenotrophomonas maltophilia	\$224,706
2015	NORTHWESTERN UNIVERSITY	IL	R21AI120618	A novel mouse model to monitor inflammasome activation in vivo	\$231,750
2015	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI112298	A structural characterization of the peptide-receptive state of MHC class I	\$239,700
2015	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI120746	Screening for modulators of Tat positive feedback for biasing HIV latency	\$161,087
2015	UNIVERSITY OF CHICAGO	IL	R01AI120715	Regulation of Ig-kappa recombination during B lymphopoiesis	\$461,851
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$441,750
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$686,525
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI116496	The GCN5b acetylation complex in the AIDS pathogen Toxoplasma	\$385,800

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	PURDUE UNIVERSITY	IN	F32AI106149	Structural investigations of the alphaviral lifecycle	\$56,042
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI114435	The HIV Care Continuum Among Recent Offenders	\$538,896
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI114953	Role of CD8IL-13 T cells in Chlamydia infection-associated immunopathology	\$195,000
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI114668	Resistance to Carbapenem Antibiotics in Acinetobacter baumannii	\$270,464
2015	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$399,963
2015	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$581,696
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	\$563,007
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$392,367
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$456,742
2015	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$331,447
2015	PURDUE UNIVERSITY	IN	R21AI105714	Probing novel innate immune detection mechanisms using an intracellular bacterial	\$224,833
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R33AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$386,436
2015	UNIVERSITY OF NOTRE DAME	IN	R56AI110721	Drivers of population plasticity in Aedes aegypti dengue virus vector competence	\$562,210
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI111286	A network-based method for predicting gene interactions in artemisinin resistance	\$228,000
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$375,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,193,908
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$378,608
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI105361	Develop a Multi-Target Sensor to Detect Dengue Serotypes from Infected Mosquitoes	\$190,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI113523	Follicular repressor T cells: regulation by Stat proteins and control of antibody	\$234,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	K01AI110525	Parents Influenza Vaccine Decisions for Their Children and for Themselves	\$138,890
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI110773	FOXP3 Regulates RNA Alternative Splicing in Tregs	\$195,000
2015	PURDUE UNIVERSITY	IN	R56AI114861	Repurposing auranofin as antimicrobial to treat staphylococcal infections	\$376,278
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI116548	The quinazolinone class of antibacterial agents	\$633,873
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI108884	Designing Selective Inhibitors of IgE-mediated Mast Cell Degranulation	\$102,232
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$375,000
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI112734	Anchoring and uniting the An. funestus assembly for improved vector analysis	\$187,923

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI119516	Calcium signaling in the parasitophorous vacuole of Toxoplasma gondii	\$191,839
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI108393	Dissecting the role of Toxoplasma CDPK3 in parasite propagation and virulence	\$195,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI112844	IRF4 and immunity to influenza infection	\$413,342
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$428,479
2015	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$652,575
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$380,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	\$195,000
2015	PURDUE UNIVERSITY	IN	R56AI114814	Emerging virus-host cell protein interaction networks	\$66,878
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI119612	Targeting macrophage Bcl6 to enhance innate resistance to influenza	\$234,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104944	The role of TLR3 signaling in Chlamydia caused urogenital pathology	\$385,091
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117380	Granzyme A-secreting T cells in allergic inflammation	\$195,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in Sexually Transmitted Diseases including HIV	\$205,426
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$461,556
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	F30AI114284	Host Control of Viral Protein Function: Phosphorylation in the Papillomavirus E2	\$48,120
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI109417	Glutamate-dependent behavior of Pseudomonas aeruginosa	\$190,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI108888	Graph-centric approaches to metatranscriptomic and metaproteomic data analysis	\$339,919
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117198	Cyclic di-GMP-dependent regulation of metabolism and virulence in Borrelia burgdorferi	\$240,750
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI117145	Cis-regulatory element discovery in a sequenced mosquito genome	\$234,000
2015	PURDUE UNIVERSITY	IN	R01AI114814	Emerging virus-host cell protein interaction networks	\$624,607
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$390,000
2015	UNIVERSITY OF NOTRE DAME	IN	F31AI115851	Discovery of a New Class of Antibacterials that Inhibits Penicillin-Binding Proteins	\$43,120
2015	PURDUE UNIVERSITY	IN	R01AI111095	HBGA receptors in host cell entry and infection of norovirus	\$507,466
2015	PURDUE UNIVERSITY	IN	R01AI095366	Structural Studies of Togaviruses	\$642,306
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI103872	Transcript networks and crowdsourcing to predict drug combinations in malaria par	\$190,000
2015	PURDUE UNIVERSITY	IN	R21AI105620	Determinants of BATF Function	\$224,873
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Functions of the reovirus capsid	\$338,887

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2015	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$445,455
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI110831	Embryonic origin and self-renewal of B-1a cells	\$390,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$390,000
2015	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$396,429
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases Training Program	\$287,002
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$375,000
2015	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus aureus	\$471,519
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI110990	LTB4 and the control of methicilin resistant Staphylococcus aureus infection	\$78,000
2015	UNIVERSITY OF NOTRE DAME	IN	R21AI105657	Connecting drugs to pathways using malaria parasite transcript profiles	\$190,000
2015	TECHSHOT INC	IN	R44AI096572	Electrical System for Rapidly Detecting Viable Bacteria in Blood Culture	\$959,649
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$341,996
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI117835	Targeting latently infected Tfh cells to achieving a functional cure of HIV-1	\$386,305
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI110987	Regulation of Follicular Helper T cell Differentiation and Vaccination by IL3	\$78,000
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI119623	Regulation of Humoral Immunity by Tox	\$78,000
2015	PURDUE UNIVERSITY	IN	R21AI119479	Polysaccharide-based endotoxin antagonist for the treatment of sepsis	\$193,750
2015	PURDUE UNIVERSITY	IN	K22AI113078	The role of BamA in the biogenesis of beta-barrel membrane proteins	\$159,179
2015	INDIANA UNIVERSITY, BLOOMINGTON	IN	R13AI120539	22nd Annual Midwest Microbial Pathogenesis Conference	\$5,000
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI091972	Arbovirus midgut escape mechanisms	\$658,536
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$457,458
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI105543	Study of Human Bocavirus Infection in Human Airway Epithelia	\$226,500
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$377,500
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI109039	Norovirus 3CL Protease-Based Anti-norovirus Therapeutics	\$734,295
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI111203	Inhibition of the Classical & Lectin Complement Pathways by Staphylococcus aureus Eap	\$187,500
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. Chaffeensis Gene Expression	\$441,044

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2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$365,988
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI115187	High-throughput fluorescence screening for inhibitors of TonB-dependent iron transport	\$237,500
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI108391	A Novel Mechanism of Restriction by an APOBEC3 Protein	\$188,750
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI109209	A subunit vaccine for enterotoxigenic E. coli associated traveler's diarrhea	\$225,000
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI113307	Assessment of serotype-independent immunity elicited by Shigella T3SS proteins.	\$375,000
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI094797	Characterization of PTMs on Env to support HIV vaccine development	\$364,572
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI101231	An enterotoxigenic E. coli protein that antagonizes the NF-kappaB pathway	\$225,000
2015	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI105467	Stable needleless vaccine against Shigella spp	\$187,000
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R13AI118218	Vector Biology Representation at the 2015 Arthropod Genomics Symposium	\$6,000
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI112803	Study of Human Bocavirus Gene Expression for Development of a Parvoviral Vector	\$201,500
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$375,000
2015	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI113547	Functional Domains of Borrelia burgdorferi Virulence Factor OspC	\$226,500
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI114851	Importance of Species-Specific Interactions of PKR with Poxvirus Inhibitors for Virus Replication and Host Range	\$367,000
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R00AI100919	Host innate immune response induction and shutoff during poxvirus infection	\$244,779
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI107005	Neoantigens and TLR4	\$150,000
2015	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI113552	Cheminformatic Discovery of Alternative Pathway C3 Pro-Convertase Inhibitors	\$188,000
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI124235	Role of STAT3 Signaling in GC B Cell Regulation	\$189,617
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$364,137
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$3,317,479
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$197,204
2015	MOSQUITOMATE INC	KY	R43AI112048	Feasibility assessment of a novel tool for mosquito vector control: Auto-Dissemination Augmented by Males (ADAM)	\$201,426

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2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI109529	Mechanism of inhibition of RNA virus replication by host WW-domain proteins	\$210,000
2015	THERAPYX INC	KY	R44AI104067	Therapy and Prophylaxis for Genital Tract Infection	\$749,000
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI113253	Regulation of hyaluronic acid capsule biosynthesis in Streptococcus pyogenes	\$232,991
2015	THERAPYX INC	KY	R43AI115877	Experimental Gonococcal Vaccine	\$271,000
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F31AI120653	Fusion protein TM-TM interactions: Modulation of pre-fusion protein stability	\$34,475
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI120244	Molecular and Cellular Pathogenesis of Legionella	\$375,000
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI112618	Improving the lead rF1-V plague vaccine using an SA-4-1BBL/alum adjuvant platform	\$225,000
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI118814	Lead Optimization of ML336, a Potent VEEV Inhibitor	\$447,681
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113386	Effect of the gut microbiota on malaria	\$149,245
2015	FASCURE THERAPEUTICS LLC	KY	R41AI120353	Improving the therapeutic efficacy of a lead vaccine against plague using a novel adjuvant system	\$224,999
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113348	Engineering pancreatic islets with TG? protein to overcome rejection	\$225,000
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI101373	Role of Rapid IFN γ Secretion by CD4+ T cells in Clearance of Food Borne Listeria	\$368,219
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI116517	Exploitation of host glycolysis by Legionella	\$225,000
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI117876	The role of Perforin-2 in Chlamydia pathogenesis	\$383,321
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F30AI114194	Elucidating binding, fusion and entry of HMPV in cell culture and host tissue	\$32,907
2015	PARATECHS CORPORATION	KY	R44AI102326	Enhanced baculovirus vectors with higher titers and increased genome stability	\$582,426
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI117361	Targeting NAD biosynthesis in Mycobacterium tuberculosis	\$75,209
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R15AI119861	The reverse transmigration of Salmonella-infected cells into the bloodstream	\$450,000
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI118818	Recognition of Pneumocystis trophs by murine dendritic cells	\$224,349
2015	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$727,652
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$361,308
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI108260	Hendra virus trafficking and assembly	\$184,191

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2015	MOSQUITOMATE INC	KY	R44AI098179	Biological vector control reducing arboviruses, including Dengue and Chikungunya	\$744,582
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI113648	The Borrelia burgdorferi transcriptional regulome	\$78,032
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI119022	Structure and mechanism of the ESX secretion system from pathogenic mycobacteria	\$188,125
2015	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$371,250
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$366,515
2015	CHILDREN'S HOSPITAL	LA	R21AI113515	Design of a mimotope-peptide based double epitope vaccine against candidiasis	\$0
2015	Louisiana State University System	LA	R21AI113515	Design of a mimotope-peptide based double epitope vaccine against candidiasis	\$219,463
2015	Louisiana State University System	LA	R01AI116025	Host and microbial factors promoting synergistic mortality during polymicrobial intra-abdominal infections with Candida albicans and Staphylococcus aureus	\$364,908
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110158	Modified CMV-specific T cells to Target HIV	\$184,186
2015	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI118904	The Role of Epithelial-Stromal Communication in the Human Papillomavirus Type 16 Life Cycle	\$175,513
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$185,000
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	\$801,215
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	\$376,250
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$376,250
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$755,770
2015	Louisiana State University System	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$600,010
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$780,112
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$253,500
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI111058	Selection of the Determinants of Plasmodium Sporozoite Infectivity and Motility	\$188,125
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI111943	Perturbation of antigen-specific T cell responses in latent TB/SIV co-infection	\$467,190
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI111086	The retropepsin-like enzyme RC1339/APRc from Rickettsiae as a potential therapeutic target for rickettsial diseases	\$218,515

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2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$376,250
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,559,554
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$794,854
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$1,010,001
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI116198	Targeting Macrophage Reservoirs in the Macaque Model of Pediatric AIDS	\$236,600
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI113720	Neutrophil Function in Bacterial Pneumonia	\$381,629
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	\$376,250
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI112447	SIV antisense epitopes as novel markers of latency	\$253,500
2015	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$234,528
2015	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	\$185,000
2015	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI116348	Cell-based Gene-therapy Targeting Residual Active HIV Reservoirs	\$231,689
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI119104	Molecular evolution of Peptide antibiotics for drug-resistant Gram negative bacteria	\$190,845
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI114697	Development of Novel Adjuvants LTA and LTA1	\$188,126
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R03AI111138	Identification of Transmission blocking epitopes on P. vivax 48/45 protein	\$75,250
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI106676	Epstein Barr virus antisense transcription	\$376,250
2015	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI109482	Physiologic and immunologic consequences of exposure to ETEC enterotoxins	\$188,125
2015	TULANE UNIVERSITY OF LOUISIANA	LA	U19AI115589	International Collaboration in Infectious Disease Research on Lassa fever	\$670,528
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$508,297
2015	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,678,728
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,299,983
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI116366	Identifying the ligand for the activating NK cell receptor KIR3DS1 and its protective role in HIV-1 disease progression	\$35,440
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$475,005
2015	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$605,604

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2015	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$577,984
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$435,000
2015	BOSTON MEDICAL CENTER	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$129,683
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$84,670
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$447,012
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099473	Human copy number polymorphism and severe malaria	\$568,642
2015	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,716,544
2015	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,824,178
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$5,560,743
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$441,345
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$694,266
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$531,662
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$137,160
2015	Trustees Of Boston University	MA	R21AI115223	Functional definition of guide RNAs	\$204,625
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$569,894
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$1,235,184
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$455,381
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$496,165
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$631,581
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$136,296
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	\$323,000
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$453,934
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$440,417
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$435,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$554,280
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	\$543,750
2015	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$2,375,202
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	\$668,571
2015	MICROBIOTIX, INC	MA	R44AI098271	Novel Spectinamide Antibiotics for the Treatment of MDR/XDR Tuberculosis	\$988,293
2015	Trustees Of Boston University	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$409,250
2015	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$582,952
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI106734	Evolutionary medicine in the development of antimalaria drugs	\$338,000
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111728	Novel immunotherapeutics against multi-drug resistant Neisseria gonorrhoeae	\$251,250
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109172	Blue light for drug resistant skin and soft tissue infections	\$214,897
2015	Trustees Of Boston University	MA	R01AI108680	Integrated Clinical Prediction Rules: Bringing Evidence to Diverse Primary Care Settings	\$848,222
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI108529	Optimization and In vivo Testing of a Novel Combination HIV Microbicide	\$230,142
2015	Trustees Of Boston University	MA	R03AI114293	Filovirus replication: initiation mechanism and role of RNA secondary structures	\$81,850
2015	TUFTS UNIVERSITY	MA	R01AI113166	Initiation and regulation of antibacterial innate immunity	\$467,376
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI113251	A new Statistical Framework to Tame Selection Bias in Health Sciences	\$163,569
2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$410,000
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New Methods for the design and evaluation of large HIV prevention interventions	\$731,877
2015	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI117373	Non-invasive imaging of the immune response based on the use of isotopically labeled single domain antibody fragments	\$292,500
2015	MICROBIOTIX, INC	MA	R41AI118037	Lipoprotein synthesis inhibitors for multi-drug resistant Gram-negative therapy	\$288,494
2015	IMMUNETICS, INC	MA	R44AI102343	Molecular Detection of Invasive Fungal Infections	\$992,788
2015	MICROBIOTIX, INC	MA	R43AI113971	Novel Inhibitors Targeting Early Steps of Human Cytomegalovirus Replication	\$289,557
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R03AI111416	Modeling atomic structure of the EmrE multidrug pump to design inhibitor peptides	\$84,500

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2015	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R15AI112985	Mathematical modeling from metagenomics - minimizing risk of enteric infections	\$464,739
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI111918	Inflammation and the vaginal metagenome in HIV acquisition	\$633,994
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI115962	VopE of Vibrio cholerae mediates mitochondrial dynamics by the Miro GTPase	\$56,862
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115136	B Cell Tolerance to Transplantation Antigens	\$226,041
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI111224	Metabolic factors that control the spectrum of human tuberculosis	\$2,738,518
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI112945	Chemical biological studies of pyroptotic cell death	\$261,000
2015	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R03AI100707	Optimized second-generation recombinant mycobacteria vaccine vectors against HIV	\$96,850
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R13AI115970	Boston Bacterial Meeting	\$6,000
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109436	Vibrio cholerae colonization of the fly rectum and activation of natural competen	\$221,042
2015	ALDATU BIOSCIENCES	MA	R44AI118441	A Rapid, Cost-Effective HIV Drug Resistance Diagnostic for Resource-Limited Settings	\$773,398
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115303	Biofilm matrix-based vaccines	\$264,875
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI114131	Probing with a panel of beta-lactams to find genetic resistance factors in MRSA	\$32,648
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119880	Interplays between ADAR1 and MDA5 in the pathogenesis of Aicardi-Gouti?re Syndrome	\$265,000
2015	HELIXBIND INC	MA	R44AI109913	A Culture-Free Platform for Rapid Pathogen Identification	\$781,607
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111606	Modeling human anti-viral humoral responses in the young and elderly	\$251,250
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI119692	Volatile Metabolite-Based Detection of Clostridium difficile Infection	\$266,063
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114710	Lipooligosaccharide mimitope vaccines against Neisseria gonorrhoeae	\$449,255
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI114790	Immune defenses against Neisseria gonorrhoeae	\$629,859
2015	DETECTOGEN INC	MA	R43AI113992	Development of a protein-based antigen detection test for kala-azar	\$210,000
2015	UNIVERSITY OF MASSACHUSETTS	MA	R56AI116920	Innate mechanisms for virus-induced diabetes	\$670,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI119065	Role of SCARF1 in apoptotic cell clearance and prevention of autoimmunity	\$206,400
2015	BOSTON MEDICAL CENTER	MA	R01AI124217	Impact of Pregnancy on Tuberculosis	\$642,186
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$262,627
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI118804	THE ROLE OF PROSTAGLANDIN D2 IN THE RESPIRATORY SYMPTOMS OF ASPIRIN EXACERBATED RESPIRATORY DISEASE	\$185,220

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2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI118544	Molecular networks of HIV-specific CD4 T cell help to B cells	\$454,296
2015	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI118000	Preclinical development of teixobactin, a new antibiotic	\$749,698
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI114617	HIV cure studies: risk, risk perception, and ethics	\$877,958
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$434,203
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$518,965
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$411,250
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$506,140
2015	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$412,500
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$446,250
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$434,475
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI116901	The role of fatty acid binding protein aP2 in the pathogenesis and treatment of asthma	\$403,750
2015	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$435,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$276,083
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$473,654
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: a gene expression compendium for immune cells	\$1,115,626
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI095109	Engineered lipid vesicles as potent vaccine vectors for HIV	\$318,404
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	\$133,515
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2015	TUFTS MEDICAL CENTER	MA	R21AI111317	Role of carbon availability in environmental adaptation by Borrelia burgdorferi	\$216,450
2015	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	\$484,892
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	\$437,500
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	\$565,404
2015	Trustees Of Boston University	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Fever	\$708,299
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	\$396,500
2015	BROAD INSTITUTE INC	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$458,258
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type I diabetes	\$411,250

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2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$302,373
2015	Trustees Of Boston University	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	\$315,001
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI107360	Restoring Immune Function Following Radiation Injuries by TLR9 Agonist Treatment	\$584,537
2015	Trustees Of Boston University	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$409,250
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$2,461,800
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$961,500
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	\$442,500
2015	TUFTS MEDICAL CENTER	MA	R01AI103173	Critical Roles for Iron and Copper Detoxification in Borrelia Burgdorferi	\$412,500
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI106878	O-Specific Polysaccharide Responses and Cholera	\$779,448
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI102769	Development of Vectored ImmunoProphylaxis as a strategy against HIV	\$107,760
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$647,771
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI104287	Mycobacterial single cell drug susceptibility	\$56,042
2015	BETH ISRAEL HOSPITAL	MA	K23AI114381	Diversity of Immune Responses Elicited by HIV Vaccines	\$145,636
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI110524	Improving clinical, operational and economic outcomes related to MRSA	\$136,821
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI107551	SOX4 and SOX13 control early steps of invariant NKT cell differentiation	\$209,375
2015	BROAD INSTITUTE INC	MA	U19AI110818	Advancing Genomic Technologies to Combat Infectious Disease: Mapping Dynamics within Single Cells, Individual Hosts, and Global Populations	\$6,971,854
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111395	Characterization and Development of a Cross Spectrum Anti-Dengue Antibody	\$750,000
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI110293	Role of p38 MAPK activation in AIDS pathogenesis	\$864,769
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113459	Characterization of a novel combined immunodeficiency with skeletal dysplasia	\$264,375
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113949	PIPs: a new means to identify effector-target interactions	\$261,000
2015	BETH ISRAEL HOSPITAL	MA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$514,349
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120651	The processes mediating capsid transport during HCMV nuclear egress	\$30,589

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2015	VAXESS TECHNOLOGIES INC	MA	R43AI118107	Development of a Silk-Stabilized Inactivated Polio Vaccine	\$210,066
2015	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R21AI109896	Maltoheptaose based nanotherapeutics for multidrug resistant bacterial infection	\$239,175
2015	TUFTS UNIVERSITY	MA	R21AI113470	Multivalent Bacillus mucosal vaccines against Clostridium difficile infection	\$206,250
2015	TUFTS UNIVERSITY	MA	R01AI109048	Role of Listeria CodY in Integrating Metabolism and Virulence	\$570,158
2015	BROAD INSTITUTE INC	MA	R33AI105936	A "radical" approach to tuberculosis infection	\$531,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113937	Microfluidic tools for probing neutrophil reversed migration	\$217,500
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R34AI116394	Cellular Therapy with Allospecific Tregs in Liver Transplantation	\$279,711
2015	TUFTS UNIVERSITY	MA	DP2AI124384	Structural dynamics of single Ebolavirus GP molecules.	\$2,475,000
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$435,000
2015	MICROBIOTIX, INC	MA	R41AI118122	Novel filovirus entry inhibitors based on a pseudo-symmetrical biphenyl core	\$288,568
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI114557	Neutralizing Antibodies in Acute and Persistent Epstein-Barr Virus Infection	\$434,048
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$335,197
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI115712	Testing the role of BATF as a pioneer transcription factor in effector T cells	\$568,163
2015	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$165,225
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$430,936
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$539,838
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$618,598
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$271,171
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114968	The role of DOCK8 in autoimmunity	\$176,213
2015	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$435,000
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$185,478
2015	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$179,515
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Impact of Immunotherapy on Viral Immunity in Humans	\$2,277,111
2015	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,589,966
2015	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$542,663
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$382,792

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2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$410,952
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	\$420,345
2015	Trustees Of Boston University	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$2,408,349
2015	TUFTS UNIVERSITY	MA	R21AI107171	The prefusion form of HSV-1gB	\$247,500
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI114930	Inhibiting Toxoplasma growth by disrupting its access to host small molecules	\$248,791
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$418,750
2015	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$391,500
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$630,959
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$128,504
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	\$403,750
2015	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$506,768
2015	BETH ISRAEL HOSPITAL	MA	R01AI095308	Characterization of new Ca ²⁺ channels that underpin immunological decision making	\$435,000
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$128,676
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI098307	C. elegans immune defense against the P. aeruginosa toxin Exotoxin A	\$57,962
2015	TUFTS UNIVERSITY	MA	F31AI108217	Forward Genetic Analysis of type I interferon responses to cytosolic nucleotides	\$38,716
2015	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$802,036
2015	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI091224	Drug Discovery from Slow Growing and Rare Microbial Species	\$981,599
2015	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$131,534
2015	IMMUNETICS, INC	MA	R44AI098567	Rapid Test for Recent HIV Infection	\$1,000,000
2015	TUFTS UNIVERSITY	MA	R21AI111011	Inhibiting tegumental carbonic anhydrase as a novel treatment for schistosomiasis	\$230,400
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$440,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110264	Test and Treat TB: A Proof of Concept Trial in South Africa	\$141,619
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI108629	Interferon Effector Gene Activation to Circumvent Viral Impedance	\$186,192
2015	IMMUNETICS, INC	MA	R21AI111297	Characterization of Innate Binding Specificities of Peptidoglycan Binding Protein	\$211,250

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2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI110655	Subcellular Mechanisms for Fungal Phagosome Maturation in Macrophages	\$186,192
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI103142	Regulation of neutrophil function by ROS-induced actin glutathionylation	\$441,042
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI112321	Retrogenic humanized mice for the study of T1D	\$213,125
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI109850	Phosphorylation and acetylation of secreted bacterial proteins: a new regulatory	\$57,962
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113458	Laser-facilitated powder-allergen delivery for epicutaneous immunotherapy	\$212,705
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$185,792
2015	IMMUNETICS, INC	MA	R44AI091291	Rapid point of care test for Lyme serodiagnosis based on novel ultra sensitive de	\$1,000,000
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI117983	Regulatory T cell Reprograming and Dysbiosis in Food Allergy	\$397,125
2015	TUFTS UNIVERSITY	MA	K22AI116262	HIV-1 Env antagonism by ground state stabilization	\$159,200
2015	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI118058	Specific anti-TB compounds from uncultured bacteria	\$219,069
2015	BETH ISRAEL HOSPITAL	MA	R21AI120795	Innate Lymphoid Cell Modulation of SIV Transmission and Pathogenesis	\$214,380
2015	Trustees Of Boston University	MA	R21AI112887	Mechanisms of phagocytic cell defects induced by inhibitory IgG	\$204,625
2015	BETH ISRAEL HOSPITAL	MA	R56AI120828	Antigen-Specific NK Cell Memory Against SIV and SIV Vaccines	\$717,026
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$515,663
2015	BROAD INSTITUTE INC	MA	R21AI119296	Exploiting bacterial uptake as a universal platform for antibacterial development	\$241,235
2015	Trustees Of Boston University	MA	R01AI115053	Lung-resident antibacterial heterotypic immunity	\$409,250
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	U24AI118656	Monitoring peripheral blood leukocyte and immune responses in health and disease	\$375,134
2015	BOSTON MEDICAL CENTER	MA	R56AI040944	Neisserial porins and antigen presenting cells	\$428,807
2015	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI116355	Interplay between antibody affinity maturation and HIV evolution in a single host	\$54,194
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI117920	Elucidating the role of cis-regulatory elements in mediating V(D)J recombination	\$35,225
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI113121	Functional characterization of Trypanosoma cruzi-host cytoskeletal interactions	\$201,875
2015	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$998,905
2015	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$442,757
2015	MICROBIOTIX, INC	MA	R44AI100339	Novel Plasmodial Surface Anion Channel Inhibitors as Antimalarial Drugs	\$643,510

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2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepoxilin A3 in neutrophil breach of the Infected airway mucosa.	\$439,285
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI114179	Mechanisms by which DNA sequence directs AID-mediated mutagenesis of Ig loci	\$35,509
2015	Trustees Of Boston University	MA	R01AI048082	Glycobiology of Giardia	\$409,250
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$435,000
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$437,500
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$482,825
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$651,862
2015	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$412,500
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$447,546
2015	Trustees Of Boston University	MA	T32AI007309	Research Training in Immunology	\$239,818
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,873,527
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$444,500
2015	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$382,775
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$423,750
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	\$781,056
2015	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$2,781,833
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	\$2,183,384
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI102590	Label-free HIV-1 Viral Load Measurement through a Contactless Electrode Microchip	\$59,966
2015	Trustees Of Boston University	MA	R01AI101057	Guide RNA Binding Complex	\$409,250
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,986,118
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	\$408,571
2015	ARIETIS CORPORATION	MA	R44AI102452	Narrow-spectrum Agents Acting against Helicobacter pylori	\$1,000,000
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$650,362
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	\$183,276
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$380,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	Trustees Of Boston University	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$1,314,777
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$183,061
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$793,809
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101048	Plasticity of T helper cell differentiation	\$418,750
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$567,366
2015	MICROBIOTIX, INC	MA	R41AI112045	New small molecule inhibitors of arenaviruses	\$298,297
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI104344	Same-Day HIV Testing and Treatment Initiation to Improve Retention in Care	\$609,478
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111860	T-cell-mediated targeting of therapeutics to HIV reservoirs	\$422,887
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$4,932,536
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$541,614
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI029873	Molecular Biology of HIV-Gag Proteins	\$373,598
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	\$600,485
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI100023	Improving diagnostic capabilities for typhoid fever	\$323,205
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$441,458
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI112521	Mechanisms and Immunological Consequences of Host-Virus Interactions	\$1,947,788
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$6,969,759
2015	BROAD INSTITUTE INC	MA	U24AI118672	An integrated multiplexed genomic assay for low input clinical samples1	\$399,405
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$810,848
2015	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$601,984
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI116979	Novel mechanisms of T cell costimulation: the role of LRRC8A in T cell activation	\$179,053
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Molecular mechanism of RIG-I and RIPLET in antiviral signaling	\$442,292
2015	TUFTS UNIVERSITY	MA	F32AI118316	Defining B. burgdorferi oxidative stress responses by next-generation sequencing	\$52,690
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI101545	Bacterial cell envelope in polar positioning of autotransporter proteins	\$261,000
2015	FIRST LIGHT BIOSCIENCES INC	MA	R01AI117058	Rapid detection of pathogens and antimicrobial susceptibility directly in patient samples	\$1,017,852
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI114970	Transfer: Dissecting the interplay of MHC/HLA loci, the microbiota and autoimmune diabetes	\$179,631

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2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI111713	Targeting cell separation systems of gram-negative bacteria.	\$230,932
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI118073	Probing the interplay between cellular surveillance and the human microbiota	\$0
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI119481	Inactivation of ambient viruses using Engineered Water Nanostructures	\$236,100
2015	TUFTS UNIVERSITY	MA	U01AI109656	Searching for Persistence in Lyme Disease	\$813,610
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109303	Systems Analysis of Innate Immune Responses to Fungal-Derived Carbohydrates	\$261,000
2015	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI108042	Selective agents against C. difficile infection	\$297,718
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI113479	NK cell regulation of immune responses to dengue	\$251,250
2015	EDITAS MEDICINE, INC.	MA	R43AI120302	Vector-delivered CRISPR/Cas as a cure for HSV-1-induced keratitis	\$225,000
2015	Trustees Of Boston University	MA	R56AI116829	Gene Regulation in the Immune System	\$368,626
2015	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,050,511
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111173	Harnessing Transcriptomics to Identify and Test Novel Hookworm Vaccine Targets	\$218,874
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120900	Functional impact of long non-coding RNA expression on HIV control	\$261,000
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115173	Inference for interacting pathogens with mechanistic and phenomenological models	\$214,505
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$567,979
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI115711	Tesamorelin Effects on Liver Fat and Histology in HIV: A Collaborative U01 Grant	\$587,655
2015	NORTHEASTERN UNIVERSITY	MA	U24AI118665	Automated Patient-Specific Dendritic Cell Generation for Transcriptomics-Driven Vaccinology	\$256,908
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI119157	Bioinformatic and functional analysis of antibiotic-responsive small non-coding RNAs in bacterial pathogens	\$182,074
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI118538	Studies of Mucosal Associated Invariant T (MAIT) cells in people with HIV, TB and HIV/TB co-infection in South Africa	\$184,751
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$492,500
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$418,750
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$480,798
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042006	Cost-Effectiveness of Preventing HIV Complications	\$932,439
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$425,055
2015	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$672,393

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF MASSACHUSETTS	MA	F31AI112282	The Role of Innate IL-17 Responses to Aspergillus fumigatus	\$29,795
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$428,640
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI103701	Genetically modified HSC-HPC for management of aggressive demyelinating diseases	\$211,250
2015	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$836,610
2015	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,610,773
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,287,063
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$767,357
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$417,361
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$418,750
2015	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$999,334
2015	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2015	SPRING BANK TECHNOLOGIES INC	MA	R01AI094469	Preclinical Development of SB 44 as an Orally Bioavailable Anti-HBV Agent	\$901,490
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$537,822
2015	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	\$132,705
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI106178	Mechanistic Studies of the Function of Desmosterol Homeostasis in HCV Replication	\$57,962
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI114552	Infant specific-IgE, rhinovirus-C bronchiolitis, and incident asthma in MARC-35	\$864,174
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI104170	Investigating the role of inflammasome activation in the control of T. gondii	\$43,120
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$424,143
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106478	Mechanism of Potent Neutralization of HIV by IgA CD4i Antibody	\$397,792
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	\$403,750
2015	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$185,118
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	\$186,192
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$483,494
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$625,878
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	\$435,000
2015	CELLDEX THERAPEUTICS INC	MA	R44AI095159	Dendritic Cell-Targeted HIV Vaccine Product	\$988,487
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$443,487

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2015	BOSTON MEDICAL CENTER	MA	R56AI118682	Identification of Signals Required for the Establishment of HIV Infection and Latency	\$761,143
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$185,750
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI114406	Enhancing mucosal protection through antibody interactions with mucin proteins	\$54,194
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI113333	Innate Immune Defense Mechanisms in the Intestine	\$601,519
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109232	Role of Myeloid Derived Suppressor Cells in intestinal inflammation	\$221,042
2015	BROAD INSTITUTE INC	MA	R01AI117043	RNA based diagnostics for rapid pathogen identification and drug resistance	\$1,552,625
2015	TUFTS MEDICAL CENTER	MA	F32AI118316	Defining B. burgdorferi oxidative stress responses by next-generation sequencing	\$0
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI111191	Mechanisms Underlying Delayed Transplant Tolerance	\$257,300
2015	Trustees Of Boston University	MA	R13AI116349	Workshop on Analysis, Storage, and Sharing of Next-Generation Sequence Data from Antibody and T-Cell Receptor Repertoires	\$3,000
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI113046	Regulatory iNKT Cells Suppress Inflammation and Drive Thermogenesis	\$424,188
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI118160	The role of putative membrane proteases in S. aureus cell division	\$33,934
2015	UNIVERSITY OF MASSACHUSETTS	MA	U01AI118161	Vaccines and Immunotherapeutics against gonorrhea in the context of Chlamydia co	\$498,145
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI103806	Listeria Monocytogenes Infection of the Brain	\$254,250
2015	TUFTS UNIVERSITY	MA	R21AI110826	Developing a novel strategy to uncover vaccine targets in bacterial pathogens	\$247,500
2015	BOSTON COLLEGE	MA	R21AI117241	Experimental evolution of Toxoplasma gondii virulence	\$195,625
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$185,220
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI117929	Immune control mechanisms of TB latency in the setting of HIV co-infection	\$441,250
2015	Trustees Of Boston University	MA	R33AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFNy	\$491,100
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$221,250
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI118692	Training Program in Immunological Tolerance and Autoimmunity	\$185,478
2015	BETH ISRAEL HOSPITAL	MA	R21AI119114	Plasmid Eviction to Restore Susceptibility in Carbapenem-Resistant Enterobacteriaceae	\$130,500
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F31AI120616	Defining the role of ClpX in mycobacterial cell cycle progression	\$36,720
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI111039	Role of MR1-Restricted MAIT Cells in Intestinal Infection	\$214,765

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2015	WOODS HOLE OCEANOGRAPHIC INSTITUTE	MA	R21AI119311	Discovery and development of RND pump inhibitors from marine microbial sources	\$340,998
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI080289	Demystifying the antiviral activity of the IgG3+ antibody response	\$435,000
2015	TUFTS UNIVERSITY	MA	R56AI116714	Negative effects on organ transplant rejection and tolerance induced by diet	\$412,500
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI117025	Discovery of antibiotics active against multidrug resistant bacteria	\$254,250
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R00AI110649	Molecular signatures of high salt induced pathogenic T cells	\$249,000
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI112991	Staphylococcus Aureus Carriage and the Nasal Microbiome	\$242,250
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$664,833
2015	Trustees Of Boston University	MA	R21AI113715	The development of multiplexed, label-free isothermal diagnostic for rapid identification of bacterial pathogens	\$245,550
2015	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$412,500
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$394,891
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112748	Finding and Treating Unsuspected and Resistant TB to Reduce Hospital Transmission	\$688,803
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI116604	Role of Tuberculosis Metabolites in M. Tuberculosis Virulence	\$562,684
2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$405,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$1,539,678
2015	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$282,008
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$421,665
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$538,137
2015	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$412,500
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$455,447
2015	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$243,026
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$4,137,237
2015	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$231,848
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$391,592
2015	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$418,750
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$423,750
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic analysis of toxinogenesis of Vibrio cholerae	\$715,353

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2015	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,158,199
2015	WELLESLEY COLLEGE	MA	R15AI079685	Characterization and Design of Histone-Derived Antimicrobial Peptides	\$409,346
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$800,161
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI110695	Censoring Inflammation by Protein Geranylgeranylation	\$418,750
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$708,793
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$717,661
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	\$756,227
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$443,542
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$403,750
2015	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$3,585,085
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$419,139
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$417,240
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$184,020
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$398,893
2015	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$394,018
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral and host mechanisms that tilt the HSV lytic/latent balance	\$1,775,174
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$2,782,563
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI108144	Interrogating the Cellular Mechanisms of Host-Pathogen Interactions during IBD	\$54,194
2015	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$435,000
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K22AI114810	The role of nociceptor neurons in bacterial host defense and inflammation	\$162,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	\$185,090
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$410,580
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI109857	Molecular determinants of N-linked glycosylation in Campylobacter jejuni	\$52,406
2015	DANA-FARBER CANCER INSTITUTE	MA	F31AI112404	Investigating HIV-1 Envelope-mediated entry into low-CCR5 expressing cells	\$35,076
2015	BRANDEIS UNIVERSITY	MA	R01AI113737	Design of Immunogens to Elicit PGT122 like Antibodies	\$489,149
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI114448	Predictors of HIV Control after Antiretroviral Treatment Interruption	\$220,032

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2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI112359	Longitudinal analysis of antibody responses to HIV-1:mapping function to genotype	\$54,194
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	\$393,156
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$182,996
2015	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$495,564
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$934,543
2015	Trustees Of Boston University	MA	R01AI113321	Initiation and regulation of RSV mRNA transcription and genome replication	\$415,000
2015	BETH ISRAEL HOSPITAL	MA	R21AI118468	Enhancing Resolution of Memory NK cells in CMV- and SIV-infected macaques	\$191,647
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113484	Shigella repression of innate immunity early during infection	\$217,500
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI115476	T cell responses at the site of infection	\$261,000
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI120633	Contact-Dependent Antagonism in Gut Bacteroidales	\$427,867
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI116363	HIV-specific responses mediated by human NK cells	\$435,000
2015	MICROBIOTIX, INC	MA	R41AI120437	GPCR antagonists as anti-Ebola virus entry inhibitors	\$299,392
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI116228	Targeting HIV-1 persistence with Interferon-a	\$239,250
2015	UNIVERSITY OF MASSACHUSETTS	MA	R56AI114525	Using pluripotent stem cells to study gene dosage-dependent immunodeficiency	\$513,687
2015	IMMUNETICS, INC	MA	R44AI100471	Immunoassay for diagnosis of Babesia infection	\$808,595
2015	Trustees Of Boston University	MA	R01AI113157	Repeat-containing RNA Binding Proteins of Trypanosomes	\$409,250
2015	BETH ISRAEL HOSPITAL	MA	R21AI112694	VALIDATION OF A HIGH THROUGHPUT SCREEN FOR KPC PLASMID EVICTION	\$217,500
2015	UNIVERSITY OF MASSACHUSETTS	MA	R37AI067497	Gene Regulation in Innate Immunity	\$418,750
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI108588	Viral persistence & the microbiome in bronchiolitis and risk of recurrent wheeze	\$852,079
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$509,576
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI123001	Cardiovascular Disease Risk in HIV-infected Women: Sex-Specific Mechanisms of Risk and Risk Reduction among REPRIEVE Trial Participants	\$433,611
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI112766	Investigating the Role of the GTPase Arl8b in Plasma Membrane Repair of Mtb-Infected Macrophages	\$265,938
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI115137	Characterization of a Novel Growth and Survival Factor for Human Mast Cells	\$221,355
2015	BETH ISRAEL HOSPITAL	MA	K08AI114958	Demographics Causes and Consequences of B Cell Repertoire Diversity	\$177,444
2015	Trustees Of Boston University	MA	R01AI113927	Rapid molecular diagnostic for chlamydia and gonorrhea at the point-of-care	\$143,666
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$642,281

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	Trustees Of Boston University	MA	U19AI117892	Modeling affinity maturation at molecular resolution	\$1,616,696
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$822,004
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,750
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis crystal proteins as powerful next-generation anthelmintics	\$573,621
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$441,458
2015	Trustees Of Boston University	MA	R01AI110638	Structure and Development of Oocyst and Sporocyst Walls	\$218,750
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$569,518
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	The Graduate Program in Tropical Infectious Diseases (GPiTID)	\$231,848
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$429,080
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$435,000
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$471,776
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$402,123
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$660,708
2015	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$418,750
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	\$133,515
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$475,072
2015	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$390,000
2015	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$338,457
2015	Trustees Of Boston University	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$409,250
2015	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$562,169
2015	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	\$1,058,736
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$435,000
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$788,590
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$46,918,193
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$15,791,310
2015	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	\$859,639

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2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$1,214,907
2015	UNIVERSITY OF MASSACHUSETTS	MA	F32AI120556	Defining the Impact of Neutrophils on Bacterial Environment during Tuberculosis	\$50,690
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$403,750
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$783,256
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI115448	Characterization of Chromatin associated Long non-coding in immunity	\$239,438
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$414,846
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$858,826
2015	MICROBIOTIX, INC	MA	R01AI099269	Validating targets in p. aeruginosa type III secretion using chemical probes	\$649,975
2015	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$182,876
2015	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$678,567
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$552,577
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI103688	IDO & phenotypic switching of VSMC in transplant vasculopathy	\$215,457
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$441,250
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI110882	Role of STIM1 in E. coli Pneumonia	\$207,788
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	\$136,440
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$4,204,548
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	\$176,400
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI110522	Antimicrobial Chemicals in Allergic Disease	\$185,220
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102907	Molecular characterization and substrate identification of malaria kinase PfCDPK5	\$440,417
2015	Trustees Of Boston University	MA	F32AI110023	A Rapid Instrument Free Molecular Diagnostic for B. Pertussis	\$4,201
2015	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI110277	Microfluidic PCR Method to Identify and Characterize HIV-Infected Single Cells	\$0
2015	BROAD INSTITUTE INC	MA	R21AI112704	Development of a small molecule probe targeting non-replicating M. tuberculosis	\$221,250
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110165	Killing the Reservoir with Antibodies	\$235,561
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI110053	Elucidation of structure and dynamics of bacterial biofilms by particle tracking	\$48,120
2015	MICROBIOTIX, INC	MA	R41AI110091	New heterocyclic inhibitors of filoviruses	\$300,000

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2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$741,597
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI109678	Host factors required for Leishmania infection	\$209,375
2015	MICROBIOTIX, INC	MA	R43AI113993	Small Molecule Inhibitors of trans-Translation with Broad Spectrum Antibacterial	\$295,204
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI112652	Global regulators converge to orchestrate metabolism, biofilm, and pathogenesis	\$513,904
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI110787	Multigenerational lineage heterogeneity and metabolic plasticity of CD8 T cells	\$195,000
2015	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI112711	Sulfur DNA modifications in gut microbes confer resistance to oxidative stress	\$234,000
2015	TUFTS UNIVERSITY	MA	R21AI115038	Genetic-based susceptibility to pulmonary tuberculosis	\$263,310
2015	NEXGEN ARRAYS, LLC	MA	R43AI118254	Combined Viral Load and Ultrasensitive Serology Panel for Rapid Ebola Diagnostics	\$224,085
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI117313	Natural Wolbachia infections for the control of Anopheles mosquitoes	\$242,250
2015	TUFTS UNIVERSITY	MA	R01AI113075	Cardiac Cell Entry-Inhibition and Protection Therapy for Chronic Chagas Disease	\$457,750
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119327	Sialic acid analogs as novel immunotherapeutics against multidrug-resistant gonorrhea	\$257,606
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI115023	The role of proteolysis in bacterial biofilm formation	\$265,000
2015	MICROBIOTIX, INC	MA	R44AI100332	Optimization of novel pyranopyridine efflux pump inhibitors	\$961,043
2015	MICROBIOTIX, INC	MA	R43AI120375	Antibiotic potentiators maximizing the formation of open- channel OprF-type outer membrane porins	\$282,826
2015	BROAD INSTITUTE INC	MA	U24AI118668	Low-input multiplex isolation and profiling of human immune cell subsets using an integrated microfluidics device	\$400,000
2015	BROAD INSTITUTE INC	MA	R01AI114855	Elucidating Genetic Determinants of Resistance to Lassa Hemorrhagic Fever	\$764,463
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI119918	Mast cell regulation of Th2 induction and tolerance breakdown in food allergy	\$289,943
2015	TUFTS UNIVERSITY	MA	R21AI115261	Mammalian cell modulation of iron availability for an intravacuolar pathogen	\$247,500
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI119885	Functionally dissecting the transcriptional regulatory network of the innate immune response using CRISPR-effectors	\$251,250
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$418,750
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI112272	Mechanisms of ARF6 function in Shigella entry	\$48,120
2015	STC BIOLOGICS, INC.	MA	R01AI116593	The Role of IgE in Human Schistosomiasis	\$567,308
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$509,002

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2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI120665	Genetic Analysis of Vibrio parahaemolyticus Pathogenicity	\$35,477
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$428,392
2015	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$166,118
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$668,476
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$435,000
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$393,263
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$340,895
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$440,253
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$403,476
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$441,042
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$383,963
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$64,285
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083505	ITK: an emerging target for treatment of T cell-mediated autoimmune disease	\$567,298
2015	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$7,440,564
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI102660	Tuning Fc-effector functions of HIV-specific antibodies	\$876,355
2015	Trustees Of Boston University	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$12,477,891
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$435,000
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$349,100
2015	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$430,863
2015	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$1,625,496
2015	Trustees Of Boston University	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$101,898
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$183,568
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$698,624
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI110046	Dissecting the role of YceG in E. coli cell wall biogenesis	\$30,533
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI111809	Boosting cell-intrinsic innate immune recognition of HIV-1 by dendritic cells	\$586,375

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2015	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$179,631
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$5,679,430
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI113281	Development of a CRISPR interference system for mycobacteria	\$88,375
2015	ARIETIS CORPORATION	MA	R44AI112187	Antibiotics for Recalcitrant Infection	\$1,000,000
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$834,830
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106833	Regulation of anti-viral T cell responses by IRF4	\$418,750
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113798	Natural IgM Sensing of DAMPS	\$220,833
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI098705	Multiplexed targeting of Pseudomonas aeruginosa essential outer membrane proteins	\$402,293
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI108718	The translation apparatus of Leishmania: from basic analysis to pursuit of novel	\$348,720
2015	BOSTON MEDICAL CENTER	MA	R21AI108447	Novel compounds that target HIV latency	\$256,544
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI114223	Function of DepTOR in T Cell Activation and Alloimmunity	\$265,250
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$548,782
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI104755	The mechanism of Shigella flexneri adherence during the early infection process	\$108,000
2015	DANA-FARBER CANCER INSTITUTE	MA	R01AI115698	Thymocyte integrin regulation by plexinD1	\$424,773
2015	Trustees Of Boston University	MA	R21AI121256	Use of Anti-CD52g Antibodies to Prevent HIV Transmission	\$245,550
2015	SYMBIOTIX BIOTHERAPIES INC	MA	R42AI110170	Novel commensal polysaccharide treats multiple sclerosis through Treg modulation	\$2,264,726
2015	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI114622	Role of host fatty acid metabolism in Trypanosoma cruzi amastigote growth	\$397,600
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI118509	TRIM protein-mediated innate immune control of KSHV infection	\$207,026
2015	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI116834	Specification of Treg cells: FOXP3 functional facets	\$423,750
2015	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI120338	Microbial symbionts of marine invertebrates for antibiotic discovery	\$224,356
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI117839	Next generation hybrid nucleases for precise excision of latent HIV-1 provirus	\$931,045
2015	UNIVERSITY OF MASSACHUSETTS	MA	R21AI117317	Lung Imaging	\$251,250
2015	BOSTON MEDICAL CENTER	MA	R01AI122209	CD1a Vaginal Dendritic Cells and HIV-1 Acquisition in the Female Genital Tract	\$445,716
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113439	Novel mechanisms of pathogenesis in idiopathic vaginitis	\$280,604
2015	TUFTS MEDICAL CENTER	MA	R21AI120932	An Ex Vivo 3-D Pre-Clinical Human Enteroid Model for Cryptosporidium	\$247,500

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2015	BOSTON COLLEGE	MA	R56AI110690	Dissecting the mechanism and regulation of Toxoplasma cytokinesis	\$483,696
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI115699	Control of regulatory T cell homeostasis and function by Notch signaling	\$442,084
2015	OCATA THERAPEUTICS INC	MA	R43AI120220	Human embryonic stem cell-derived mesenchymal stromal cell therapy for lupus nephritis	\$225,639
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI120850	Gut microbiome evolution among HIV-exposed uninfected infants in Botswana	\$231,668
2015	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$844,621
2015	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI119457	Borrelia antigen detection assay for urine-based diagnosis of early Lyme disease	\$318,019
2015	NORTHEASTERN UNIVERSITY	MA	R01AI114685	Hit-to-lead discovery for sleeping sickness via industry-academic partnership	\$554,299
2015	UNIVERSITY OF MASSACHUSETTS	MA	R01AI118820	Defining a memory checkpoint for CD4 T cells	\$418,750
2015	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI110397	School Inner-City Asthma Intervention Study	\$1,743,949
2015	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI117841	A Pilot Clinical Trial for HIV-1 Eradication	\$1,908,495
2015	BOSTON COLLEGE	MA	R01AI110724	The bacterial response to antibiotics and the evolution of antibiotic resistance	\$391,250
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$221,646
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$643,226
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$75,355
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI097417	Influenza A Virus Infection of Human Nasal Epithelial Cells	\$405,000
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$280,975
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102966	Advancement of a Defined, Protective, Live Attenuated Tularemia Vaccine	\$713,081
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$581,164
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI111101	Contribution of Certhrax to Virulence of Anthrax-like Bacillus cereus Strain	\$233,309
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114458	Assessing Social Justice in Economic Evaluation to Scale up Novel MDR-TB Regimens	\$349,126
2015	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$545,209
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$567,810
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101713	Genome-wide studies to identify markers of artemisinin-resistant malaria	\$454,763

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$438,858
2015	JOHNS HOPKINS UNIVERSITY	MD	K01AI100681	Cost-Effectiveness of ED HIV Testing Program Agent-Based Modeling Approach	\$129,896
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109187	B Cell immunodeficiency in BENTA disease	\$184,979
2015	J CRAIG VENTER INSTITUTE INC	MD	R21AI109418	Combinatory Genomic Assembly to Assess HSV-1 Phenotypes	\$225,990
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI110229	Genetic Polymorphisms in Rhesus Macaque FcRn and Association with IgG Levels	\$76,750
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI117065	Incentives for Suppression of HIV-1 RNA in People Living with HIV	\$817,836
2015	ZALGEN LABS	MD	R44AI115754	Late-stage development toward commercialization of multilineage point-of-care Lassa fever diagnostics	\$927,590
2015	PROTEIN POTENTIAL LLC	MD	R43AI106158	Live Attenuated Oral Typhoid-Shigellosis Vaccine	\$307,387
2015	UNIVERSITY OF MARYLAND	MD	R21AI107377	Inhibition of the host cell AIM2 inflammasome by Mycobacterium tuberculosis	\$190,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI105619	Midgut Transcriptome and Proteome Analyses: Non-model Anopheline Malaria Vectors	\$240,232
2015	PROFECTUS BIOSCIENCES INC	MD	R44AI114319	An HIV Vaccine Strategy Based on Priming with rVSV Expressing FLSC	\$1,000,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI112351	Persistence and Fate of Invisible U/A Pairs in HIV-1 Proviral DNA	\$150,985
2015	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI118470	A Flexible Approach to Inhibiting HIV NCp7	\$225,659
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI112367	Safety and efficacy of PfSPZ malaria vaccine in malaria-exposed adults	\$661,033
2015	JOHNS HOPKINS UNIVERSITY	MD	R56AI118445	Kupffer Cells and HIV-1 Persistence	\$744,943
2015	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI118158	FASEB SRC on Molecular Pathogenesis: Mechanisms of Infectious Disease	\$6,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21HD085859	Neutralization of the Latent HIV Reservoir in Perinatal Infection	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	K01AI110526	Identifying Transmission Routes for Cholera among Household Contacts of Cases	\$137,713
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$378,132
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI052733	Biology of Fungal Melanin	\$563,341
2015	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$380,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,696,170
2015	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$999,994
2015	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$6,993,955

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	\$135,945
2015	UNIVERSITY OF MARYLAND	MD	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$496,237
2015	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$549,209
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI115063	Function and Mechanism of O-Fucosylation of Malaria Parasite TSR Domain Proteins	\$250,130
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulinitis in Autoimmune Diabetes	\$405,000
2015	UNIVERSITY OF MARYLAND	MD	R01AI106998	A semi field trial test on efficacy of transgenic antimalarial biocontrol fungi	\$291,034
2015	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	\$185,121
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$182,779
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI109657	Prospective Cohort Study of Cryptococcosis	\$655,458
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI115703	Human DC Subtypes in Regulating T-Helper-2 Responses	\$405,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110220	HIV Infection in Bone Marrow: A Reservoir for Viral Persistence	\$191,875
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI109776	Immunoprophylactic Strategies to Control Emerging Enteric Infections	\$4,950,326
2015	UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	MD	R21AI109470	Defining glomerulus-homing peptides for targeted drug delivery in lupus nephritis	\$230,250
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$657,921
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110627	EXPLORATION OF PROTECTIVE IMMUNITY INDUCED BY SALMONELLA COPS: FLIC CONJUGATES	\$383,750
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI110925	Catalysis In the Membrane: Developing Direct Assays for High-Throughput Screening	\$405,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI111072	LAMPoles for Dengue Diagnosis	\$260,021
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI118402	High-throughput measurement and transcriptome analysis of the latent reservoir using HIV-1 RNA flow-FISH	\$202,500
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI117032	A Droplet-based single cell platform for pathogen identification and AST	\$1,256,392
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI108695	Natural infection of norovirus and sapovirus in a birth cohort in a Peruvian periurban community	\$731,587
2015	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R03AI117272	Microwave-Accelerated Metal Enhanced Fluorescence (MAMEF) of CT and GC	\$101,976
2015	UNIVERSITY OF MARYLAND	MD	R21AI117882	New Paradigms for Ribosome Recoding in (+)Strand Viruses	\$222,637

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2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI116296	Modeling interactions between HIV interventions in key populations in India	\$243,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120008	Quantification of the HIV-1 Reservoir by Immuno-PCR	\$218,500
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI114925	Bacterial penetration of the blood-brain barrier	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R03AI111300	RICKETTSIAL INFECTIONS IN MALAYSIA	\$81,000
2015	JOHNS HOPKINS UNIVERSITY	MD	F32AI112208	Analysis of molecular factors influencing variability of mosquito gut microbiota	\$54,194
2015	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$466,227
2015	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$442,864
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$202,499
2015	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	\$128,453
2015	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094906	2011-15 FASEB Summer Conference on Autoimmunity	\$18,000
2015	UNIVERSITY OF MARYLAND	MD	R03AI116380	Development of an HIV reverse transcriptase aptamer-based detection assay	\$76,000
2015	UNIVERSITY OF MARYLAND	MD	R21AI115383	Newcastle Disease Virus Vectored Vaccine against Poliomyelitis	\$190,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$729,341
2015	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$1,083,123
2015	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	\$43,120
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	\$217,406
2015	SANARIA INC	MD	R43AI112165	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$299,999
2015	SANARIA INC	MD	U01AI109700	PfSPZ Challenge with Chemoprophylaxis: Phase 1 Trial to Assess Liver Stage Drug	\$62,806
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI108907	Influenza vaccine failure in adults over age 75: role of chronic CMV infection	\$477,872
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109817	Vitamin D Deficiency, Inflammation and Age-related disease in HIV-Infected Men	\$147,182
2015	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$3,392,437
2015	JOHNS HOPKINS UNIVERSITY	MD	R03AI109297	Manganese-iron interactions in the Lyme disease pathogen Borrelia burgdorferi	\$81,000
2015	BIOLOGICAL MIMETICS, INC	MD	R44AI085683	Development of the first HRV vaccine	\$999,998
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$611,534

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2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$520,000
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI116233	Purging the latent HIV reservoir at ART initiation: A new eradication strategy	\$248,850
2015	INTEGRATED BIOTHERAPEUTICS INC	MD	R01AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$411,925
2015	JOHNS HOPKINS UNIVERSITY	MD	R03AI117169	Impact of decolonization on MRSA transmission in neonates	\$87,642
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI116269	Immune correlates of acute HBV recovery with and without HIV	\$704,503
2015	JOHNS HOPKINS UNIVERSITY	MD	K24AI104830	Multidisciplinary Clinical Research and Mentoring in Tuberculosis Diagnostics	\$160,284
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI118303	Repurposing of ABL kinase inhibitors for treatment of Coronavirus infections	\$52,406
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI110324	HIV Incidence, Transmission Dynamics and Combination HIV Prevention: Rakai Uganda	\$899,960
2015	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118663	Opening a window into immune system signaling at the fg/ml level	\$395,149
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109338	Engineering Herpesviruses using Synthetic Genomics	\$272,115
2015	JOHNS HOPKINS UNIVERSITY	MD	K24AI114769	Mentoring in Patient Oriented Research on Asthma and the Indoor Environment	\$133,091
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI113989	Exploring Anopheles micro RNAs for malaria control	\$202,500
2015	JOHNS HOPKINS UNIVERSITY	MD	R24AI118397	Long-Acting/Extended Release Antiretroviral Resource Program (LEAP)	\$425,452
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI116256	Gag-mediated autophagy in HIV persistence	\$230,250
2015	JOHNS HOPKINS UNIVERSITY	MD	U24AI118633	Development of Highly Multiplex Antigen Specificity Assays	\$399,956
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI119580	Identifying genes essential for Legionella persistence and transmission	\$243,000
2015	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI118112	FASEB Summer Research Conference on Molecular Mechanisms of Immune Cell Development and Function	\$13,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110843	Development of a prototype Klebsiella O polysaccharide conjugate vaccine	\$230,250
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI112209	Characterization of peptidoglycan from the human pathogen Chlamydia trachomatis	\$54,194
2015	UNIVERSITY OF MARYLAND	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$460,402
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110719	Role of sub-activation-threshold TCR interactions in maintaining T cell memory	\$383,692
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110259	HIV-1 acidic epitope discovery from broadly neutralizing seroantibodies	\$383,750

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114555	Integrative Genomics in Asthmatics of African Descent	\$756,056
2015	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$227,616
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	A Genomics Based Investigation of the Determinants of Polymicrobial Infectious Disease Outcomes	\$3,998,367
2015	JOHNS HOPKINS UNIVERSITY	MD	F31AI116316	Ex vivo reversal of HIV-1 latency using PKC-agonist / HDAC inhibitor combinations	\$28,215
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$388,454
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$231,848
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$133,014
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$383,750
2015	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$405,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093635	Immuno-epidemiological epitope mapping of a blood stage malaria vaccine antigen	\$576,424
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$136,754
2015	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$217,879
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093653	Rickettsial Immunity During Tick Transmission	\$372,408
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$410,000
2015	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$2,443,193
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$383,750
2015	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$1,871,345
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vecteded Vaccine to Protect Against Ebola and Marburg Viruses	\$947,203
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	\$383,750
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$261,737
2015	JOHNS HOPKINS UNIVERSITY	MD	R33AI094519	Mucus Penetrating Particles for Rectal Microbicides	\$464,117
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$387,575

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	\$391,088
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106613	The Role of Cell Wall Lipids in Pathogenesis of Rifampin-Resistant TB	\$282,430
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI114288	Long-Term Inhibition of HIV transcription by targeting cellular CDK9 in vivo.	\$191,875
2015	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$1,510,824
2015	PAPIVAX LLC	MD	R43AI112421	Therapeutic/preventive vaccination against MusPV	\$295,392
2015	PROFECTUS BIOSCIENCES INC	MD	R44AI110315	Optimization of a Therapeutic HIVSIV Multi-Antigen DNA Vaccine	\$998,486
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114438	Evaluating Demand Generation (Stylish Man) for HIV/Family Planning Services Rakai	\$777,065
2015	TETRACORE INC	MD	R43AI115869	Rapid Point-of-Care Molecular Test for the Differentiation of Dengue and Chikungunya Viruses	\$169,397
2015	SANARIA INC	MD	R44AI088853	Cryopreservation of Anopheles Embryos	\$980,922
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119566	Sphingosine-1-phosphate signaling in pertussis pathogenesis and therapeutics	\$230,250
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI118505	Effectiveness of combination HIV preventive interventions for young Thai MSM	\$675,228
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI114507	Validation of RelA as a Target for Mycobacterium Tuberculosis Persisters	\$202,500
2015	AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH	MD	R56AI119168	Defining the Immunomodulatory Niche of Schistosoma haematobium IPSE	\$471,174
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$405,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119633	Microbiota Transplantation: Recommendations for a Regulatory Framework	\$191,875
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$405,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$277,267
2015	Emmes Company, LLC, The	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$809,446
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$197,634
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI115016	Functional genomics using auxin-inducible deletion analyses (AIDA)	\$196,636
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$695,997
2015	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$24,530,718
2015	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	\$728,339
2015	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$1,279,706

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2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	\$865,457
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106586	HBV Response to Tenofovir or Lamivudine-Based ART in HIV-HBV Co-Infected Chinese	\$192,498
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI103599	Lipidated Mycobacterium tuberculosis biomarkers in clinical specimens	\$226,328
2015	SCANOGEN INC	MD	R43AI109930	Twist-Sensor: Novel microarrays for multiplex detection of drug resistance	\$299,820
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F30AI114195	The effect of malaria during pregnancy on infant susceptibility to malaria	\$36,946
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI113147	Novel methods for measuring the reservoir of inducible HIV-1 proviruses in restin	\$202,500
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114405	Towards complete sustained release nanoformulations of NRTI based regimens	\$635,790
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI113475	Diagnosis of Strongyloides stercoralis by detection of DNA fragments in urine	\$236,900
2015	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI113959	Infection Site Targeted Antitoxin Antibody (ISTAb) against Clostridium difficile	\$230,063
2015	J CRAIG VENTER INSTITUTE INC	MD	R13AI120533	20th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology (VEME)	\$5,500
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI117201	Role of Autophagy in Malaria Sporozoite Differentiation	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI116787	Comparative Effectiveness/Implementation of TB Case Finding in Rural South Africa	\$640,453
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI119269	Novel antimicrobials targeting type IV pilus and type 2 secretion systems	\$209,911
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI119949	Copper as a nutrient for Candida albicans at the host-pathogen interface	\$467,388
2015	ZALGEN LABS	MD	R43AI120472	Evaluation of fully human Pan-Old World Arenavirus monoclonal antibodies as candidate therapeutics for LCMV infection	\$147,718
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI118606	Isolation of Regulators of Immune Cell Behavior	\$243,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114496	Lymph Node Structure and Function in Tolerance: Role of Laminins	\$383,750
2015	SANARIA INC	MD	R44AI085740	In-Vitro Culture of Plasmodium falciparum Sporozoites for Malaria Vaccine	\$999,996
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI120913	Building TRUST	\$754,023
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI116324	Implementation strategies for a new point-of-care test for early infant diagnosis	\$376,192
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114609	A biodegradable nano-microparticle prime-boost vaccine strategy	\$405,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$643,688

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,000
2015	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$231,848
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$176,113
2015	JOHNS HOPKINS UNIVERSITY	MD	K24AI120834	Mentoring in Endocrine and Metabolic Abnormalities in HIV and Aging	\$177,189
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102680	FcRn-targeted mucosal HIV vaccine	\$746,981
2015	UNIVERSITY OF MARYLAND	MD	R21AI115086	Brain dissemination of Cryptococcus neoformans mediated by neutrophils	\$228,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$830,881
2015	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$318,271
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	\$578,551
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	\$136,739
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI108535	Toxin-antitoxins & RpsA in TB drug resistance & persistence with HIV	\$199,694
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$405,000
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI110214	Susceptibility of antigen-specific CD4 T cells to HIV: implications for HIV vacci	\$46,516
2015	JOHNS HOPKINS UNIVERSITY	MD	F32AI110028	The POA-RpsA interaction in trans-translation inhibition in M. tuberculosis	\$54,194
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109259	Molecular pathogenesis and host response following persistent E6/E7 expression	\$243,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$219,749
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI112763	The role of TAX1BP1 in the innate immune response to virus infection	\$243,000
2015	BIOLOGICAL MIMETICS, INC	MD	R43AI120260	Development of a New Low-Cost Poliovirus Vaccine (Ir-IPV): Feasibility study with PV-2	\$224,887
2015	JOHNS HOPKINS UNIVERSITY	MD	R56AI118753	Macrophage Polarization in SIV Infection and Latency	\$772,744
2015	PLANTVAX INC	MD	R43AI118485	Augmentation of HIV Env vaccine efficacy by DC targeting	\$224,813
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI117168	vIRF-1 regulation of mitophagy in HHV-8 biology	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI119540	The Role of a Dehalogenase in Drosophila Spermatogenesis	\$234,247
2015	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,161,920

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2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Infection and Vaccination in Humans	\$469,830
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$191,875
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,101,289
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$377,783
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,422,677
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$405,000
2015	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	\$999,995
2015	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$1,904,690
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$379,781
2015	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$699,315
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$375,000
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$984,776
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$770,085
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$405,000
2015	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$1,553,871
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI115217	Phosphotyrosine-mediated regulation of enterohemorrhagic E. coli virulence	\$230,250
2015	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$2,670,224
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI110844	The autophagic pathway and atopic asthma: role of IL-33 and ST2	\$202,500
2015	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$185,121
2015	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$129,784
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$442,767
2015	AKONNI BIOSYSTEMS INC	MD	R44AI085650	Diagnostic array for aseptic encephalitis	\$990,390
2015	J CRAIG VENTER INSTITUTE INC	MD	U19AI110819	The J. Craig Venter Institute Genome Center for Infectious Diseases	\$6,200,723

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109062	Lineage Commitment of Mesenchymal Stem Cell in Allergen-induced Airway Remodeling	\$202,500
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI116799	Longitudinal Study of the Vaginal Microbiome Prior To Incident STI	\$745,886
2015	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI118149	FASEB SRC on Signal Transduction in the Immune System	\$7,000
2015	RAKTA THERAPEUTICS, INC.	MD	R41AI113998	Selective inhibitors of Heme Transporters as Antiparasitic Agents	\$350,126
2015	MESO SCALE DIAGNOSTICS LLC	MD	U24AI118660	Highly Sensitive and Specific MSD Multiplexed Autoimmune Disease Panel	\$395,359
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI111767	Progress In Understanding Type IV Pilus Biogenesis	\$455,210
2015	JOHNS HOPKINS UNIVERSITY	MD	UH2AI122309	Statins as Adjunctive, Host-Directed Therapy for TB	\$599,710
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI117734	Vaccines and maternally acquired immunity to prevent shigellosis in children	\$375,939
2015	JOHNS HOPKINS UNIVERSITY	MD	K24AI118591	Patient-Oriented Research and Mentorship in HIV and Non-Communicable Diseases	\$154,146
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$364,500
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$196,224
2015	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$280,827
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,320,963
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$394,401
2015	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,886,900
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$548,945
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	\$419,428
2015	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$1,035,051
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$372,888
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$671,196
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI018797	Differentiative Signals for Macrophage Activation	\$506,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI110045	Structure and Function of Type IV Pili in Clostridium difficile	\$56,042

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2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI113910	The use of genetically humanized IL-10 mice to determine the molecular basis of allele-specific gene expression and disease susceptibility	\$405,000
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$511,648
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI112838	Age and testosterone effects on responses to influenza infection and vaccination	\$202,500
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109405	Transcriptional Control of Helicobacter pylori Virulence	\$189,891
2015	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC)	\$1,648,842
2015	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$400,757
2015	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$168,130
2015	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI106162	In vivo conjugated multivalent toxoid-polysaccharide vaccine for S. aureus	\$299,996
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI114703	LINKING ANTIGENIC & GENETIC VARIATION OF DENGUE TO INDIVIDUAL AND POPULATION RISK	\$789,253
2015	SANARIA INC	MD	R43AI118185	Development of a whole parasite Plasmodium falciparum sexual and mosquito stages Vaccine to Interrupt Malaria Transmission	\$300,750
2015	UNIVERSITY OF MARYLAND	MD	R21AI119788	Fumagillin Derivatives as Novel Antigiardiasis and Antiamebiasis Drugs	\$208,998
2015	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI120367	FASEB SRC on Nutritional Immunology: Role in Health and Disease.	\$7,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI109388	Herpesvirus Deubiquitylase: Virion Substrates and Autocatalytic Activity	\$324,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R21AI119547	The Role of ARNO-Arf6 signaling in barrier stability and chronic rhinosinusitis	\$243,000
2015	JOHNS HOPKINS UNIVERSITY	MD	R01AI120024	A mouse viral outgrowth assay for the detection of residual HIV-1 reservoirs	\$405,000
2015	UNIVERSITY OF MARYLAND	MD	R01AI116620	BBA57-Mediated Borrelial Persistence, Genesis of Inflammation and Immunity	\$380,000
2015	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI114902	Structure and Function of Clostridium difficile Type IV Pili	\$546,743
2015	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-containing Virulence Regulators of Pathogenic Streptococci	\$453,298
2015	JACKSON LABORATORY (THE)	ME	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$472,500
2015	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$383,750
2015	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$319,605
2015	TSRL, INC	MI	R44AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$997,904

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2015	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$343,810
2015	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$298,982
2015	MICHIGAN STATE UNIVERSITY	MI	R21AI111192	Disease dynamics of campylobacteriosis in the ferret model	\$230,250
2015	Regents of the University of Michigan	MI	R03AI109204	Deciphering T cell repertoire using DNA-barcoded MHC-peptide tetramers	\$70,432
2015	Regents of the University of Michigan	MI	R21AI111182	Homocitrate Synthase Inhibitors as Novel Antifungal Agents for Aspergillus	\$193,750
2015	CENTRAL MICHIGAN UNIVERSITY, WCMU-TV CHANNEL 14	MI	R15AI117670	Chemoenzymatic Synthesis of Trehalose Analogs as Tools for Investigating Mycobacteria	\$420,085
2015	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$341,779
2015	Regents of the University of Michigan	MI	R01AI091627	Notch Signaling in Alloimmunity	\$382,503
2015	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Microbiota and Allergic Asthma Precision Prevention (MAAP2)	\$2,124,181
2015	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	\$388,750
2015	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$140,400
2015	ONCOIMMUNE INC	MI	R43AI108115	Targeting endogenous sialidases for treatment of endotoxic shock	\$195,452
2015	Regents of the University of Michigan	MI	R21AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$236,823
2015	Regents of the University of Michigan	MI	U19AI116482	Engineered human intestinal organoids: a modular system to model enteric disease	\$1,226,729
2015	Regents of the University of Michigan	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$375,258
2015	GRAND VALLEY STATE UNIVERSITY	MI	R15AI082416	Biochemical and structural analysis of emerging resistance threats in Acinetobacter baumannii	\$401,272
2015	Regents of the University of Michigan	MI	R21AI117561	Enhancing resistance to enteric pathogens	\$232,500
2015	Regents of the University of Michigan	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$382,321
2015	TSRL, INC	MI	R43AI112185	Nucleoside Phosphonate Analogs for the Treatment of Adenoviral Infection	\$299,360
2015	Regents of the University of Michigan	MI	R21AI109791	HCV biology and inhibition visualized at the single molecule level	\$194,375
2015	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	\$77,542
2015	Regents of the University of Michigan	MI	F31AI118274	Trafficking of host proteins into Toxoplasma via a novel ingestion pathway	\$34,044
2015	Regents of the University of Michigan	MI	R21AI120599	Host and Microbial Biomarkers Related to the Development of Complicated Clostridium difficile Infection	\$232,500
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI110894	FcRg-deficient human NK cells with protein Ab-dependent, anti-viral responsiveness	\$383,155

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2015	Regents of the University of Michigan	MI	R01AI106806	Dynamic regulation of B cell recruitment in T-dependent humoral immune response	\$414,906
2015	Regents of the University of Michigan	MI	R21AI116416	T. GONDII CHLOROQUINE RESISTANCE TRANSPORTER AND REDOX	\$193,854
2015	Regents of the University of Michigan	MI	R56AI049294	Organization and function of a type II secretion complex	\$393,171
2015	NOTA LABORATORIES LLC	MI	R41AI120443	S-Nitrosothiol-Based Rinse/Aerosol Solutions For Treatment/Prevention of Rhinosinusitis	\$232,832
2015	MICHIGAN STATE UNIVERSITY	MI	R03AI111054	Virus like particles as carriers for carbohydrate based anti-Salmonella vaccines	\$76,750
2015	Regents of the University of Michigan	MI	R01AI110780	Novel Structure-Based Rifamycins for Drug-resistant TB and HIV Co-infection	\$373,580
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI113257	Rapid in-field malaria diagnosis, prognosis and monitoring using a mobile phone	\$478,505
2015	Regents of the University of Michigan	MI	K23AI091623	Phase II Trial of Vorinostat plus Tacrolimus and Mycophenolate to Prevent GVHD	\$132,300
2015	CALVIN COLLEGE	MI	R15AI096991	Roles of endothelial cells in HIV infection and latency in resting CD4+ T cells	\$306,572
2015	Regents of the University of Michigan	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$489,229
2015	Regents of the University of Michigan	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell developmen	\$387,412
2015	Regents of the University of Michigan	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$559,743
2015	Regents of the University of Michigan	MI	R21AI103364	Fatty Acids & Risk of Dengue Hemorrhagic Fever	\$197,208
2015	Regents of the University of Michigan	MI	R21AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$232,498
2015	Regents of the University of Michigan	MI	R21AI119463	Oral Microbiota and Influenza Infection	\$310,837
2015	Regents of the University of Michigan	MI	R21AI115117	B Cell Exosome and Nanoparticle Treatment of Allergic Asthma	\$232,500
2015	Regents of the University of Michigan	MI	R00AI093884	CELLULAR AND MOLECULAR BASIS OF GAMMA/DELTA T CELL ANTIGEN RECOGNITION	\$240,245
2015	WAYNE STATE UNIVERSITY	MI	R01AI118992	Dissecting the Functional Domains of Infected Cell Protein 0 of Herpes Simplex Virus 1	\$374,834
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI120189	To eradicate the HIV macrophage reservoir	\$199,728
2015	HENRY FORD HEALTH SYSTEM	MI	R01AI110450	EPIDEMIOLOGY OF ALLERGIC DISEASE ENDOTYPES	\$185,625
2015	Regents of the University of Michigan	MI	R01AI094563	Sexual Modulation of HIV-Revelant Vaginal Immunity	\$388,474
2015	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$343,317
2015	WAYNE STATE UNIVERSITY	MI	R01AI119446	Optimizing clinical use of Polymyxin B: Teaching an old drug to treat superbugs	\$924,298

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2015	WAYNE STATE UNIVERSITY	MI	R21AI109266	Impact of daptomycin dose exposure on biofilm embedded Enterococci resistance	\$190,000
2015	Regents of the University of Michigan	MI	R21AI114220	Respiratory viral infection and microRNA in children with asthma	\$232,813
2015	Regents of the University of Michigan	MI	R56AI120526	Early Life Rhinovirus Infection and Childhood Asthma	\$439,106
2015	Regents of the University of Michigan	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$369,900
2015	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on Immune Responses	\$431,392
2015	Regents of the University of Michigan	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,321
2015	Regents of the University of Michigan	MI	R33AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$465,000
2015	Regents of the University of Michigan	MI	R21AI110907	Development of a human norovirus cell culture model	\$188,050
2015	HENRY FORD HEALTH SYSTEM	MI	R56AI119041	microRNAs and NKT cell development and function	\$371,250
2015	Regents of the University of Michigan	MI	R21AI120815	Effects of lymphoid tissue stromal cells on cell-to-cell HIV-1 spread	\$186,260
2015	Regents of the University of Michigan	MI	R56AI120954	Molecular Mechanisms of HIV Innate Immune Evasion	\$334,300
2015	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,817,796
2015	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$387,500
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$325,820
2015	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$377,072
2015	Regents of the University of Michigan	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$579,863
2015	Regents of the University of Michigan	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$349,875
2015	Regents of the University of Michigan	MI	R21AI111192	Disease dynamics of campylobacteriosis in the ferret model	\$1
2015	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	\$389,397
2015	Regents of the University of Michigan	MI	R21AI107421	Asymptomatic Gametocytemia and Malaria: Implications for Plasmodium Transmission	\$190,839
2015	Regents of the University of Michigan	MI	U19AI110502	Epigenomics of Systemic Autoimmunity	\$608,503
2015	WAYNE STATE UNIVERSITY	MI	R21AI111103	Validation of a novel diagnostic, prognostic assay for bacterial vaginosis	\$152,000
2015	Regents of the University of Michigan	MI	R21AI107184	Genome-wide identification of virulence genes in Acinetobacter baumannii in vivo	\$233,250
2015	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$207,058
2015	Regents of the University of Michigan	MI	R01AI117229	miR-29b and autophagy regulate alveolar macrophage function post-BMT	\$455,324
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$377,500

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2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$405,807
2015	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,894,949
2015	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,712,960
2015	MAYO CLINIC	MN	R01AI089713	Pathophysiology of cholangiocyte responses to microbial pathogens	\$354,825
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$203,540
2015	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$475,237
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI117173	Dynamics of Anaplasma phagocytophilum infection through tick development	\$228,000
2015	MAYO CLINIC	MN	R21AI114833	Measles virus as a tool for iPSC-independent tissue specific reprogramming	\$198,750
2015	MACALESTER COLLEGE	MN	R15AI113620	Contributions of mast cells to intersections of allergy and pain pathways	\$425,449
2015	MAYO CLINIC	MN	R21AI116839	Enhanced Ascertainment of Asthma Status Via Natural Language Processing	\$198,750
2015	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$205,548
2015	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	\$369,045
2015	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	\$1,060,377
2015	MAYO CLINIC	MN	R01AI096967	Immunovasive Mucosal Vaccines Against HIV-1	\$824,602
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$380,000
2015	UNIVERSITY OF MINNESOTA	MN	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	\$380,000
2015	MINNETRONIX INC	MN	R41AI120304	Development of a Novel Therapeutic Approach for Cryptococcal Meningitis	\$224,917
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T Cells	\$380,000
2015	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$397,500
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI113406	Developing methods to engineer therapeutic proteases	\$219,361
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T35AI118620	Medical Student Summer Research Program in Infection and Immunity	\$24,408
2015	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$177,040
2015	MAYO CLINIC	MN	R01AI091594	Novel Electrochemical Bandage for Treatment of Wound Infections	\$394,250
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$248,778
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$371,389

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2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI116678	Generation and function of "long-lived effector" memory CD8 T cells	\$378,200
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI114050	Investigating self tolerance in the polyclonal CD4 T cell repertoire	\$54,194
2015	WILSON WOLF MANUFACTURING CORPORATION INC	MN	R44AI118693	Overcoming the last barrier to commercialization of virus-specific T cell therapy	\$1,599,561
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U24AI118635	Multiplex immune analysis of antigen specific CD4+ T cells in autoimmune diabetes	\$399,999
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI120601	Pathway for functional characterization of hypothetical genes and non-coding RNAs of Enterococcus faecalis	\$228,000
2015	MINNETRONIX INC	MN	R41AI120751	Directed Antifungal Therapy for HIV-associated Cryptococcal Meningitis	\$224,976
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI119896	Capturing Alphavirus Pre-Fusion Intermediates on a TEM Grid	\$225,400
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI064046	APOBEC3 Proteins in HIV Restriction	\$376,290
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI120312	Protection from cerebral malaria in mice by cytokine-stimulated NK cells	\$52,406
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$382,121
2015	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$369,635
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$262,872
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$327,477
2015	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$380,000
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	\$367,586
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$190,000
2015	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$1,709,312
2015	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$508,191
2015	MAYO CLINIC	MN	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$400,925
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI102625	Vaccine Design to Concentrate Protective Antibodies at the Mucosal Border	\$747,607
2015	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$397,500
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI114722	The role of bile acid metabolism recovery in treatment of C. difficile infection	\$226,254
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K25AI118476	Mathematical modeling and analysis of HIV care trajectories and retention in care challenges	\$129,978

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	MAYO CLINIC	MN	R01AI120698	Evaluating the role of the novel apoptosis inhibitor TRAILshort, in maintaining HIV persistence.	\$505,728
2015	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$445,159
2015	UNIVERSITY OF MINNESOTA	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$380,000
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDCI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$999,893
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI107543	Immunosuppression by leukocyte ADAM17 during sepsis	\$190,000
2015	SYNTIRON LLC	MN	R43AI115908	A Multivalent Lipoprotein Vaccine to Prevent S. aureus Cutaneous Infections	\$298,656
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI116305	Dual Mechanisms for APOBEC3 Suppression by HIV-1 Vif	\$30,610
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI114013	Preclinical Evaluation of a Novel rLCMV Single-Cycle Vectored CMV Vaccine	\$342,000
2015	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$394,250
2015	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$535,742
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$10,865
2015	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$476,129
2015	UNIVERSITY OF MINNESOTA	MN	R21AI116211	Therapeutic vaccination targeting SIV viral reservoirs	\$189,009
2015	SYNTIRON LLC	MN	R43AI109845	A Novel Vaccine to Prevent Urinary Tract Infections	\$231,517
2015	UNIVERSITY OF MINNESOTA	MN	UM1AI120197	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT): START	\$31,790,994
2015	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$397,500
2015	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$397,500
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI091974	Preclinical Assessment of Novel Combination Therapy to Restore and Prolong Regula	\$374,508
2015	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$451,817
2015	UNIVERSITY OF MINNESOTA	MN	K22AI110581	Harnessing microRNAs to explore influenza virus immunity	\$162,000
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI120130	Pig-to-Monkey Islet Xenotransplantation	\$1,005,885
2015	HENNEPIN LIFE SCIENCES	MN	R43AI120329	Novel Agents to Prevent Urinary Tract Infections	\$187,312
2015	HENNEPIN HEALTHCARE RESEARCH INSTITUTE	MN	R21AI115416	Infection Prevention in Total Knee Replacement	\$182,283
2015	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K99AI114884	iNKT cells regulate IL-4 homeostasis and autoimmunity	\$93,510
2015	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$555,091
2015	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$304,000
2015	WASHINGTON UNIVERSITY	MO	T32AI007163	Training Program in Immunology	\$520,396

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2015	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$440,253
2015	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$227,200
2015	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$380,000
2015	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	\$376,607
2015	WASHINGTON UNIVERSITY	MO	R21AI119917	NOVEL NEMATODE MODELS FOR VIRAL INFECTION	\$228,750
2015	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$151,205
2015	WASHINGTON UNIVERSITY	MO	R21AI115734	CHROMATIN-BASED DISCOVERY AND FUNCTION OF NOVEL TCR REGULATORY ELEMENTS	\$228,750
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112725	A cyclic di-GMP signaling system of spores of Bacillus anthracis	\$226,163
2015	WASHINGTON UNIVERSITY	MO	R03AI120840	NANOSCALE ARCHITECTURE OF ESCRT MACHINERY IN HIV RELEASE	\$76,250
2015	WASHINGTON UNIVERSITY	MO	K08AI120854	CONTROL OF HIV REPLICATION BY CYCLIN L2	\$164,519
2015	WASHINGTON UNIVERSITY	MO	R56AI119083	INHIBITORY RECEPTORS IN IMMUNITY AGAINST LETHAL ACUTE VIRUS INFECTION	\$381,250
2015	WASHINGTON UNIVERSITY	MO	P01AI116501	Pathways Regulating Lung Transplant Tolerance	\$1,460,137
2015	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$381,250
2015	WASHINGTON UNIVERSITY	MO	F32AI115965	Elucidating the role of heat shock protein 101 in malaria effector protein export	\$52,406
2015	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$366,279
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091588	Parvovirus-Cell Interactions	\$299,088
2015	WASHINGTON UNIVERSITY	MO	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$381,250
2015	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$380,000
2015	WASHINGTON UNIVERSITY	MO	R21AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$204,221
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$341,101
2015	SAINT LOUIS UNIVERSITY	MO	R21AI112919	Next Generation Sequencing based analysis of RNA polymerase functions	\$227,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	WASHINGTON UNIVERSITY	MO	R01AI110481	MACROPHAGE FATTY ACID METABOLISM IN IMMUNITY TO HELMINTHS	\$381,250
2015	WASHINGTON UNIVERSITY	MO	R01AI111605	INTERFERON SIGNAL ENHANCERS AS ANTIVIRAL THERAPEUTICS	\$440,934
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI080870	HuR in Allergic Asthma and T cell Differentiation	\$363,551
2015	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$1,116,525
2015	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$380,000
2015	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$330,000
2015	WASHINGTON UNIVERSITY	MO	F32AI112274	Mechanism of IFIT-Mediated Antiviral Effects	\$56,042
2015	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	\$380,000
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	\$187,602
2015	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$381,250
2015	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	\$1,275,155
2015	WASHINGTON UNIVERSITY	MO	R01AI108749	EBPA-FIBROGEN INTERACTION IN ENTEROCOCCUS FAECALIS CAUTI	\$381,250
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI119634	IL-1 Immunopathology of Brucellosis	\$230,250
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI120860	Structural studies of HIV Capsid with host factors and Capsid-targeting antivirals	\$465,907
2015	WASHINGTON UNIVERSITY	MO	R01AI113118	UNDERSTANDING AUTOREACTIVE T CELL PATHOGENICITY	\$381,250
2015	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$157,500
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$383,750
2015	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$430,048
2015	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	\$380,000
2015	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	\$126,838
2015	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	\$442,806
2015	WASHINGTON UNIVERSITY	MO	R01AI097119	STRUCTURE AND FUNCTION OF PHOSPHOETHANOLAMINE METHYLTRANSFERASES: NEW ANTI-PARAS	\$228,000

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2015	WASHINGTON UNIVERSITY	MO	R21AI109623	GLYCAN PRECURSOR TRANSPORT IN CRYPTOCOCCUS NEOFORMANS	\$190,625
2015	WASHINGTON UNIVERSITY	MO	R01AI112508	IDENTIFICATION OF THE ANTIMALARIAL TARGET OF PEPSTATIN ESTERS	\$381,250
2015	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI103618	Post-transcriptional Regulation of Cytokine Production	\$226,500
2015	WASHINGTON UNIVERSITY	MO	R01AI114551	AUTOIMMUNE DIABETES: EARLY EVENTS IN ISLETS OF LANGERHANS	\$230,575
2015	WASHINGTON UNIVERSITY	MO	R21AI115442	NOVEL ANTIVIRAL IMMUNITY IN C. ELEGANS	\$228,750
2015	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$222,535
2015	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$380,000
2015	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$306,903
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$404,169
2015	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$405,180
2015	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$380,000
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$751,724
2015	SAINT LOUIS UNIVERSITY	MO	R03AI109460	Hepatitis B Virus diversity and ribonuclease H inhibitor efficacy	\$75,750
2015	FIMBRION THERAPEUTICS INC	MO	R43AI106112	Anti-virulence FimH inhibitors for the treatment and prevention of UTIs	\$269,019
2015	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	\$381,250
2015	INTACT GENOMICS INC	MO	R43AI118086	Activate Silent and Cryptic Intact Fungal SM Gene Clusters through FACs for Novel Antibiotics Discovery	\$211,454
2015	SAINT LOUIS UNIVERSITY	MO	R03AI111047	A High throughput Reverse Genetics System for Hepatitis C Virus	\$75,750
2015	WASHINGTON UNIVERSITY	MO	R21AI114549	ENDOTHELIAL FACTORS IN CRYPTOCOCCAL MIGRATION ACROSS THE BLOOD-BRAIN BARRIER	\$228,750
2015	WASHINGTON UNIVERSITY	MO	R01AI114635	ROLES OF SIALIDASE IN G. VAGINALIS-HOST INTERACTIONS DURING BACTERIAL VAGINOSIS	\$619,381
2015	WASHINGTON UNIVERSITY	MO	R01AI118426	Molecular Basis of Human Toxoplasmosis	\$537,541
2015	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$640,779
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI110420	TCR signal transduction in the regulation of T cell memory	\$360,067

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2015	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$380,000
2015	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$417,585
2015	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$506,896
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$375,233
2015	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	\$295,362
2015	WASHINGTON UNIVERSITY	MO	R01AI094098	DESIGNING SELECTIVE INHIBITORS OF CALCIUM-DEPENDENT KINASES IN PARASITES	\$294,939
2015	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$380,000
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112782	Transgenic Resistance of Aedes aegypti to the Four Serotypes of Dengue Virus	\$191,875
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112399	Mechanism of Vpu action: the rest of the story	\$226,102
2015	SAINT LOUIS UNIVERSITY	MO	R01AI104494	A screen for antiviral compounds targeting the Hepatitis B Virus ribonuclease H	\$337,500
2015	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$6,435,264
2015	WASHINGTON UNIVERSITY	MO	R21AI105435	IDENTIFICATION OF HOST GENETIC DETERMINANT CAUSING SEVERE INFLUENZA PATHOGENESIS	\$244,746
2015	WASHINGTON UNIVERSITY	MO	R21AI105298	THE ROLE OF UBIQUILINS IN INNATE IMMUNITY TO TUBERCULOSIS	\$190,625
2015	WASHINGTON UNIVERSITY	MO	K22AI119367	Memory CD8 T cell-mediated antiviral protection of the peripheral nervous system	\$162,000
2015	WASHINGTON UNIVERSITY	MO	R21AI119928	DETECTION AND DISCOVERY OF VIRUSES IN PEDIATRIC ACUTE LIVER FAILURE	\$228,750
2015	WASHINGTON UNIVERSITY	MO	R21AI120606	CHROMATIN-BASED DISCOVERY OF ILC GENE REGULATORY CIRCUITS	\$228,750
2015	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$353,398
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$579,079
2015	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$304,000
2015	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$380,000
2015	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$380,000
2015	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	\$387,000
2015	SAINT LOUIS UNIVERSITY	MO	R01AI106498	Aspartic Protease Inhibitors as Novel Antimalarials	\$186,380

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2015	WASHINGTON UNIVERSITY	MO	R01AI106561	LIVER-RESIDENT NATURAL KILLER CELLS, VIRAL INFECTION, HEPATITIS AND MEMORY	\$192,759
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112417	Capsid-Targeting Small Molecules Blocking HIV through Novel Mechanism of Action	\$226,102
2015	WASHINGTON UNIVERSITY	MO	R21AI110712	ROLE OF PFHO-1 IN P. FALCIPARUM INTRAERYTHROCYTIC DEVELOPMENT	\$228,750
2015	INTACT GENOMICS INC	MO	R44AI094885	Expanding small molecule functional metagenomics through shuttle BAC expression i	\$861,013
2015	WASHINGTON UNIVERSITY	MO	R01AI118852	Topological Mechanisms of DNA Break Repair in Lymphocytes	\$381,250
2015	SAINT LOUIS UNIVERSITY	MO	R03AI115321	Frequency and pattern of resistance mutations to novel inhibitors of HSV-1	\$75,750
2015	WASHINGTON UNIVERSITY	MO	R21AI120673	SYNTHESIS OF CATIONIC STEROID COMPOUNDS FOR DETECTION OF BACTERIAL INFECTIONS	\$203,125
2015	WASHINGTON UNIVERSITY	MO	R21AI119506	MECHANISMS OF EXTRACORPOREAL PHOTOPHERESIS IN THE TREATMENT OF LUNG ALLOGRAFT REJECTION	\$228,750
2015	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R03AI109334	Micro-evolution of Arthritogenic Mycoplasma hominis in a Single Patient	\$76,750
2015	WASHINGTON UNIVERSITY	MO	R01AI111914	ROLE OF INDUCIBLE BRONCHUS ASSOCIATED LYMPHOID TISSUE IN LATENT TUBERCULOSIS	\$826,347
2015	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI117808	Galectins in Bti tolerance and resistance in the mosquito Aedes aegypti	\$226,500
2015	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$614,980
2015	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$701,779
2015	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,567,435
2015	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$342,000
2015	WASHINGTON UNIVERSITY	MO	R01AI029549	Chaperone-Assisted Pili Assembly in Pathogenic E. Coli	\$381,250
2015	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$375,000
2015	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$342,000
2015	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$643,980
2015	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	\$603,358
2015	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	\$168,709
2015	WASHINGTON UNIVERSITY	MO	R56AI080792	ELUCIDATING & DISRUPTING PLASMODIUM RECEPTOR-LIGAND INTERACTIONS	\$381,250

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2015	WASHINGTON UNIVERSITY	MO	R56AI114593	REGULATION OF LYMPHOCYTE METABOLISM AND HOMEOSTATIS BY THE C-MYC/AP4 AXIS	\$381,250
2015	WASHINGTON UNIVERSITY	MO	K08AI113184	THE MICROBIOTA AND MUCOSAL IMMUNE RESPONSES IN THE DEVELOPMENT OF ASTHMA	\$156,780
2015	WASHINGTON UNIVERSITY	MO	K22AI116258	Identification of novel protein-RNA interactions during HIV-1 particle genesis	\$162,000
2015	WASHINGTON UNIVERSITY	MO	R21AI119684	CYCLIC PEPTIDE INHIBITORS OF BACTERIAL TYPE IV SECRETION SYSTEMS	\$190,625
2015	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$379,020
2015	MISSISSIPPI STATE UNIVERSITY	MS	R01AI116744	Genome Based Influenza Vaccine Strain Selection using Machine Learning	\$381,704
2015	MONTANA STATE UNIVERSITY	MT	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$85,000
2015	MONTANA STATE UNIVERSITY	MT	R21AI111145	Microbial Polyamine-Mediated Reductions in Vaginal Acidity; A Mechanistic Underst	\$180,000
2015	MONTANA STATE UNIVERSITY	MT	R01AI113330	Resuscitation of P. aeruginosa biofilm cells from dormancy	\$324,000
2015	UNIVERSITY OF MONTANA	MT	R21AI120490	Characterization of the pH-sensing interface of the arenavirus envelope glycoprotein GPC	\$230,483
2015	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$356,250
2015	MONTANA STATE UNIVERSITY	MT	K22AI106948	Understanding the bottleneck on axon-to-cell spread of alphaherpesviruses	\$108,000
2015	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$356,480
2015	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$349,963
2015	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750
2015	UNIVERSITY OF MONTANA	MT	R15AI119798	Role of GroEL in pathological angiogenesis during bartonellosis	\$429,984
2015	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$101,860
2015	MONTANA STATE UNIVERSITY	MT	R21AI119772	Development of novel, safe and efficacious Coxiella burnetii vaccine	\$216,000
2015	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$23,561,055
2015	Duke University	NC	R01AI093257	Evolution of Cryptococcus neoformans Strains from Patients with HIV/AIDS	\$300,284
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$119,903
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$327,483

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2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$2,115,911
2015	Duke University	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$2,577,651
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$848,011
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109965	Discovery of New Innate Immune Pathways in Viral Recognition	\$2,863,677
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113736	RSV, Keratins and Distal Airway Infection	\$190,000
2015	Duke University	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$655,249
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111667	Targeting SecA1 of Mycobacterium tuberculosis for Novel Drug Development	\$230,399
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	\$32,930
2015	Duke University	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	\$371,737
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI117844	A Pilot Trial of the effect of Vorinostat and AGS-004 on Persistent HIV-1 Infection	\$1,421,482
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI106196	The Evolution of Lactate Catabolism and Nitric Oxide Resistance in Staphylococci	\$0
2015	Duke University	NC	R34AI108512	Efficacy of Antiviral Suppression Therapy after Neonatal HSV Infection of the CNS	\$249,780
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115752	Human CD8+ T Cell Tolerance by Nondepleting Humanized CD8-Specific Antibody	\$236,208
2015	Duke University	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$456,898
2015	Duke University	NC	R01AI118903	HOST GENETIC VARIATION REGULATING SALMONELLA INVASION AND DISEASE SUSCEPTIBILITY	\$182,778
2015	Duke University	NC	R01AI079088	Regulating peripheral T cell tolerance	\$394,167
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$378,128
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$4,144,540
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$463,129
2015	Duke University	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$431,283
2015	Duke University	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$287,085
2015	Duke University	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$382,798

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$368,389
2015	Duke University	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$128,817
2015	Duke University	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$123,759
2015	AGILE SCIENCES INC	NC	R44AI092952	Development of novel anti-biofilm compounds for treating chronic wounds	\$635,323
2015	Duke University	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	\$769,549
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI102561	Evaluation of SARS-CoV 2'O Methyltransferase Mutants	\$24,805
2015	Duke University	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$165,955
2015	Duke University	NC	F32AI109834	The role of host RNA-binding proteins in regulating dengue virus replication	\$11,649
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114310	Spurring Innovation in HIV Testing and Linkage: A Crowdsourcing Approach	\$647,259
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI117575	Genetic and mechanistic dissection of a lethal systemic virus infection	\$190,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113201	Endothelial Cell Uptake of Infected Erythrocytes in Cerebral Malaria	\$186,754
2015	Duke University	NC	P01AI110485	Integrase Defective Lentiviral Vector (IDLV)-ENV Immunogen Strategy for an HIV Vaccine	\$1,848,708
2015	Duke University	NC	T32AI052077	Basic Immunology Training Program	\$183,318
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,610,092
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$287,704
2015	Duke University	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$422,664
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$372,651
2015	Duke University	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	\$384,013
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$205,862
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	\$370,000
2015	Duke University	NC	R21AI109531	The role of cyclic-di-AMP in the regulation of Chlamydia cellular functions	\$196,250
2015	Duke University	NC	K02AI093866	Independent Scientist Award for Radiation Research	\$100,197

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	\$421,189
2015	Duke University	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$28,738,989
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$423,639
2015	Duke University	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$436,559
2015	Duke University	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$636,143
2015	Duke University	NC	R21AI110191	Intervening with Latent HIV-1 Infection using Gnidimacrin	\$198,126
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	\$168,616
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI114231	The Mammalian NRAMP family as Alphavirus Pathogenesis Determinants	\$30,124
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107949	Epidemiological and Spatial Models of Malaria Transmission	\$578,468
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$441,769
2015	CLINICAL SENSORS, INC.	NC	R41AI112064	Nitric Oxide Microfluidic Sensor	\$300,000
2015	VIAMET PHARMACEUTICALS INC	NC	R33AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	\$373,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI120613	Phase Variation of Clostridium difficile Flagella and Toxin Production	\$30,872
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119073	Role of caspase-11 in innate immunity	\$354,839
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114320	Reaching Unaware Sexual and Social Contacts to Interrupt Ongoing HIV Transmission	\$627,323
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108368	The PHASES Project: Pregnancy and HIV/AIDS-Seeking Equitable Study	\$815,691
2015	Duke University	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$11,286,280
2015	Duke University	NC	R21AI119707	Regulation of T cell exhaustion by microRNA-720	\$237,750
2015	Duke University	NC	R01AI068804	Host Susceptibility to S. aureus	\$712,006
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI115205	Effectiveness and Safety of Tdap Immunization in Pregnancy	\$228,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$380,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$483,933
2015	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$951,202
2015	Duke University	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$138,001

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2015	Duke University	NC	R21AI103584	Regulation of innate inflammation by CD40 signaling and intracellular osteopontin	\$196,250
2015	Duke University	NC	R01AI102747	Mucosal vaccination to protect against HIV-1 infection at mucosal sites	\$582,882
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$442,424
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	\$497,332
2015	Duke University	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$392,500
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$612,288
2015	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	\$145,197
2015	Duke University	NC	F31AI110072	Investigating the Type II Secretion System of Chlamydia trachomatis	\$33,326
2015	ICAGEN INC	NC	R43AI091186	XRpro Radioactive Cesium Decorporation Agents	\$300,000
2015	Duke University	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$427,139
2015	Duke University	NC	R21AI113098	Reconstitution of a protective antiviral RNAi response in somatic human cells	\$198,542
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI109224	Repurposed Drugs to Inhibit Human T Cells and Autoimmunity	\$77,500
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$3,507,545
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI114464	The Role of Gamma Delta T Cells as Persistent Reservoirs of HIV Infection	\$498,930
2015	CAPTURE PHARMACEUTICALS INC	NC	R44AI115751	C2E2-An Orally Administered Radionuclide Decorporation Agent	\$742,768
2015	Duke University	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$46,824
2015	Duke University	NC	P01AI117915	Maternal and infant immunization to eliminate breast milk transmission of HIV-1	\$2,440,281
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI110700	Mechanisms of MERS-CoV Entry, Cross-species Transmission and Pathogenesis	\$754,420
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$674,479
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$159,878
2015	Duke University	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$199,681
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$633,037
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$409,284
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$392,756

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$553,270
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$7,096,518
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	\$455,339
2015	Duke University	NC	K22AI100935	Innate immune regulation during hepatitis C virus infection	\$108,000
2015	EAST CAROLINA UNIVERSITY	NC	R21AI112745	Manganese transport and virulence in Brucella	\$219,244
2015	AGILE SCIENCES INC	NC	R42AI098192	Anti-biofilm agents for the treatment of pulmonary infection in cystic fibrosis p	\$826,326
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI102252	Celecoxib Derivative: Host Cell-Directed Inhibitors of Intracellular Pathogens	\$315,308
2015	EAST CAROLINA UNIVERSITY	NC	R21AI113014	Discovery and characterization of novel flagellar proteins in Borrelia burgdorferi	\$199,047
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI119164	Natural Immunity Against Chlamydia trachomatis	\$701,131
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$2,665,274
2015	Duke University	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$128,817
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI118876	Regulation of Memory B Cell Responses to Polysaccharide Antigens	\$384,390
2015	Duke University	NC	R01AI117780	Disruption of latent HIV-1 proviruses using CRISPR/Cas endonucleases	\$405,406
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$380,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$488,299
2015	Duke University	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,652,403
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112029	Nitric oxide-releasing cystic fibrosis therapeutics	\$218,721
2015	Duke University	NC	R21AI111067	The Genetic Basis of Bone Disease in Mycobacterial Infection	\$196,216
2015	Duke University	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	\$392,500
2015	Duke University	NC	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	\$532,597
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$486,990
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$434,651
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	\$583,393

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI109979	Investigating the targets and strain specificity of antibodies against P. vivax	\$34,109
2015	Duke University	NC	P01AI104533	Transdisciplinary Program to Identify Novel Antifungal Targets and Inhibitors	\$1,877,844
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI119032	Dissecting Bubonic Plague	\$374,148
2015	Duke University	NC	R01AI119004	The Role of BATF in Allergic Inflammation and Anti-Helminth Immunity	\$195,865
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$199,851
2015	Duke University	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$385,931
2015	Duke University	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$392,500
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$368,389
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$185,478
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$380,000
2015	Duke University	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$715,619
2015	Duke University	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$439,837
2015	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	\$573,639
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	\$378,980
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$1,763,463
2015	SCYNEXIS INC	NC	R43AI110099	Non-Immunosuppressive Cyclosporine Analogs for Novel Antifungal Therapies	\$223,992
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$459,177
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI112487	Investigating graft-versus-host clearance of HIV-infected cells in vivo	\$33,880
2015	Duke University	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$442,443
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113124	New and Simple Assay to Measure Latent HIV Reservoir Using Deep Sequencing Method	\$190,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI116384	Assessing the HIV care cascade in a large southern prison system	\$380,000
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI111592	The Role of IL-11 in Development of Th17-mediated Autoimmune Response in EAE	\$76,000

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2015	Duke University	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$618,104
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI112432	Using Phylogenetics to Elucidate HIV Transmission Patterns and Inform Prevention	\$168,141
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI116406	Quantification of HIV-1 Splicing Phenotypes and the Role of RNA Structure and Splice Regulator Elements	\$33,798
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI113197	The pathogenesis of T. cruzi in HIV-infected persons in Bolivia	\$163,417
2015	Duke University	NC	R01AI120801	HIV-1 vaccine-elicited antibodies target envelope glycans	\$762,453
2015	Duke University	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$386,817
2015	Duke University	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$387,789
2015	Duke University	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,668,735
2015	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$376,323
2015	Duke University	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$389,708
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$109,239
2015	Duke University	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$381,478
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$84,620
2015	Duke University	NC	R01AI103197	IRGM-driven host responses to Chlamydia trachomatis infections	\$392,500
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100067	Molecular Mechanisms Associated with Immune Maturation in Infants	\$554,931
2015	AGILE SCIENCES INC	NC	R44AI120250	Small molecules as antibiotic potentiating agents against multi-drug resistant Gram-negative infections	\$641,088
2015	Duke University	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	\$543,925
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111108	Dissecting Chloroquine Resistance in the Plasmodium vivax Cross	\$195,111
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111899	Plug & Purge: In Vivo Targeting of Active HIV Reservoirs That Persist Despite ART	\$533,806
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112764	BcpAIOB-Mediated CDI and Biofilm Formation in Burkholderia pseudomallei	\$184,344
2015	RHO FEDERAL SYSTEMS DIVISION, INC	NC	UM2AI117870	Rho Federal Systems Division, Inc. NIAID DAIT SACCC	\$23,043,250
2015	Duke University	NC	R21AI115438	Defining the structural mechanisms of Hfq binding to cognate nucleic acids	\$190,355

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111707	Exploiting Host Polyamines for the Treatment of Skin and Wound Infections	\$220,400
2015	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI114378	Experimental human infection with isogenic mutants of Neisseria gonorrhoeae	\$701,174
2015	ALTRAVAX INC	ND	R43AI112141	Novel Subunit Vaccines against Varicella Zoster Virus	\$297,176
2015	ALTRAVAX INC	ND	R01AI102706	Germline-Specific Immunogens for the Induction of Neutralizing Antibodies to HIV-	\$828,847
2015	UNIVERSITY OF NORTH DAKOTA	ND	R01AI109317	Lung innate immunity against bacterial infection	\$345,000
2015	ALTRAVAX INC	ND	R43AI112264	Development of a Universal Influenza B Vaccine	\$300,000
2015	ALTRAVAX INC	ND	R41AI115906	A Protective Tetravalent Vaccine Candidate for Dengue Fever Virus	\$532,838
2015	UNIVERSITY OF NORTH DAKOTA	ND	R21AI107457	Identification of protective proteins of Francisella using a novel comparative im	\$215,397
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI107237	IRF4 Functions as a Negative Regulator of Notch Signaling in the Development of M	\$188,125
2015	CREIGHTON UNIVERSITY	NE	R15AI118550	Integrase inhibitor combination nanomicrobicide for prevention of HIV infection	\$436,500
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$564,339
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	\$214,393
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	\$401,167
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI111862	Improve the safety of an efficacious live-attenuated HIV -1 vaccine through unnatu	\$464,877
2015	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI114653	Mechanism of the Antiviral Activity of BAF Against Poxvirus and HSV-1 Infection	\$365,243
2015	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	\$282,758
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI105147	Database designed novel anti-MRSA peptides	\$376,250
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI116723	Optimization of Antischistosomal Chemotypes	\$623,909
2015	CREIGHTON UNIVERSITY	NE	R01AI116323	Molecular Basis of Intestinal Cryptosporidiosis	\$407,626
2015	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,973,027
2015	CREIGHTON UNIVERSITY	NE	R01AI117740	Long-acting antiretroviral nanoparticles for HIV prophylaxis	\$447,421
2015	DARTMOUTH COLLEGE	NH	R21AI113390	Mediator regulation of transporters in fluconazole resistant C. albicans mutants	\$202,500
2015	DARTMOUTH COLLEGE	NH	R21AI108489	Dense granule protein virulence factors in Toxoplasma gondii infection	\$243,000
2015	SAUREUS, INC.	NH	R43AI112061	Developing a Z-domain based latex agglutination assay for C. difficile toxins	\$224,940
2015	DARTMOUTH COLLEGE	NH	R01AI114059	Retinoic acid in gut immune homestatis and infection	\$609,843

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$457,132
2015	DARTMOUTH COLLEGE	NH	R01AI102691	Applying High-Performance Protein Engineering Tools to HIV Immunogen Design	\$513,387
2015	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$1,000,000
2015	DARTMOUTH COLLEGE	NH	R56AI120068	Control of virulence in Vibrio cholerae by fatty acids	\$405,000
2015	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$578,486
2015	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$231,848
2015	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$405,666
2015	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$400,847
2015	DARTMOUTH COLLEGE	NH	R21AI115253	Transcription Factor Targets of Cdk8 Dependent Signaling in C. albicans	\$243,000
2015	STEALTH BIOLOGICS LLC	NH	R41AI118133	Design and Development of Immunotolerant S. aureus Biotherapies	\$185,930
2015	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	\$486,987
2015	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$405,000
2015	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapatation and Fungal Virulence of Aspergillus fumigatus	\$405,000
2015	DARTMOUTH COLLEGE	NH	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$309,375
2015	IMMUNEXT INC	NH	R42AI100418	Validation of a Negative Regulator as a Novel Therapy for Autoimmune Disease	\$954,097
2015	DARTMOUTH COLLEGE	NH	R21AI107293	A killed whole-cell one dose cholera vaccine	\$202,500
2015	DARTMOUTH COLLEGE	NH	R21AI119579	Regulation of SsrA-mediated proteolysis of S. aureus	\$202,500
2015	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$467,279
2015	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$405,000
2015	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	\$395,000
2015	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	\$423,497
2015	DARTMOUTH COLLEGE	NH	R01AI106937	The role of CshA and CshB in selective mRNA protection in S. aureus	\$405,000
2015	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$471,948
2015	DARTMOUTH COLLEGE	NH	R01AI117739	Chemical Contraceptive Control of Microbicides in the Female Reproductive Tract	\$649,400
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$397,500
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$477,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111647	Discovery and validation of drug targets in vulnerable pathways of Mtb	\$218,623
2015	PRINCETON UNIVERSITY	NJ	R01AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$162,551
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI118874	Development of New Antibiotics against Multidrug-Resistant Staphylococcus aureus	\$392,654
2015	PRINCETON UNIVERSITY	NJ	F31AI114240	Emerging roles for interferon inducible protein IFIX in innate immune response	\$43,120
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115452	Genetics identify HLA-DMB as a disease determinant for human type 1 diabetes	\$198,750
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$384,150
2015	MENSSANA RESEARCH, INC	NJ	R43AI107968	Validation of Point-of-Care Breath Test for Pulmonary TB	\$231,337
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$5,254,272
2015	PRINCETON UNIVERSITY	NJ	R21AI115075	Exploring Persister Antibiotic Responses as a Source of Biomarkers and Elimination Strategies	\$202,500
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI114647	Regulation of antifungal immunity by monocyte-derived dendritic cells	\$362,012
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$774,998
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$509,440
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$376,421
2015	PRINCETON UNIVERSITY	NJ	R01AI097382	Mechanisms and consequences of metabolic manipulation by human cytomegalovirus	\$554,306
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	\$742,937
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$788,126
2015	PRINCETON UNIVERSITY	NJ	DP2AI124441	Uncultivated bacterial symbionts of humans: an untapped resource for drug discovery	\$2,399,496
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI115204	Regulation of ubiquitin-proteasome in Cryptococcus pathogenesis	\$238,500
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$603,068
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$357,750
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$1,021,724
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$1,185,932

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2015	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$402,500
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$119,250
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111397	Pre-clinical Development of an Advanced Genexpert Test for Drug Resistant Mtb	\$1,284,246
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111453	mRNA-binding proteome in Trypanosoma brucei	\$198,750
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI119321	Drug development targeting influenza A cap-snatching endonuclease	\$206,931
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI117127	Novel Notch Pathways Govern HHV-8 Reactivation	\$238,500
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI118619	Targeted delivery of Cas9/gRNA directed to HIV latent/persistent cells	\$232,600
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI119055	M. tuberculosis MazF toxins: target identification and stress adaptation	\$548,706
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI115497	Placental Colonization by Treponema Pallidum, Congenital Syphilis & Novel Vaccine	\$385,403
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$385,234
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the epidemic blaKPC gene Klebsiella	\$544,800
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI102718	Optimizing protective vaccine targets in the V1/V2 domain of HIV-1 gp120	\$792,991
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$397,500
2015	STEVENS INSTITUTE OF TECHNOLOGY	NJ	R21AI110924	Engineered Intravascular Catheters for the Treatment of Bacteremia	\$225,000
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI117510	A Novel RNA Recognition Site on the Influenza B Virus NS1 Protein	\$266,104
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV -1 Transmission and Inhibition	\$732,548
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$431,485
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$788,890
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110335	Adjunctive immune modulation to improve TB treatment	\$198,750
2015	PRINCETON UNIVERSITY	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$48,120
2015	ALLIED INNOVATIVE SYSTEMS, LLC	NJ	R43AI118527	A method for the determination of the percentage of CD4 T cells and CD4/CD8 ratio	\$149,972
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI119619	Impact of Iron Supplementation on the Latency and Reactivation of Tuberculosis	\$79,500
2015	PRINCETON UNIVERSITY	NJ	DP2AI124786	Implementing Innovative Approaches to Access the Hidden Metabolomes of Bacteria	\$2,344,925

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2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$440,837
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$1,708,280
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106125	Contribution of plasmacytoid DCs to immune senescence in HIV infection	\$397,500
2015	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI117776	ANTI-HIV COLORECTAL NANOCARRIER-BASED FOAMS FOR MUCOSAL PRE-EXPOSURE PROPHYLAXIS	\$535,660
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI120615	Control of cytokine production by human NK cells	\$196,908
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	K22AI110573	Interrogating innate immunity to helminth parasites	\$162,000
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	\$29,274
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in Candida glabrata	\$524,999
2015	PRINCETON UNIVERSITY	NJ	F32AI106175	Cell surface proteome of monocytes latently infected with human cytomegalovirus	\$57,962
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$1,072,330
2015	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI113368	Mechanism of GPCR Signaling-mediated Fungal Cell Gigantism	\$197,404
2015	PRINCETON UNIVERSITY	NJ	R21AI117213	Impact of species-specific host responses on restriction of hepatotropic viruses	\$222,688
2015	BIOINCEPT, LLC	NJ	R41AI120546	Treatment of Acute Radiation Syndrome using PIF, a Natural Immune Modulator	\$298,309
2015	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R01AI098853	Microfluidic Platform for Multiplexed Diagnostics	\$671,492
2015	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	\$365,000
2015	VISIONQUEST BIOMEDICAL LLC	NM	R43AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$199,810
2015	NEW MEXICO STATE UNIVERSITY	NM	SC1AI112786	Bacterial colonization and immunogenicity in the mosquito gut ecosystem	\$309,056
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$656,042
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI117224	Pyrazinamide Breath Test for TB	\$188,750
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI114706	VLP-based Vaccines for Targeting Staphylococcus aureus Secreted Virulence Factors	\$226,500
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$271,197
2015	MESA TECH INTERNATIONAL INC	NM	R44AI093018	Rapid, disposable, nucleic acid diagnostic device for multiplexed point of care f	\$1,000,000
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI116894	Nano and Microscale Molecular Machines for Innate Immune Sensing of Candida	\$420,379
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$2,549,964

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2015	UNIVERSITY OF NEW MEXICO (THE)	NM	UH2AI122313	Autophagy-based HDT for tuberculosis	\$578,453
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI097154	Three-Dimensional Molecular Tracking of IgE-Fc {epsilon}RI in Live Cells	\$407,018
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$399,999
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$501,781
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI115105	Amplified detection of viral RNA using catalytic DNA logic circuits	\$188,750
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$333,626
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKCtheta in T cell and T-ALL migration	\$377,500
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	\$694,696
2015	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$397,470
2015	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$334,113
2015	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI115291	Bik Promotes Cleavage of Viral Proteins to Enhance Influenza A Virus Infection	\$272,500
2015	DXDISCOVERY INC	NV	R43AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$297,775
2015	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R21AI116411	A novel high-throughput functional screen based upon chimeric minimotif decoys	\$222,000
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$356,575
2015	DXDISCOVERY INC	NV	R41AI114049	Identification of Borrelia burgdorferi diagnostic biomarkers in humans and nonhum	\$292,713
2015	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R01AI109139	Prophylaxis of Clostridium difficile infection	\$692,240
2015	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$498,019
2015	UNIVERSITY OF NEVADA-RENO	NV	R21AI117491	Risk of CFS Due to IgG Receptor Genes that Impair ADCC	\$217,824
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$473,846
2015	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,117,738
2015	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$390,142
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$399,596
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$448,750
2015	Yeshiva University	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$196,188
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,580,467
2015	SUNY, STONY BROOK	NY	F31AI118220	Regulation of caspase-1 activation by IQGAP1 during bacterial infection	\$32,673

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2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$121,529
2015	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$177,898
2015	Yeshiva University	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$215,575
2015	Yeshiva University	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$89,092
2015	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$386,210
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$1,965,634
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$423,750
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$130,113
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$132,543
2015	Yeshiva University	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$273,512
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$502,673
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100724	A preclinical assessment of monthly intramuscular GSK1265744, an InSTI, as PrEP	\$817,211
2015	COLUMBIA UNIVERSITY	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$722,112
2015	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	\$267,750
2015	Yeshiva University	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$370,624
2015	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$630,445
2015	COLUMBIA UNIVERSITY	NY	R01AI106629	Regulation of HIV-1 Gene Expression in Latency by YY1, RuvB2, and ZAP	\$200,000
2015	CORNELL UNIVERSITY	NY	R01AI110613	The developmental layers in the CD8+ T cell response to chronic infection	\$540,476
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI110067	Characterization of a novel cofactor of the M. tuberculosis proteasome	\$33,424
2015	Yeshiva University	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium Tuberculosis	\$408,517
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI108799	Calanolides as tools to find new drug targets for Mycobacterium tuberculosis	\$180,652
2015	New York University	NY	R01AI108889	Mechanisms of Allosteric and Molecular Recognition in the Small Multidrug Resistant	\$388,836
2015	CORNELL UNIVERSITY	NY	R21AI111085	Spike protein cleavage-activation and emergence of coronaviruses with extended tr	\$227,554
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI108592	Solving the Artemisinin Dormancy Conundrum	\$211,875
2015	ROCKEFELLER UNIVERSITY	NY	F31AI118555	Cellular and molecular dissection of HIV-1 latency in vivo	\$43,120

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2015	Yeshiva University	NY	R13AI116027	Many Hosts of Mycobacteria Meeting VI	\$7,000
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$307,573
2015	GE CORPORATE RESEARCH & DEVELOPMENT	NY	U24AI118667	Secretion Encoding for Multiparameter Functional Immune Assays	\$399,999
2015	COLUMBIA UNIVERSITY	NY	R01AI110794	A Household Yeast Biosensor for Cholera	\$599,425
2015	CORNELL UNIVERSITY	NY	K99AI114952	Bacterial Sensing and Response to Chloride as a Novel Tuberculosis Drug Target	\$103,648
2015	COLUMBIA UNIVERSITY	NY	K99AI108787	Dissection of Complex Multifactorial Interactions between Bacterial Species.	\$132,300
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI120724	Microbial Discovery and Immunity in ME/CFS	\$766,163
2015	New York University	NY	R56AI122000	Application of a syndemic framework to HPV and HSV infection in emergent adult men	\$583,635
2015	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$383,444
2015	COLD SPRING HARBOR LABORATORY	NY	R01AI114897	Control of E1 oligomerization regulates E1 function in papillomavirus DNA replication	\$504,989
2015	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$463,541
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113221	Modulating Immunity to Nucleic Acids and Inducing Tolerance by Gene Transfer	\$421,004
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,938,083
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$360,000
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$176,584
2015	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$395,652
2015	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$546,673
2015	SUNY, BUFFALO	NY	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$378,873
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$423,750
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$432,835
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$418,275
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	F32AI116263	Mechanism of lentiviral inhibition by Mx2	\$56,042
2015	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$389,185
2015	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$437,242
2015	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$478,723

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2015	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,999,016
2015	Yeshiva University	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$115,334
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116022	HUMAN TONSIL EXPLANTS AS A NOVEL MODEL FOR STUDYING DENGUE VIRUS INFECTION	\$251,504
2015	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	\$377,714
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$440,355
2015	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$340,025
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$418,275
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$402,500
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$607,211
2015	SUNY, STONY BROOK	NY	R21AI114259	Development of antibodies to capsule of carbapenem resistant Klebsiella pneumonia	\$237,000
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,238,429
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$736,975
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093571	The Biology of Influenza A Virus-Generated Small RNAs	\$420,547
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$605,531
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$422,504
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$143,987
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI095245	Control of protective immunity by innate pathways sensing bacterial viability	\$423,750
2015	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$36,645
2015	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$769,998
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$202,718
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$361,807
2015	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	\$405,816
2015	HEALTH RESEARCH, INC.	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$662,260
2015	CODAGENIX INC	NY	R43AI116035	Balancing Immunogenicity of a Tetravalent Live Attenuated Dengue Vaccine	\$222,698
2015	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	\$1,197,649
2015	SUNY, BUFFALO	NY	F32AI100350	Regulation of a Novel Trypanosome RNA Binding Protein by Arginine Methylation	\$56,042
2015	ROCKEFELLER UNIVERSITY	NY	R21AI107508	Molecular genetic dissection of epidermodysplasia verruciformis	\$211,875

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2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105168	Early Events in Pneumococcal Colonization	\$399,130
2015	CODAGENIX INC	NY	R43AI109924	Ultra-low dose Influenza vaccines	\$199,904
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	\$423,750
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110130	Revolutionizing virus-host interaction studies with non-canonical small RNAs	\$36,336
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110071	Chemokine regulation of inflammatory monocytes during West Nile virus infection	\$36,336
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI110732	Global Health Research and Training in malaria and cholera: opportunities for nov	\$172,094
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$7,165,182
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R00AI106942	ISG15 responsive pathway	\$249,000
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R33AI102240	Discovery and evaluation of anti-filovirus therapeutics targeting NPC1	\$325,000
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI102970	Lung Microbiome and Inflammation in Early COPD	\$184,150
2015	UNIVERSITY OF ROCHESTER	NY	R21AI112717	Enhanced Live Attenuated Influenza Virus With Improved Safety and Immunogenicity	\$248,425
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Novel Nontoxic Therapeutic Interventions for Autoimmune Inflammatory Disease	\$84,250
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F31AI114019	Regulation of Natural Killer Cells by TGF-beta	\$27,120
2015	UNIVERSITY OF ROCHESTER	NY	T32AI118689	Infection and Immunity: The Pathogenesis of Host-Microbe Interactions	\$231,848
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI117641	Tolerance-inducing properties of human dendritic cell subsets in vivo	\$240,000
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI116082	miRNA-mediated regulation of LPS tolerance	\$240,000
2015	UNIVERSITY OF ROCHESTER	NY	F30AI114036	The influence of inflammation on CD4 T cell interstitial migration	\$48,120
2015	SUNY, BUFFALO	NY	R21AI118519	Oxygen Sensing by the AIDS Opportunist Pathogen, Toxoplasma gondii	\$244,303
2015	New York Blood Center, Inc.	NY	R21AI111152	B. subtilis spore-delivered M2e-FP-based mucosal universal influenza vaccines	\$213,750
2015	SUNY, BINGHAMTON	NY	R21AI119726	Role of SagS signaling and regulatory events in biofilm formation and tolerance	\$232,500
2015	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R21AI117695	Targeting factor B to prevent transplant rejection	\$273,000
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI115091	Molecular dissection of vesiculogenesis in Mycobacterium tuberculosis	\$187,875
2015	ROCKEFELLER UNIVERSITY	NY	U01AI118536	3BNC117 mAb in HIV-infected subjects on combination ART	\$840,281

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$420,693
2015	CUNY, RESEARCH FOUNDATION	NY	R03AI117671	Conversion of DNA nuclease activation during both damage and infection	\$77,584
2015	HEALTH RESEARCH, INC.	NY	R03AI117312	Use of whole genome sequencing for tuberculosis diagnostics	\$72,899
2015	UNIVERSITY OF ROCHESTER	NY	R21AI118616	Targeting Inhibitory T cell Receptors for PcP Therapy	\$230,250
2015	UNIVERSITY OF ROCHESTER	NY	R01AI114554	Immunoregulatory role of CD73 in efferocytosis	\$383,750
2015	ROCKEFELLER UNIVERSITY	NY	R01AI114873	ZAP isoforms in innate immunity-the long, the short and the extra-long of it all	\$211,875
2015	CORNELL UNIVERSITY	NY	R21AI117595	Cellular Metabolism in Lymphocytes in ME/CFS	\$236,589
2015	SUNY, STONY BROOK	NY	F30AI112252	Catalytic mechanism of the usher in pilus biogenesis by uropathogenic E. coli	\$32,673
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,476,957
2015	Yeshiva University	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$267,397
2015	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,135,210
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI119150	Molecular mechanism of T cell evasion by Mycobacterium tuberculosis	\$185,094
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI118610	Dengue Human Immunology Project Consortium (DHIPC)	\$7,495,258
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI119145	Investigating genomic factors and microbiome features that impact CDI transmission and prognosis	\$847,495
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$423,750
2015	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structural biology of proteostasis in M. tuberculosis	\$452,155
2015	Yeshiva University	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$313,125
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$456,716
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$487,476
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$355,579
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$364,541
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$423,750
2015	SUNY, BUFFALO	NY	R01AI019641	Genome Evolution During Bacterial Persistence in the Human Airways in COPD	\$772,946
2015	COLUMBIA UNIVERSITY	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$204,454
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$920,600
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$587,667

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2015	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$402,500
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$422,500
2015	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$151,917
2015	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$412,585
2015	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$402,645
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$2,897,803
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$201,925
2015	HEALTH RESEARCH, INC.	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$635,641
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$130,680
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAdete	\$422,500
2015	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$423,750
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$422,500
2015	Yeshiva University	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$260,710
2015	COLUMBIA UNIVERSITY	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	\$500,000
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$465,000
2015	CORNELL UNIVERSITY	NY	F32AI100545	Host cell receptor variation and control of viral cross-species transmission	\$57,962
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$445,500
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$904,345
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101820	Assay development to discover therapeutics against human cytomegalovirus	\$334,719
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$584,009
2015	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$390,142
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$423,750
2015	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	\$508,933
2015	Yeshiva University	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$386,358
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,694,246

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2015	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$668,401
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$423,750
2015	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	\$43,120
2015	UNIVERSITY OF ROCHESTER	NY	R01AI103507	Development of AK-based assays for antimicrobial screening	\$386,610
2015	SUNY, STONY BROOK	NY	R21AI111129	Uracil DNA glycosylases in herpesvirus pathogenesis and DNA mutation	\$236,071
2015	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$702,893
2015	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI105751	Chronic Fatigue Syndrome, Immune Dysregulation, and Non-Hodgkin's Lymphoma	\$153,000
2015	COLUMBIA UNIVERSITY	NY	T32AI114398	Global HIV Implementation Science Research Training Grant Renewal	\$265,397
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI102891	Mechanisms of induction of protective anti-malarial CD8+ T Cells	\$350,000
2015	BREONICS INC	NY	R44AI081372	The Potential to Immunocloak Renal Allografts	\$961,117
2015	CERAMIDE THERAPEUTICS LLC	NY	R43AI106283	Single-chain antibody countermeasures for the Radiation GI Syndrome	\$101,021
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI112290	Staphylococcus aureus mediated targeting and killing of immune cells	\$33,230
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	\$434,396
2015	CUNY, RESEARCH FOUNDATION	NY	SC1AI114843	Mechanism of cellular recognition and entry by a circovirus	\$349,875
2015	COLUMBIA UNIVERSITY	NY	F30AI113963	Transcription Factors that Specify Natural Killer Cell Fate and Function	\$44,248
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	\$344,438
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$254,248
2015	CORNELL UNIVERSITY	NY	R21AI117295	Single-molecule Imaging of Tripartite Membrane Efflux Pumps in Live Bacteria	\$247,286
2015	COLUMBIA UNIVERSITY	NY	R21AI120690	Mother Infant Retention Across the Option B plus Cascade	\$188,246
2015	TRUDEAU INSTITUTE	NY	R21AI111000	Defining the role of lymphotoxin signaling in viral-induced lung immunopathology	\$292,500
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI113801	Mucosal Delivery of RSV Neutralizing Antibody and Antigens	\$211,875
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI120898	Lentiviral Vector Vaccine for HIV-1	\$185,609
2015	Yeshiva University	NY	R03AI119225	CD8 T Cell Epitope Mapping Using Mice Expressing HLA-A2 and a Human Autoantigen	\$34,791

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2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R03AI119225	CD8 T Cell Epitope Mapping Using Mice Expressing HLA-A2 and a Human Autoantigen	\$48,709
2015	COLUMBIA UNIVERSITY	NY	R21AI110812	Engineering and targeting novel antigen-specific tolerogenic interfaces	\$240,000
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI119762	Self-assembling nanoparticles for intranasal delivery of influenza fusion inhibitors	\$342,459
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$393,538
2015	Yeshiva University	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$414,289
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$138,096
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F30AI114161	Innate immunity to Dengue Virus vaccine candidates in human ex vivo model systems	\$43,020
2015	ROCHESTER GENERAL HOSPITAL	NY	R03AI113649	Immunogenicity of Moraxella catarrhalis vaccine candidates in children	\$86,758
2015	SUNY, BUFFALO	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$403,408
2015	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$846,077
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$190,148
2015	POPULATION COUNCIL, INC	NY	R01AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$945,446
2015	COLUMBIA UNIVERSITY	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$400,000
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$470,610
2015	HEALTH RESEARCH, INC.	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$356,066
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$1,990,991
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$351,719
2015	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$381,617
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$322,592
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$457,250
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,528,331
2015	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$173,113

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2015	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R56AI051340	IRES-mediated translation initiation on viral mRNAs	\$464,869
2015	UNIVERSITY OF ROCHESTER	NY	K23AI108355	Quantitative Pharmacology for Accelerating Drug Development for HIV/HCV Co-Infected Patients	\$151,381
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$416,289
2015	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$1,059,746
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$350,151
2015	COLGATE UNIVERSITY	NY	R15AI094440	Mechanisms and Functional Consequences of Reovirus Innate Immune Activation	\$369,850
2015	Yeshiva University	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$244,489
2015	UNIVERSITY OF ROCHESTER	NY	R01AI102730	Yeast Genetic Approach to Enhance the Immunogenicity of HIV Envelope Glycoprotein	\$386,250
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$486,036
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI095256	Combination Clostridium Difficile Toxin and Adhesin Vaccine	\$353,006
2015	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$387,521
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$2,816,030
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$319,830
2015	CORNELL UNIVERSITY	NY	R21AI111081	Role of TLR9 in infection and host response to HHV-6A	\$213,938
2015	CORNELL UNIVERSITY	NY	R21AI109061	Role of DC Wnt/beta-catenin signaling in Toxoplasma infection	\$193,750
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	\$423,750
2015	ROCKEFELLER UNIVERSITY	NY	U01AI109697	Molecular, immunological, and clinical dissection of STAT1 hypermorphic mutations	\$409,876
2015	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$169,143
2015	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue Regulation of T Cell Function	\$1,643,007
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$431,540
2015	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms Limiting Neonatal Immunity	\$371,753
2015	SUNY, STONY BROOK	NY	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$392,571
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI109324	Novel models for defining function of the BAFF/APRIL cytokine family	\$84,250
2015	SUNY, BUFFALO	NY	R01AI111990	Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs	\$902,595

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2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$1,918,723
2015	COLUMBIA UNIVERSITY	NY	R21AI111020	R21 Orphan nuclear receptors	\$200,000
2015	COLUMBIA UNIVERSITY	NY	R01AI113365	Diversifying and Regenerating T Cell Function	\$400,000
2015	ROCKEFELLER UNIVERSITY	NY	F32AI114211	Characterization of ADAR, a key RNA editing protein with pro-viral activities	\$57,962
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$487,000
2015	ROCKEFELLER UNIVERSITY	NY	F32AI110029	Selective Enrichment of Environmental DNA for Antibiotic Producing Gene Clusters	\$57,962
2015	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R21AI113565	Maturation of adenovirus via a new type of biochemistry	\$236,160
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI112423	High throughput screening for inhibitors of HIV virological synapses	\$339,000
2015	COLUMBIA UNIVERSITY	NY	T32AI106711	Columbia University Graduate Training Program in Microbiology and Immunology	\$185,478
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI112546	Protective role of V2 antibodies induced at mucosal tissues in macaques	\$412,630
2015	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$36,612
2015	NEW YORK MEDICAL COLLEGE	NY	R21AI103807	A critical role of NLRP6 in West Nile virus pathogenesis in mice	\$230,032
2015	UNIVERSITY OF ROCHESTER	NY	R01AI117787	Targeting IgM Memory to Establish Protective B Cell Responses to HIV	\$551,238
2015	AVATAR MEDICAL LLC	NY	R43AI118087	A Universal Flu Vaccine Based on Conformationally Locked Soluble Headless HA	\$224,905
2015	SUNY, STONY BROOK	NY	R01AI110792	Tailoring virulence of dengue virus in mammals and mosquitoes	\$664,419
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI114654	High-throughput screen for inhibitors of Marburg virus VP24-Keap 1	\$422,253
2015	SUNY, STONY BROOK	NY	R21AI119316	Novel Inhibitors of DNA Ligase LigA by Substrate-Assisted Tethered Inhibition	\$212,062
2015	COLUMBIA UNIVERSITY	NY	F30AI114070	Dissecting the molecular basis of PfCRT-mediated antimalarial drug resistance	\$43,120
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI101256	Structural and Biochemical Studies of Jak2	\$211,875
2015	Yeshiva University	NY	R01AI114900	Novel Reporter Phages to Detect Complex TB Drug Resistance and Persistence	\$210,346
2015	HEALTH RESEARCH, INC.	NY	R21AI119427	Characterization of the Abundant Small Proteome of Mycobacteria	\$236,170
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI119304	Chemical intervention of influenza virus RNA nuclear export	\$263,500
2015	SUNY, STONY BROOK	NY	R56AI027044	Antigen Specific Responses to Borrelia	\$467,492
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI116028	Analysis Of Influenza Virus Polymerase Interactions With The Host Transcriptome	\$38,179

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2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$421,250
2015	COLUMBIA UNIVERSITY	NY	F32AI120578	Elucidating the complex genetic and molecular basis of Plasmodium falciparum artemisinin resistance.	\$52,406
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI118833	Nasal biomarkers of asthma	\$707,364
2015	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$440,000
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$397,108
2015	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training for Students in the Health Professions	\$61,020
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$1,924,821
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$492,000
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$549,818
2015	Yeshiva University	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$176,687
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$764,613
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI114770	SETX, antiviral response and genetic diseases	\$421,004
2015	SUNY, STONY BROOK	NY	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$388,335
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$130,274
2015	New York University	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,697,834
2015	COLUMBIA UNIVERSITY	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$398,654
2015	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	\$496,101
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$521,419
2015	Yeshiva University	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$393,356
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$24,144
2015	UNIVERSITY OF ROCHESTER	NY	R01AI081779	Paramyxovirus Assembly	\$386,250
2015	COLUMBIA UNIVERSITY	NY	R01AI101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	\$398,226
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI097333	Cytokine regulation of anti-helminth immunity	\$423,750
2015	COLUMBIA UNIVERSITY	NY	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$334,818
2015	ROCKEFELLER UNIVERSITY	NY	R01AI104857	Genetic Etiology of Agammaglobulinemia with Absent B Cells	\$423,750
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$259,755

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	CORNELL UNIVERSITY	NY	R21AI105520	Studies of the global translational response to human virus infection	\$193,750
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI108715	Chemokine regulation of myeloid cell populations during West Nile virus infection	\$352,560
2015	COLUMBIA UNIVERSITY	NY	R21AI109458	Genetic characterization of the murine type I Interferon locus	\$197,817
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R24AI112350	Generation of Genotypically Diverse R5 SHIVs as Tools in HIV-1 Vaccine Research	\$865,415
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$180,457
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$3,157,337
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI102852	Cognitive and immune impairments in sepsis survivors	\$2,292,587
2015	HEALTH RESEARCH, INC.	NY	R01AI110112	Latitudinal landscape genomics and ecology of Anopheles darlingi	\$332,609
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI110854	The human innate B cell niche and role in efferocytosis	\$200,000
2015	COLUMBIA UNIVERSITY	NY	R21AI119672	Structural basis of phosphoinositide biosynthesis in Mycobacterium tuberculosis	\$240,000
2015	ROCKEFELLER UNIVERSITY	NY	R21AI113419	Generation, characterization and validation of a T.brucei overexpression library.	\$254,250
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI113186	Multi-level analysis of influenza virus polymerase and its role in pathogenesis	\$595,386
2015	JAN BIOTECH, INC.	NY	R41AI116358	Real-Time Spliced-RNA Detection to Quantify Latent HIV-Infected Cells in HAART Patients	\$316,556
2015	UNIVERSITY OF ROCHESTER	NY	R21AI114837	Genetic screen for fungal triggers of the NLRP-3-inflammasome in macrophages	\$241,437
2015	Yeshiva University	NY	R21AI115091	Molecular dissection of vesiculogenesis in Mycobacterium tuberculosis	\$62,625
2015	SUNY, STONY BROOK	NY	R21AI115069	Mechanism of TolC in the virulence of Francisella tularensis	\$234,571
2015	NOVASTERILIS INC	NY	R43AI112166	Sporocidal Mechanism and Inline Monitoring of Peracetic Acid in Supercritical CO2	\$147,340
2015	CORNELL UNIVERSITY	NY	R01AI118582	How does HIV lead to increased susceptibility to tuberculosis?	\$586,997
2015	New York University	NY	R01AI122797	High-yield HIV Testing, Facilitated Linkage to Care, and Prevention for Female Youth in Kenya	\$349,283
2015	ROCKEFELLER UNIVERSITY	NY	R56AI119062	Antigen presentation in the intestine: initiating events in oral tolerance	\$423,750
2015	RENSSELAER POLYTECHNIC INSTITUTE	NY	R21AI119428	Non-Invasive Local Diagnosis of Surgical Infections	\$201,966
2015	HEALTH RESEARCH, INC.	NY	R21AI111045	Mechanism of MALT1 Regulation by a Novel Ubiquitin Ligase	\$227,431

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2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	\$423,750
2015	ROCHESTER GENERAL HOSPITAL	NY	R03AI117700	Immune potentiation to improve neonatal and pediatric vaccines	\$80,000
2015	CORNELL UNIVERSITY	NY	R01AI119122	Exploiting metabolic toxicities to identify compounds that inhibit cholesterol metabolism in M. Tuberculosis	\$387,500
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$438,958
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110703	Quantifying Environmental Variables Affecting Airborne Influenza Transmission	\$411,656
2015	SUNY, STONY BROOK	NY	R01AI119079	Functional Analysis of STAT3 in Gammaherpesvirus Infection	\$437,601
2015	Yeshiva University	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$272,177
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of Bcl11b in CD4+ T cells and innate lymphoid cells	\$1
2015	Yeshiva University	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$2,187,948
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$1,218,689
2015	UNIVERSITY OF ROCHESTER	NY	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$96,347
2015	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$698,921
2015	HEALTH RESEARCH, INC.	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$562,101
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$380,183
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$357,155
2015	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,696,203
2015	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$423,355
2015	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$1,192,443
2015	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$438,750
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI110575	The mammalian small RNA machinery and its role in antiviral defenses	\$418,258
2015	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$386,250
2015	COLUMBIA UNIVERSITY	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$447,195
2015	ROCKEFELLER UNIVERSITY	NY	F32AI120579	Elucidating the diverse roles of noncoding small RNAs in chikungunya virus infection	\$50,690
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI114520	Modulating Ab response to HIV Env gp120 by monoclonal antibody - Resubmission- 1	\$254,250

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2015	COLUMBIA UNIVERSITY	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$160,967
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$448,750
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$741,248
2015	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$423,750
2015	COLUMBIA UNIVERSITY	NY	R21AI107631	Study of rodent HCV-GBV like viruses	\$237,288
2015	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$423,750
2015	New York Blood Center, Inc.	NY	R21AI109094	Critical neutralizing domain-based vaccines against new SARS-like virus hCoV-EMC	\$253,650
2015	UNIVERSITY OF ROCHESTER	NY	R01AI110764	Molecular mechanisms of caspofungin resistance in the pathogen Candida albicans	\$345,375
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI112318	Functional screening for neutralizing antibodies targeting CMV entry factors	\$211,875
2015	UNIVERSITY OF ROCHESTER	NY	R21AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$230,250
2015	UNIVERSITY OF ROCHESTER	NY	K08AI108870	CD8 T Cell Dysregulation in Premature Infants	\$179,680
2015	ROCKEFELLER UNIVERSITY	NY	R21AI112602	Chromosome fragility and translocations in lymphocytes	\$211,875
2015	COLUMBIA UNIVERSITY	NY	U24AI118669	Sample Sparing Chambers for Imaging of T cell Response and Function	\$307,134
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI114736	Engineering protease-resistant alpha-beta peptides for broad-spectrum antivirals	\$800,168
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI115382	Analyzing dendritic cell development by inducible lineage tracing	\$254,250
2015	Yeshiva University	NY	R01AI116665	Inhibitors of Purine Import into Plasmodium falciparum Kill Malaria Parasites	\$430,604
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI110657	Cleaved, stabilized HIV-1 Env trimers for structural and vaccine studies	\$3,100,000
2015	HEALTH RESEARCH, INC.	NY	R21AI117158	Empirically Defining Gene Architecture and Expression of M. Tuberculosis	\$181,397
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U24AI118644	Novel tools to maximize profiling of tissue and antigen specific immune dysregulation in allergy and inflammatory bowel disease	\$399,725
2015	UNIVERSITY OF ROCHESTER	NY	R21AI115527	New tools for studying M. abscessus pathogenesis	\$273,480
2015	UNIVERSITY OF ROCHESTER	NY	R56AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$383,750
2015	New York University	NY	R56AI118453	The contribution of unintegrated HIV-1 to latency and to models of latency	\$396,250
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	\$495,942
2015	TRUDEAU INSTITUTE	NY	R21AI113517	Targeted Nanoparticle Vaccine Approach for Protection Against Encapsulated Pathogens	\$292,500

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2015	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$185,478
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	The role of SPNS2 in T cell responses	\$422,500
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074878	Innate immunity and inflammation following helminth infection	\$423,750
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Foxo1-dependent Programme in the Control of Regulatory T Cell Function	\$439,442
2015	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$229,148
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI075647	Dissection of molecular events driving alphavirus entry and assembly	\$381,047
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$104,375
2015	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$383,500
2015	Yeshiva University	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$266,210
2015	COLUMBIA UNIVERSITY	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$166,667
2015	COLUMBIA UNIVERSITY	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$309,686
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$96,446
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$469,498
2015	Yeshiva University	NY	R01AI052733	Biology of Fungal Melanin	\$0
2015	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$436,534
2015	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$440,000
2015	COLUMBIA UNIVERSITY	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	\$134,163
2015	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$296,949
2015	COLUMBIA UNIVERSITY	NY	R01AI050234	Role of pfcr1 in chloroquine resistance in P. falciparum	\$400,000
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$418,489
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$459,753
2015	Yeshiva University	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$224,121
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$5,299,649
2015	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$392,571
2015	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$422,500

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2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,124,914
2015	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$386,250
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$175,433
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$493,362
2015	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$446,201
2015	COLUMBIA UNIVERSITY	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$398,654
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$512,668
2015	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	\$343,774
2015	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$735,361
2015	Yeshiva University	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$228,451
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$591,187
2015	AVATAR MEDICAL LLC	NY	R44AI091507	Conformational Stabilization of the HIV-1 Env Trimer	\$999,646
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	\$423,750
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$522,142
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI106745	Epigenetic regulation of decidual inflammation	\$508,500
2015	COLUMBIA UNIVERSITY	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	\$400,000
2015	New York University	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$2,628,738
2015	NEW YORK MEDICAL COLLEGE	NY	R03AI107431	T.gondii resistance to reactive nitrogen species	\$80,500
2015	HEALTH RESEARCH, INC.	NY	R21AI107595	Enzyme-based lysis of mycobacteria	\$161,268
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI110815	Role of two novel genes in IL-23 production and Th17-mediated pathogenesis in SLE	\$211,875
2015	COLUMBIA UNIVERSITY	NY	K01AI104351	Preventing Childhood Tuberculosis in Lesotho (PREVENT Study)	\$128,016
2015	THERASOURCE LLC	NY	R43AI114218	A Novel Recombinant Protein for Mitigating Total Body Radiation Injury	\$294,693
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R33AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	\$496,535
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$1,918,351
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI097233	Maturation Intermediates of Trimeric HIV-1 Envelope as Unique Immunogens	\$237,000

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2015	BREONICS INC	NY	R43AI106362	Cell therapy for Repairing Warm Ischemically Damaged Kidneys	\$300,000
2015	CORNELL UNIVERSITY	NY	R21AI108958	Selective Aryl Hydrocarbon Receptor Modulators and T cell Effector Function	\$192,525
2015	COLUMBIA UNIVERSITY	NY	R01AI109023	Defining P. falciparum resistance to artemisinin-based combination therapies	\$535,112
2015	INNOVIMMUNE BIOTHERAPEUTICS HOLDING, LLC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$995,900
2015	AVATAR MEDICAL LLC	NY	R43AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$296,818
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI105298	THE ROLE OF UBIQUILINS IN INNATE IMMUNITY TO TUBERCULOSIS	\$0
2015	CUNY, RESEARCH FOUNDATION	NY	SC2AI116566	Mechanobiology of Neisseria Microcolonies	\$157,000
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI109410	A NEW HUMANIZED MOUSE MODEL OF CHRONIC HEPATITIS B	\$221,664
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI108399	Characterization and Generalization of a Novel Immunogenic Target on HIV-1 gp120	\$237,000
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI113514	An Adjuvant-Independent Dual-Targeted (Multi-Function) Mucosal Vaccine Platform	\$218,846
2015	COLUMBIA UNIVERSITY	NY	R01AI116814	Contribution of B cells to human cardiac allograft vasculopathy	\$216,062
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI118337	Host and viral determinants of hepatitis C virus macaque infection	\$235,143
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI114724	Immune regulation of intestinal health and disease	\$423,750
2015	NOVASTERILIS INC	NY	R43AI120282	Optimization of Supercritical Carbon Dioxide Based Virus Inactivation, Characterized by Protein Damage and Maintenance of Epitope Integrity in Vaccine Sterilization	\$141,052
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI116863	Quantitative modeling of the collective tuning of T cell activation.	\$439,750
2015	COLD SPRING HARBOR LABORATORY	NY	R13AI120531	CSHL 2015 Microbial Pathogenesis & Host Response Conference	\$9,000
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$1,253,871
2015	SUNY, STONY BROOK	NY	R21AI113587	Regulation of Alternative Pre-mRNA Splicing by the Adenovirus L4-22K Protein	\$197,500
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109830	Therapeutic Applications of Broadly Neutralizing Anti-HIV-1 Antibodies to Clear Latently Infected Cells	\$48,120
2015	SUNY, BUFFALO	NY	R21AI119415	The Role of US28 During HCMV Latency	\$253,501
2015	COLUMBIA UNIVERSITY	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$573,424
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI114994	Rapid Identification of Neutropenic Patients at High Risk of CRE Bacteremia	\$176,062

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2015	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$6,717,158
2015	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,433,403
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$481,023
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$373,948
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$518,465
2015	Yeshiva University	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$316,093
2015	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$184,854
2015	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$13,000
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI115226	Functional interrogation of paramyxovirus genomes with efficient reverse genetics	\$251,157
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,270,547
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$230,668
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Translational Immunology Training Program	\$195,119
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$491,143
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$44,546
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$190,879
2015	COLUMBIA UNIVERSITY	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$580,465
2015	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$422,500
2015	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$446,946
2015	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI115544	The essential role of RasGRP1 in B1 cell autoreactivity and autoimmunity	\$84,250
2015	COLUMBIA UNIVERSITY	NY	F31AI098409	Characterization of Antibody-Dependent Cellular Cytotoxicity in HIV Infection	\$43,120
2015	UNIVERSITY OF ROCHESTER	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,465
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	\$414,063
2015	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	\$387,293
2015	Yeshiva University	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$1,808,691
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$542,230

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2015	COLUMBIA UNIVERSITY	NY	R01AI110593	Advanced Rigidity-based Material for Enhanced Immunotherapy	\$390,137
2015	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$368,461
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI109761	Center for Research in Diagnostics and Discovery	\$6,319,654
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109903	Molecular Regulation of Germinal Center B Lymphocytes	\$48,120
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium Tuberculosis	\$167,825
2015	Yeshiva University	NY	R33AI102240	Discovery and evaluation of anti-filovirus therapeutics targeting NPC1	\$82,543
2015	CODAGENIX INC	NY	R41AI109911	Live-attenuated ETEC Anti-Diarrhea Vaccine Construction via Synthetic Biology	\$296,388
2015	Yeshiva University	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	\$31,313
2015	BIOSCIENCE DEVELOPMENT INC	NY	R43AI114009	Development of Molecular Diagnostic Test For Early Onset of Lyme Disease	\$299,999
2015	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	\$371,890
2015	BIOPEPTIDES INC	NY	R41AI108006	Development of an Antigen Capture Assay for Babesia microti	\$286,079
2015	HEALTH RESEARCH, INC.	NY	R03AI119647	Mechanisms of IgA-mediated immunity to Salmonella	\$72,211
2015	SUNY, BUFFALO	NY	R03AI115407	Identifying the transcriptional control mechanisms of p63 in Atopic Dermatitis	\$79,730
2015	SUNY, BUFFALO	NY	F32AI112254	Secretory cargo selection by p24 transmembrane proteins in African Trypanosomes	\$56,042
2015	HOCUSLOCUS LLC	NY	R41AI115834	sxRNA-based Antiviral Approach targeting Epstein-Barr virus	\$225,000
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI117131	The Pseudomonas aeruginosa protease CtpA and type 3 secretion	\$254,250
2015	UNIVERSITY OF ROCHESTER	NY	R21AI116285	The Origin and Fate of Human HIV-Specific Plasma Cells Following Vaccination	\$307,000
2015	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$331,057
2015	Yeshiva University	NY	R01AI114304	Safety, pharmacokinetics, and resistance to bedaquiline in XDR TB and HIV	\$463,481
2015	SUNY, STONY BROOK	NY	F30AI112203	Identification and inhibition of hydrolases in Mycobacterium tuberculosis	\$34,278
2015	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$402,500
2015	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$471,210

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$444,250
2015	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI117873	Modeling Early Immunity to Human Influenza Infection	\$1,582,782
2015	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI116939	Carbapenem-resistant bacterial colonization and infection after liver transplant	\$408,093
2015	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$774,538
2015	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$380,250
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$457,872
2015	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$1,908,328
2015	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$1,062,447
2015	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$918,483
2015	GUILD ASSOCIATES INC	OH	R33AI100164	Bioluminescent reporter phage for the diagnostic detection of shigellosis	\$452,658
2015	UNIVERSITY OF CINCINNATI	OH	R01AI113162	Suppression of IgE-Mediated Disease by Polyclonal Rapid Desensitization	\$331,764
2015	OHIO STATE UNIVERSITY	OH	R56AI114826	Molecular Control of IFITM3 in Restricting Influenza Virus Infection	\$366,224
2015	UNIVERSITY OF CINCINNATI	OH	F30AI109893	FUT2 Genotype Impact on National Burden of Norovirus Infections	\$45,748
2015	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI106705	Mechanisms of Transmissibility in Prion Diseases	\$1,532,030
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI114508	Molecular Epidemiology of Carbapenem-Resistant Klebsiella pneumoniae	\$209,102
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$409,000
2015	UNIVERSITY OF CINCINNATI	OH	R21AI120084	Mechanism of restored immune tolerance in anti-TLR4 antibody reversal of NOD T1D	\$237,063
2015	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI115642	Natural Resistance to Mycobacterium Tuberculosis Infection	\$719,693
2015	CASE WESTERN RESERVE UNIVERSITY	OH	F32AI114109	Connecting the microbiota to peripheral immune quiescence by T cell crosstalk	\$56,594
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$414,025
2015	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$276,909
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$323,370
2015	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,550,071
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	\$584,545
2015	UNIVERSITY OF TOLEDO	OH	R15AI109573	Paralysis of Nematode Parasites	\$442,500
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$513,198

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2015	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI109512	Characterization of a Sox2 pathway in postembryonic schistosome parasites	\$79,250
2015	OHIO STATE UNIVERSITY	OH	R03AI111015	Forward genetics-based discovery of Histoplasma virulence genes	\$73,520
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI107238	Role of Commensal Microbiota in Stressor-Induced Immunomodulation	\$105,451
2015	OHIO STATE UNIVERSITY	OH	R21AI109437	Target identification and structure optimization of novel thiazole antifungals	\$192,500
2015	OHIO STATE UNIVERSITY	OH	R01AI116917	Mechanisms of the development and maintenance of Salmonella gallbladder carriage	\$583,802
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI119287	A Novel Folate Antagonistic Strategy to Treat Drug Resistant Pseudomonas aeruginosa and Enterobacteriaceae	\$217,938
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI124355	Genetic and Immunological Dissection of Eosinophilic Esophagitis	\$277,501
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,815,591
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$396,250
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI117547	Metabolic dysregulation and therapeutic intervention in asthma	\$201,500
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$390,000
2015	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$344,949
2015	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	\$385,431
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$503,930
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$398,461
2015	UNIVERSITY OF CINCINNATI	OH	R21AI115358	Antigen metabolomics for mucosal-associated invariant T cells in tuberculosis	\$277,011
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,245,751
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI112186	CD4 T cells with specificity to noninherited maternal antigen.	\$234,000
2015	UNIVERSITY OF CINCINNATI	OH	R21AI111062	Translational repression & Aspergillus fumigatus virulence	\$204,182
2015	GUILD ASSOCIATES INC	OH	R01AI111535	Detection of Biodefense Pathogens Using Phage Diagnostics	\$745,386
2015	OHIO STATE UNIVERSITY	OH	R21AI109281	The essential P. aeruginosa pan-genome during chronic infection	\$192,721
2015	OHIO STATE UNIVERSITY	OH	R21AI117122	Histoplasma mannoprotein discovery and virulence role of O-linked mannosylation	\$228,585
2015	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$147,659

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2015	OHIO STATE UNIVERSITY	OH	R21AI113477	Human susceptibility to Legionella infection	\$243,143
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$262,086
2015	OHIO STATE UNIVERSITY	OH	R21AI105588	Mechanistic study of human placental infection by Listeria monocytogenes	\$192,500
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI119236	The role of TET1 in childhood asthma	\$234,000
2015	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$355,000
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI116709	Asymptomatic Malaria Gametocyte levels in Kenya: An observational survey	\$397,821
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$618,210
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$356,625
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$357,971
2015	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$385,000
2015	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$462,698
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI113148	Detection of Latent HIV Infection Using Selective Reaction Monitoring Mass Spectr	\$158,500
2015	UNIVERSITY OF TOLEDO	OH	R21AI111579	Risk stratification for sensitized patients in Kidney Paired Donation program	\$189,375
2015	Research Institute at Nationwide's Children's Hospital	OH	R13AI112234	Seventh Annual Pediatric Asthma Conference: Community Engagement as a Bridge to Improve Asthma Outcomes	\$3,000
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	\$390,000
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI118302	Lipoxins and control of inflammation during cerebral malaria	\$234,000
2015	OHIO STATE UNIVERSITY	OH	R01AI116119	Salmonella, colonization resistance, and fructose-asparagine	\$498,935
2015	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$583,921
2015	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$365,000
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K08AI112781	Airway Epithelial Barrier Dysfunction In Response to Respiratory Syncytial Virus	\$81,000
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,389,901
2015	WRIGHT STATE UNIVERSITY	OH	R15AI090625	Isoform-specific Regulation of the Coxsackie and Adenovirus Receptor in Polarized Epithelia	\$444,000
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$362,000

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2015	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$415,000
2015	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets.	\$368,750
2015	OHIO STATE UNIVERSITY	OH	R01AI107250	Multifaceted activity of listeriolysin O during host cell invasion by Listeria	\$376,306
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$719,277
2015	OHIO STATE UNIVERSITY	OH	R01AI093570	Function of human lung mucosal hydrolases during M. tuberculosis infection	\$446,939
2015	OHIO STATE UNIVERSITY	OH	R21AI110270	Role of HIV-1 Integrase in the Late Stage of Viral Replication	\$231,000
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107147	Schistosome Transfection Using A Cationic Polymer	\$198,125
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Appro	\$131,490
2015	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,058
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107131	Type III Secretion Translocon Structure and Function	\$198,125
2015	UNIVERSITY OF CINCINNATI	OH	R03AI117587	An innovative treatment for Pneumocystis pneumonia	\$79,021
2015	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA capping and methylation in pneumoviruses	\$381,250
2015	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$396,250
2015	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$346,161
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$396,250
2015	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	\$373,749
2015	OHIO STATE UNIVERSITY	OH	R21AI111125	Role of PRMT5 in HTLV-1 transformation and disease	\$192,500
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI108972	CD4+ T and B cell mechanisms of influenza vaccine non-responsiveness in older adu	\$463,001
2015	OHIO STATE UNIVERSITY	OH	R21AI109522	Cellular Cofactors of Murine Leukemia Virus Integrase	\$192,500
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI110156	HIV eradication by ADCC-activated NK cell killing	\$217,938
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$373,750
2015	Research Institute at Nationwide's Children's Hospital	OH	K08AI108792	Burkholderia-mediated defective killing mechanisms in macrophages from cystic fibrosis (CF) patients	\$150,912
2015	UNIVERSITY OF CINCINNATI	OH	R21AI116389	Revealing networks targeted by HSV-1 ncRNAs with in vivo gain-of-function studies	\$250,289
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	F31AI118179	A follicular regulatory subset of natural killer cells	\$35,580
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI120204	Role of non-coding RNA in establishing and maintaining HIV latency	\$198,125
2015	WRIGHT STATE UNIVERSITY	OH	R01AI114804	TRPM7 and Cellular pH	\$353,848
2015	Research Institute at Nationwide's Children's Hospital	OH	P01AI112524	Live Attenuated RSV Vaccine with Optimized Safety and Immunogenicity	\$749,998

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2015	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$15,000
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI093673	Role of Spi-C in eosinophil development and functional responses	\$91,932
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	\$341,649
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$518,584
2015	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI097284	Infant Antibiotic Resistance and Implications for Therapeutic Decision-making	\$132,300
2015	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$381,250
2015	OHIO STATE UNIVERSITY	OH	R21AI113462	Conserved complement binding to bacterial porins	\$192,500
2015	Research Institute at Nationwide's Children's Hospital	OH	R21AI113930	Modulating Nrf2-Reguated GSH Production to Prevent Hospital-Acquired Infections	\$224,250
2015	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$149,914
2015	OHIO STATE UNIVERSITY	OH	R01AI116975	Automation and Multi-Site Validation of a Personalized Empiric Antibiotic Advisor	\$398,918
2015	Research Institute at Nationwide's Children's Hospital	OH	R01AI114581	Metabolic programming in TH17 cell differentiation	\$186,875
2015	UNIVERSITY OF CINCINNATI	OH	U19AI116491	Intestinal Organoids as a model system for studying enteric disease	\$931,304
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$439,113
2015	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI098511	B cell immunity in HIV exposed uninfected infants in Kenya	\$623,352
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$672,714
2015	OHIO STATE UNIVERSITY	OH	R21AI107238	Role of Commensal Microbiota in Stressor-Induced Immunomodulation	\$88,689
2015	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,797,834
2015	OHIO STATE UNIVERSITY	OH	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$442,175
2015	UNIVERSITY OF CINCINNATI	OH	R21AI107244	Proteasome subunit beta5t and thymus-specific peptides in T cell selection	\$197,656
2015	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI112626	Food Allergy and Goblet Cell Antigen Passages	\$518,375
2015	OHIO STATE UNIVERSITY	OH	R01AI120209	HIV-1 Nef Interaction with Nef-associated Factor 1 Regulates Viral Latency	\$200,000
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$166,416
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI112662	Prophenoloxidasases of Anopheles gambiae	\$177,774
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI119713	Early Stage Discovery of Natural Products Targeting Anaerobic Protozoal Pathogen	\$228,000
2015	IMMUNO-MYCOLOGICS INC	OK	R44AI096945	Lateral Flow Assay for Diagnosis of Histoplasmosis	\$972,745

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2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$367,939
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$329,475
2015	IMMUNO-MYCOLOGICS INC	OK	R41AI104377	Rabbit InMAD Discovery of Novel Biomarkers for POC Tuberculosis Diagnostic Assay	\$292,900
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI107176	Localizing functional variants in SLE susceptibility genes	\$256,875
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI088011	The role of non-canonical base pairs in RNA editing	\$364,834
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI118836	Role of the Transcription Factor ARID3a in Innate Immune Responses	\$428,750
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI115178	Targeting mosquito FREP1 protein for malaria control	\$188,123
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$409,773
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$451,895
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI113020	Development of a mouse model of peptidoglycan-induced pathology	\$214,375
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI113539	Structure-function studies on a key signaling module from interleukin 17 receptor	\$215,780
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI115390	Procuring Native Natural Product Producers by In Situ Chimera Assembly	\$240,250
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,898,581
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$409,236
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI120495	Meeting on the Pathogenesis of Clostridia	\$7,000
2015	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$423,849
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R13AI120518	48th Annual Meeting of the Society for Leukocyte Biology - Immunity in Health and Disease	\$10,000
2015	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI119906	The Role of CT228 in Chlamydia trachomatis pathogenesis	\$429,034
2015	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$459,405
2015	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI119048	Differential Effects of TcdB1 and TcdB2 in C. difficile disease	\$185,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$499,607
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI117802	A universal MHC-E-restricted T cell vaccine for HIV	\$819,047
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI116633	Characterizing the Role of CMV Latency in Solid Organ Transplant Rejection	\$437,500

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2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI117156	Developing low-background inducible expression technology for Leishmania donovani	\$231,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$843,131
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI116635	Genetic Pathways of Human Cytomegalovirus Drug Resistance	\$157,500
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114842	Development of Drugs that Target the Malaria Hexose Transporter	\$231,000
2015	REED COLLEGE	OR	R01AI081879	A Model System for Host Pathogen Interaction: Drosophila and Its Parasitic Wasps	\$373,238
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	\$385,000
2015	VITI INC	OR	R44AI091267	A CD8+ T cell diagnostic to identify children with pulmonary tuberculosis	\$975,202
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112837	An unconventional, effector memory T cell vaccine for influenza	\$223,620
2015	OREGON STATE UNIVERSITY	OR	R01AI109134	A new genetic mechanism in snails that controls transmission of schistosomes	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI119439	Evaluating corraling and the effect of dung beetles on transmission and control of cysticercosis	\$213,303
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI114664	Mtb regulators of essential and virulence-associated MmpLs	\$476,388
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI116107	T cell response to fibroblast-trophic CMV vaccine in humans	\$257,484
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$408,746
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$1,277,830
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$1,513,340
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI111008	The effect of purine stress on translation and protein stability in Leishmania	\$192,500
2015	OREGON STATE UNIVERSITY	OR	U01AI109695	Anti-IL-12p40 Treatment of CVID Enteropathy: Gene Expression/Microbiota Analysis	\$315,659
2015	OREGON STATE UNIVERSITY	OR	R21AI109435	NhaP-type cation-proton antiporters in Vibrio cholerae and Yersinia pestis	\$182,500
2015	DESIGNMEDIX INC	OR	R42AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$999,700
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI113074	The MmpL11 interactome	\$231,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI114822	The Role of the Kharon Complex in Leishmania Virulence	\$231,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$220,500
2015	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$707,637
2015	OREGON STATE UNIVERSITY	OR	R21AI110078	Strategy for anti-tuberculosis therapy	\$182,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K22AI102981	Regulation of Memory CD8 T cell Trafficking to Inflamed Tissues	\$108,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112433	Graft versus host immunity in SIV clearance following stem cell transplantation.	\$218,750
2015	OREGON STATE UNIVERSITY	OR	R01AI109134	A new genetic mechanism in snails that controls transmission of schistosomes	\$363,188
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI120422	International Herpesvirus Workshop	\$6,000
2015	OREGON STATE UNIVERSITY	OR	R21AI111201	High-density linkage map to find snail genes that block schistosome transmission	\$255,500
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,342,436
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106489	Development of HIV-1 vaccines targeting broadly neutralizing epitopes	\$38,641
2015	TOMEGAVAX INC	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$986,519
2015	OREGON STATE UNIVERSITY	OR	R01AI117235	Proteomics-driven reverse vaccinology for gonorrhea.	\$606,643
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$472,589
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$385,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$385,000
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$474,302
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$385,000
2015	UNIVERSITY OF OREGON	OR	F32AI112094	Elucidation of Host and Bacterial Factors that Influence Resilience and Robustnes	\$54,194
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112328	Nucleoside-Nucleobase Transporters in the Biology and Pathogenesis of T. cruzi	\$192,500
2015	REED COLLEGE	OR	R21AI115193	Pch Super Family Regulators of Gram-Negative Pathogens	\$180,349
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$613,423
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$963,517
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI096854	Flagellar targeting and sensory function of a glucose transporter in L. mexicana.	\$23,329
2015	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$0
2015	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	\$384,766
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$393,590
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$400,000

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2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$185,478
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$302,766
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$484,949
2015	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Penn Center for AIDS Research	\$2,608,718
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$390,384
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	\$735,960
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$400,000
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$387,500
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R03AI113803	CD8 T Cell Intrinsic Role of MicroRNA-17~92 in TCR Signaling	\$75,350
2015	DREXEL UNIVERSITY	PA	R01AI098413	Molecular Pathways Targeted by Potent Antimalarial Pyrazole Compounds	\$488,674
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$570,140
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$733,700
2015	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	\$133,758
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$1,203,246
2015	UNIVERSITY OF PITTSBURGH	PA	R00AI097286	Regulation of Natural Killer T cell maturation, homeostasis and activation	\$242,895
2015	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$120,960
2015	TEMPLE UNIVERSITY	PA	R21AI105370	The role of curli fibrils in modulating immune responses in the gut	\$195,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109316	Thiol-based switches in Vibrio cholerae pathogenesis	\$200,000
2015	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$171,904
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI112696	TRIM2, a novel host factor that restricts New World Arenavirus infection	\$200,000
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104946	Puf-Mediated Translation Control in Plasmodium	\$368,215
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI107825	Negative Control of IL-17R Signaling: Implications for Fungal Immunity	\$382,423
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI111010	Donor organ-specific exosome platform for monitoring transplant organ rejection	\$200,000
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI113469	Control of interferon-activated necrosis by a virus-triggered FADD checkpoint	\$267,750
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI109217	Role of BAFFR in antigen-specific B1b cell persistence	\$77,500

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2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI104121	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM INFLUENZA A VIRUS	\$300,000
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI113952	DEVELOPMENT OF SMALL MOLECULE THERAPEUTICS AGAINST RNA VIRUSES	\$300,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	U19AI117950	Engineering T cells to Provide Durable Control of HIV-1 Replication	\$2,335,132
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI114515	Mechanisms of ubiquitin pathway activation and function	\$420,000
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI104844	Therapeutic targeting of malarial placental cytoadherence	\$500,266
2015	FORGE LIFE SCIENCE LLC	PA	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	K08AI114852	Effects of aging on the T follicular helper response to influenza vaccine	\$182,002
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$371,943
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$684,284
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$795,242
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI019844	Mechanism of action of C. perfringens enterotoxin	\$399,009
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$373,502
2015	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$630,894
2015	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,921,458
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$400,000
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$408,100
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	\$482,232
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$345,396
2015	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	\$248,465
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$713,295
2015	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$382,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$766,318
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI110179	Intergenic cis regulatory elements in the control of IL-2 and IL-21	\$210,000
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$418,750
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$632,672

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2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108585	Human mast cell-specific Mas-related Gene-X2 (MrgX2) in Anaphylaxis and Asthma	\$240,000
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI111285	Pathogenic interaction of enterovirus 71 with PSGL-1 on human leukocytes	\$195,000
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104878	Watching Conformational Rearrangements in Poliovirus RNA-Dependent RNA Polymerase	\$371,121
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin-resistant Acinetobacter baumannii	\$360,881
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$500,135
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI109561	Detection of M. paratuberculosis in Crohn's Disease	\$161,303
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI119042	Enhancing Neutrophil Responses to Counter MDR Gram Negative Bacterial Pneumonia	\$221,060
2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110985	Regulation of Hematopoiesis by Ribosomal Protein Paralogs	\$219,659
2015	VENATORX PHARMACEUTICALS INC	PA	R43AI120392	Novel Combination Product with Activity Against MRSA, MDR-Enterics and Pseudomonas	\$300,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120011	A FAST Assay to Quantify HIV Reservoirs	\$606,375
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109472	IL-10 producing neutrophils during respiratory virus infection	\$240,000
2015	FORGE LIFE SCIENCE LLC	PA	R43AI118232	An Antiviral to Treat Progressive Multifocal Leukoencephalopathy_(PML)	\$224,999
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI114264	Pre-clinical evaluation of an adenoviral-based MERS-CoV vaccine	\$178,589
2015	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114475	Rapid and highly sensitive influenza detection with RNA FISH	\$47,255
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115710	Control of plasma cell longevity by the IRE1 pathway	\$256,722
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$385,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$572,098
2015	UNIVERSITY OF PITTSBURGH	PA	P01AI106684	Immune Airway-Epithelial Interactions in Steroid-Refractory Severe Asthma	\$1,538,201
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI115001	BLOCKING AUTOANTIBODY SECRETION IN CVID PATIENTS WITH ITP BY IL-2 RESTORED TREGS	\$93,722
2015	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$3,667,379
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	Insulin-like signaling in parasitic nematode development	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$200,000
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$302,766
2015	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,879,805

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2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$455,115
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$171,878
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$129,951
2015	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$133,759
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$1,147,087
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI111789	Harnessing type 1 IFN-stimulated antiviral mechanisms for HIV vaccine design	\$200,993
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105611	Determination of Exhaled Biomarkers for Low-Cost Diagnosis and Monitoring of TB	\$153,626
2015	UNIVERSITY OF PITTSBURGH	PA	R03AI109605	Intrinsic Effects of Tim-3 on T cell exhaustion and TCR signaling	\$75,491
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI113102	Simplified Assays of Latent But Inducible HIV-1 Reservoirs	\$228,881
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI105724	Induction of polysaccharide vaccine responses in the young by interleukin-7	\$77,500
2015	VENATORX PHARMACEUTICALS INC	PA	R43AI109879	Broad-spectrum, orally-bioavailable beta-lactamase inhibitors	\$299,600
2015	DREXEL UNIVERSITY	PA	R01AI106633	Antiviral Synergism of Inhibitors Targeting HIV-1 Env and Host Cell Co-Receptors	\$200,000
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI109239	Directed differentiation of HBV-specific CTL from iPSC for cell-based therapies	\$200,375
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106026	The role of IL-27 in iv tolerance in EAE	\$387,500
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI116983	Molecular mechanisms used by Chlamydia trachomatis to manipulate membrane fusion	\$155,583
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$380,950
2015	UNIVERSITY OF PENNSYLVANIA	PA	R33AI102104	Host-Oriented Therapeutics Targeting Filovirus Budding.	\$467,998
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI111871	HIV-TB Co-infection: Tracking TB emergence after asymptomatic (latent) infection	\$679,336
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI110351	Cyst effector gene families and Toxoplasma pathogenesis	\$192,500
2015	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$669,728
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI113220	The REL gene and human autoimmune diseases	\$240,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R33AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$477,818
2015	LENIMA FIELD DIAGNOSTICS LLC	PA	R41AI120445	A Low-Cost Portable Multiplex Serum Molecular Test for HBV and HCV Detection	\$300,000

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2015	PHELIX THERAPEUTICS LLC	PA	R44AI118063	CATHEPSIN L INHIBITORS AS PAN-CORONAVIRUS THERAPEUTICS	\$1,475,511
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$127,073
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI117429	Generation and characterization of human B1 B cells induced by Lin28b reprogramming of adult hematopoietic progenitors	\$267,750
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI118589	Enhancing the Properties of HIV-1 Integrase and Determination of its Structure in Complex with DNA Substrates	\$223,125
2015	UNIVERSITY OF PENNSYLVANIA	PA	K22AI112570	Super-enhancer structure defines a signature of inflammatory bowel disease (IBD)	\$161,200
2015	UNIVERSITY OF PENNSYLVANIA	PA	R13AI120914	Biannual International Toxoplasmosis	\$5,000
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI120777	Using Biomarkers to Understand the HIV Epidemic in a Community Sample of Black MSM	\$231,000
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI118403	Cholesterol-dependent control of HIV progression by antigen presenting cells	\$548,198
2015	UNIVERSITY OF PITTSBURGH	PA	K22AI108719	Regulation of commensal-specific T cells during gastrointestinal inflammation	\$162,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$698,699
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118891	Viral Modulation of Epigenetic Mechanisms	\$498,000
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$418,750
2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$446,250
2015	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$425,186
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$248,669
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$368,360
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$254,466
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$377,610
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$400,000
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	\$945,437
2015	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$461,724
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$375,737
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI114655	Effector diversification and Toxoplasma virulence	\$367,090
2015	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	\$133,758
2015	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$701,297
2015	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$128,358

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2015	UNIVERSITY OF PENNSYLVANIA	PA	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	\$168,681
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI105846	Mechanisms of TLR4-mediated impairment of murine and human HSC function	\$233,675
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111692	Validation and development of trans-translation as a drug target for MRSA	\$215,910
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109267	Role of Caspase-8 in Yersinia virulence and host defense	\$200,000
2015	UNIVERSITY OF PITTSBURGH	PA	U01AI110410	Dipyridamole as a Modulator of HIV-1 Inflammation by Adenosine Regulation	\$829,507
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI107145	High-throughput Screening for Inhibitors of Human Metapneumovirus	\$139,558
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI109459	Genomic Epidemiology for Hospital Outbreak Detection	\$192,422
2015	UNIVERSITY OF PENNSYLVANIA	PA	F30AI112426	Discovery of a Novel Immune Response to the 5' Leader of HIV-1	\$29,766
2015	WINDTREE THERAPEUTICS INC	PA	R44AI102308	KL4 Surfactant to Mitigate Radiation-Induced Lung Injury	\$992,017
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111419	Radical strategies for inhibiting the antibiotic resistance protein, Cfr	\$217,516
2015	UNIVERSITY OF PENNSYLVANIA	PA	U19AI109646	Synthetic DNA & Novel Env Vaccine for HIV	\$3,200,000
2015	VENATORX PHARMACEUTICALS INC	PA	R43AI118115	Discovery and Advancement of Chikungunya virus inhibitors	\$300,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI114920	Control of coronavirus pathogenesis by antagonism of RNase L	\$254,625
2015	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI120249	Film Antiretroviral Microbicide Evaluation	\$4,141,533
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI117331	Development of a novel live attenuated vaccine for eastern equine encephalitis virus	\$191,878
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI110542	MHCII Cross-presentation as a Driver of CD4+ T Cell Responses to Poxviruses	\$301,571
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI114587	In Vivo Detection And Mechanisms Of Regulatory B Cell Function In Transplantation	\$188,720
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI114674	The Consequences of Reinfection with M. tuberculosis	\$404,495
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$478,032
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118691	Mechanistic studies of BLYS-mediated modulation in HIV-1 Env-specific antibody responses	\$728,557
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI117410	Complement dysregulation and atypical hemolytic uremic syndrome	\$400,000
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$382,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$463,259
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI052199	Molecular Control of TCR Signaling and Function	\$385,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$421,713

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2015	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$582,132
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI115412	Toll-like receptor signaling in B1b memory	\$77,708
2015	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$950,337
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$383,039
2015	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$1,315,740
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$385,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R33AI087383	Cloning, characterization and in vivo testing of mucosally transmitted SIV	\$480,000
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	\$432,968
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113543	Origins of serum IgA antibodies	\$400,000
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI116276	Visualization of in vivo HIV-1 vaginal transmission in the presence and absence of PrEP	\$658,165
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI112624	B1 cell-mediated immunity in Human Immune System mice	\$77,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI112713	A strategy for point-of-care molecular detection of parasitic helminth infections	\$200,000
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI111208	Functional Analysis of Candidate Genes in Primary T Cell Immunodeficiencies	\$256,220
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI116746	Contribution of TFH and of TREG cells to DSA generation in sensitized KTx recipients	\$264,019
2015	VIRONIKA LLC	PA	R44AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$750,000
2015	THOMAS JEFFERSON UNIVERSITY	PA	R03AI111091	Regulation of membrane fusion in macrophage phagocytosis	\$77,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	R13AI117974	Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$5,000
2015	IMMUNOMIC THERAPUETICS INC.	PA	R43AI113914	TN-LAMP-vax: a Multi-Valent Tree Nut Allergy Immunotherapy	\$78,764
2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105160	TRUSS as a novel regulator of inflammatory genes in asthma	\$232,500
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI113050	Alveolar macrophage protein interactions in response to SP-A and infection	\$240,450
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI117726	Clinical manufacturing and toxicology testing of an adenoviral-based RSV vaccine	\$385,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI115688	Role of beta-arrestin-2 on IgE-mediated cofilin dephosphorylation and mast cell activation	\$200,000
2015	DREXEL UNIVERSITY	PA	R01AI114292	Multivalent chimeric subunit malaria vaccines	\$493,521

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2015	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$308,889
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$383,380
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$447,942
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117282	Separation of GVHD and GVT effects by a TCR signaling mutation	\$240,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$210,027
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$371,359
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$348,171
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular mechanisms of eastern equine encephalitis virus pathogenesis	\$429,258
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI111037	Evolution of KPC-K pneumoniae that persist in patients on prolonged antibiotics	\$224,737
2015	VENATORX PHARMACEUTICALS INC	PA	R44AI096679	Preserving beta-lactam utility vs pathogens producing any class of beta-lactamase	\$1,000,000
2015	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$380,747
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	\$636,418
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$400,000
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$597,256
2015	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular basis of ?? T lineage specification	\$1,830,497
2015	WISTAR INSTITUTE	PA	U01AI110434	Towards Eradication: Reducing Proviral HIV DNA with Interferon-? Immunotherapy	\$1,939,835
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105168	Early Events in Pneumococcal Colonization	\$17,824
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108627	Interaction between microbiota and dendritic cells in mucosal tolerance	\$200,000
2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI110457	Inflammatory monocytes in the draining lymph node of ECTV infected mice	\$197,216
2015	IMMUNOMIC THERAPUETICS INC.	PA	R43AI118003	Development of Nanoplasmid LAMP-based Peanut Allergy Immunotherapy	\$200,258
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116216	An ex vivo model to predict outcomes and probe mechanism of anti-reservoir agents	\$220,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114080	The Role of Myeloid Lineage Cells in Leishmaniasis	\$57,962
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI110869	Resident memory T cells in leishmaniasis	\$200,000
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI107290	Candida albicans gene expression during intra-abdominal infections	\$195,700
2015	WISTAR INSTITUTE	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$442,406
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117100	Novel approaches to propagate molluscum contagiosum virus in cell culture	\$206,211

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2015	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI116636	Wolbachia-induced enhancement of human arboviral pathogens	\$368,376
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI113609	Quantifying insecticide impact on malaria transmission: does resistance matter?	\$227,655
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116317	Epigenetic Control of Plasma Cell Differentiation	\$240,000
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI079047	Cellular and molecular mechanisms of HSC dysfunction in chronic inflammation	\$377,551
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI111815	The Impact of Pre-existing SIV on Host Immunity to M tuberculosis in Macaques	\$778,756
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI119346	Animal Model for Testing SIV Latency Reversal Strategies	\$390,499
2015	UNIVERSITY OF PITTSBURGH	PA	UH2AI122295	Rational Design of Combination Regimens Targeting Both Host and Pathogen	\$600,000
2015	UNIVERSITY OF PITTSBURGH	PA	P01AI108545	Synergies among inhibitory receptors in tolerance, cancer and antiviral immunity	\$2,223,392
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$329,620
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$334,242
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$398,114
2015	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$735,463
2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI110848	Class II Processing and Presentation During Secondary Responses to Influenza	\$294,031
2015	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$27,707,809
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095500	Dissecting the alphavirus entry receptor NRAMP	\$465,872
2015	PENNSYLVANIA DRUG DISCOVERY INSTITUTE	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$19,775
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103785	Innate Immune Regulation of Intracellular Pathways Involved in Filovirus Budding	\$200,000
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI102543	T-cell immunity to polyomavirus infection	\$382,500
2015	DREXEL UNIVERSITY	PA	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$551,007
2015	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	\$1,448,775
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI110328	Viral Long Noncoding RNA Functions in Epstein-Barr Virus Infection	\$371,712
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111175	ReMOT Control of mosquito transgenesis	\$186,875
2015	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$2,852,731
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$1,027,582

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2015	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	\$41,581
2015	DREXEL UNIVERSITY	PA	F31AI110327	The Role of Rab6A in HIV-1 Env-mediated Entry into Monocyte-Derived Macrophages	\$41,614
2015	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	\$1,566,653
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI114266	Restriction of HIV-1 transmission by type 1 interferons	\$768,835
2015	UNIVERSITY OF PENNSYLVANIA	PA	F31AI114227	Understanding the role of IL-22 in cutaneous leishmaniasis	\$43,120
2015	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114187	Single molecule FRET study of viral programmed ribosomal frameshifting	\$29,766
2015	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI113000	A Biomaterial Approach to Attenuate Rejection of Skin Allografts	\$139,464
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI109339	Regulation of Transcription and Translation by Human Polyomaviruses	\$183,107
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI115759	Development of Small Molecule Therapeutics Against Smallpox and Other Poxviruses	\$1,110,810
2015	PHELIX THERAPEUTICS LLC	PA	R43AI120926	Cathepsin B Inhibitors as Therapeutics for Ebola Infection	\$222,382
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R03AI113635	Regulation of CD8 T cell memory by autocrine IL-2	\$75,350
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117365	Harnessing inflammasome activation to enhance efficacy of Salmonella vaccines	\$244,512
2015	UNIVERSITY OF PITTSBURGH	PA	R56AI118777	Regulation of Liver DC Function and Transplant Tolerance	\$381,220
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI118195	PET Probes Targeting Immune Cells for Imaging Tuberculosis	\$740,094
2015	INSTITUTE FOR CANCER RESEARCH	PA	R21AI119433	Mechanisms for cccDNA Formation and Persistence	\$267,750
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$244,999
2015	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI118293	Impact of Rapid Diagnostics in Children with Positive Blood Cultures	\$0
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI120363	Association Between Viral Hepatitis Infection and Low Muscle Mass Among HIV-Positive Individuals	\$79,659
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI114972	Vitamin A mediated protection from gastrointestinal infection	\$476,920
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI120560	Single-Cell Virology	\$495,948
2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI113320	Mechanisms regulating the B lymphopoiesis fetal/adult switch	\$223,125
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI107121	Mechanisms of Enterovirus Entry	\$404,477
2015	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,766,506
2015	WISTAR INSTITUTE	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$413,417

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2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$536,779
2015	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$351,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$400,000
2015	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$578,747
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$383,380
2015	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$231,848
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$382,500
2015	UNIVERSITY OF PITTSBURGH	PA	R21AI111115	Characterization of microRNA binding sites in the eastern equine encephalitis virus 3'NTR	\$187,154
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$310,000
2015	PHELIX THERAPEUTICS LLC	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$332,254
2015	VENATORX PHARMACEUTICALS INC	PA	R44AI096613	Phase II SBIR: Responding to NDM-1 - Advancement of a new MBL inhibitor to IND	\$1,000,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	F30AI112023	Innate lymphoid cell regulation of metabolic homeostasis	\$29,766
2015	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI115230	Poxviruses and Pro-Resolving Lipids	\$198,088
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI106842	Protective and Pathologic Roles for CD8+ T cells in Leishmaniasis	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112456	Non-CD4 tropic SIV: Enhancing CD4 T-cell help in antiviral immune responses	\$818,896
2015	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI106270	A Novel Therapeutic for Invasive Candidiasis	\$750,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105343	Cellular and transcriptional control of exhausted CD8 T cells lineage dynamics	\$400,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$400,000
2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI109135	Novel rabies virus vaccines that exploit innate immune signals	\$232,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI118431	Viral and Immune Dynamics of Rebound Viremia after VRC01 Administration	\$240,000
2015	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	\$48,120
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114143	Coronavirus Antagonism of the OAS-RNase L Pathway	\$54,194
2015	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$387,500
2015	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114089	Mechanisms of systemic IgA induction by commensal bacteria	\$54,194
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI116186	In vivo vaccine-driven evolution in Bordetella pertussis	\$188,375
2015	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI110793	Influence of temperature on malaria transmission and prospective vector control	\$549,087

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2015	THOMAS JEFFERSON UNIVERSITY	PA	R21AI113819	Exploiting an artificial APC to induce different T cell subsets	\$260,487
2015	UNIVERSITY OF PITTSBURGH	PA	U01AI118506	Efficacy of Antibiotics in Children with Acute Sinusitis: Which Subgroups Benefit?	\$1,021,834
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI118694	Viral control mechanisms of HIV-specific T cells in HIV-infected lymph node	\$704,645
2015	UNIVERSITY OF PENNSYLVANIA	PA	R21AI117718	Defining the role of microRNAs in CD8 T cell exhaustion	\$200,000
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI120821	Rapid Immune Restoration and Lung Injury in HIV/TB	\$651,351
2015	UNIVERSITY OF PENNSYLVANIA	PA	R33AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$480,000
2015	HEPATITIS B FOUNDATION	PA	R13AI118198	2015 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$5,000
2015	SWARTHMORE COLLEGE	PA	R15AI117657	Conformational Studies of the Region of Influenza A M2 Protein Involved in Viral Budding	\$326,754
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$385,000
2015	UNIVERSITY OF PITTSBURGH	PA	K08AI114883	Caspofungin pharmacokinetics-pharmacodynamics during intra-adolescent candidiasis	\$157,642
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI116855	Comparative and functional genomics of Toxoplasma and Hammondia hammondi	\$370,848
2015	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$1,446,339
2015	UNIVERSITY OF PENNSYLVANIA	PA	R01AI018289	Functions of HSV glycoproteins in virus entry and the humoral immune response	\$200,000
2015	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$2,165,295
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$417,455
2015	UNIVERSITY OF PITTSBURGH	PA	R01AI118896	Differential modulation of RIG-I and cGAS signaling by OASL and its role in antiviral response.	\$377,710
2015	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	Integrated University of Puerto Rico Clinical Trials Unit	\$968,581
2015	RHODE ISLAND HOSPITAL	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$441,454
2015	BROWN UNIVERSITY	RI	R21AI112363	Genotypic plasticity and parasex in Candida albicans	\$203,125
2015	GORDON RESEARCH CONFERENCES	RI	R13AI116011	2015 RNA Editing Gordon Research Conference & Gordon Research Seminar	\$5,000
2015	BROWN UNIVERSITY	RI	R21AI116309	Acceptability of PrEP for HIV Prevention among HIV-positive and HIV-negative Adolescents	\$217,955
2015	GORDON RESEARCH CONFERENCES	RI	R13AI120231	2015 Gordon Research Conference: Staphylococcal Diseases and Its Associated Gordon Research Seminar	\$7,000
2015	BROWN UNIVERSITY	RI	R01AI112953	The role of polo-like kinase in the duplication of the trypanosome cytoskeleton	\$401,224
2015	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,249,299
2015	GORDON RESEARCH CONFERENCES	RI	R13AI118230	2015 Microbial Adhesion and Signal Transduction Gordon Research Conference and Seminar	\$5,000

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2015	GORDON RESEARCH CONFERENCES	RI	R13AI115882	2015 Chemical & Biological Terrorism Defense Gordon Research Conference and Gordon Research Seminar	\$5,000
2015	GORDON RESEARCH CONFERENCES	RI	R13AI117977	2015 Phagocytes Gordon Research Conference & Gordon Research Seminar	\$15,000
2015	GORDON RESEARCH CONFERENCES	RI	R13AI115728	2015 Multi-Drug Efflux Systems Gordon Research Conference and Gordon Research Seminar	\$6,000
2015	GORDON RESEARCH CONFERENCES	RI	R13AI120499	2015 Viruses and Cells Gordon Research Conference	\$5,000
2015	RHODE ISLAND HOSPITAL	RI	R21AI113394	Hepatitis B virus transcriptional interference and liver cancer-related mutations	\$201,250
2015	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$397,058
2015	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$155,744
2015	RHODE ISLAND HOSPITAL	RI	R21AI107520	S.japonicum, anemia, and iron transport in human pregnancy	\$198,750
2015	GORDON RESEARCH CONFERENCES	RI	R13AI114065	2014/2015 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conferences	\$6,000
2015	BROWN UNIVERSITY	RI	R21AI115089	The role of structural inheritance in the positioning of the T. brucei flagellum	\$243,750
2015	GORDON RESEARCH CONFERENCES	RI	R13AI117947	2015 Tuberculosis Drug Discovery & Development Gordon Research Conference & Gordon Research Seminar	\$7,500
2015	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$8,000
2015	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$130,032
2015	RHODE ISLAND HOSPITAL	RI	R01AI101274	Schistosome Vaccines	\$558,938
2015	BROWN UNIVERSITY	RI	R01AI108441	Optimizing HIV Treatment Monitoring under Resource Constraints	\$766,672
2015	GORDON RESEARCH CONFERENCES	RI	R13AI115770	2015 Translation Machinery in Health & Disease Gordon Research Conference	\$5,000
2015	RHODE ISLAND HOSPITAL	RI	K01AI113068	The impact of maternal S. japonicum infection on fetal metabolism and growth	\$133,599
2015	GORDON RESEARCH CONFERENCES	RI	R13AI118204	2015 Nucleosides, Nucleotides & Oligonucleotides Gordon Research Conference and Seminar	\$7,500
2015	GORDON RESEARCH CONFERENCES	RI	R13AI115832	2015 Tropical Infectious Diseases Gordon Research Conference & Seminar	\$7,000
2015	GORDON RESEARCH CONFERENCES	RI	R13AI120703	2015 Apoptotic Cell Recognition & Clearance Gordon Research Conference & Gordon Research Seminar	\$7,000
2015	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$2,105,887
2015	GORDON RESEARCH CONFERENCES	RI	R13AI117963	2015 Calcium Signaling GRC/GRS	\$5,000
2015	RHODE ISLAND HOSPITAL	RI	R01AI116639	Hepatitis B virus vaccine escape mutants	\$362,250

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2015	RHODE ISLAND HOSPITAL	RI	K24AI112964	Microbial translocation, inflammation, and adverse pregnancy outcomes in humans	\$159,287
2015	GORDON RESEARCH CONFERENCES	RI	R13AI117912	2015 Antimicrobial Peptides Gordon Research Conference & Gordon Research Seminar	\$5,000
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	\$284,859
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI107123	Biogenesis of the Poxvirus Membrane	\$130,065
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI021758	Vaccinia DNA Replication	\$261,625
2015	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	\$345,252
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI109385	Targeting P. aeruginosa penicillin-binding proteins for drug discovery	\$186,875
2015	CLEMSON UNIVERSITY	SC	R21AI108287	Translational Control of Encystation in the Entamoebae	\$235,008
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI115056	Interplay between cellular bioenergetics and vaccinia virus infection	\$224,250
2015	CLEMSON UNIVERSITY	SC	R13AI118215	The Cell Biology of Eukaryotic Pathogen Symposium	\$5,000
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R15AI111338	Antifungal activity of complement peptides in candidiasis	\$448,500
2015	CLEMSON UNIVERSITY	SC	R15AI119801	Mechanisms of Fluconazole-Induced Aneuploidy in Cryptococcus Neoformans	\$437,246
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$368,750
2015	CLEMSON UNIVERSITY	SC	R21AI105656	pH and glucose sensing in Trypanosoma brucei glycosomes	\$183,936
2015	CLEMSON UNIVERSITY	SC	R03AI107950	Stress Induced Control of Protein Translation in Entamoeba Histolytica	\$73,544
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R56AI119026	Immune sensing of ischemic injury and complement-dependent modulation of alloimmunity in cardiac transplantation	\$373,750
2015	NUBAD LLC	SC	R41AI114114	Development of Peptide Antibiotic Nucleic Acids	\$299,600
2015	TISSUE TESTING TECHNOLOGIES LLC	SC	R43AI114486	Immunogenicity of wild-type pig tissues after ice-free cryopreservation in genetically engineered recipients	\$224,999
2015	NUBAD LLC	SC	R43AI118110	Development of Aminoglycoside-Nucleic Acid Conjugates for Inactivation of an Antibiotic Resistance-Confering Aminoglycoside Sensing Riboswitch	\$252,413
2015	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI118305	MicroRNA Regulates Graft-versus-Host Disease	\$186,875
2015	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI107379	Study of Novel Influenza C Virus	\$178,550
2015	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$362,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$129,938
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$420,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$195,908
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$392,000
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$437,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$126,144
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	\$85,014
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminoglycosides for Biodefense	\$691,963
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI112324	Understanding the molecular mechanisms of H. pylori VacA pore-formation	\$27,779
2015	RXBIO INC	TN	R43AI118004	Development of Rx100 as Novel Medical Countermeasure for Acute Radiation Syndrome	\$297,087
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI112541	Chemical Biology of Infectious Diseases (CBID) Training Program	\$139,109
2015	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$144,978
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$429,660
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091691	The Role of Human Rhinoviruses in Premature Infant Respiratory Disease and Asthma	\$123,480
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI115419	Characterization of CD8a cells as a novel immune population of the intestines	\$235,500
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	\$473,262
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$828,397
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI104352	Tuberculosis Risk and Highly Active Antiretroviral Therapy Initiation	\$135,257
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$482,613
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110578	Developing therapeutics to treat chronic infections	\$758,554
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$390,000
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI113490	JAK inhibition as a novel treatment for hemophagocytic lymphohistiocytosis	\$178,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI107145	High-throughput Screening for Inhibitors of Human Metapneumovirus	\$53,973
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$165,506
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI116808	Group A Streptococcal Vaccine Containing Immunogenic Peptides of Streptolysin S	\$157,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI109690	Novel biochemical and functional targets of PARP	\$196,216

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2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110618	Pneumococcal pathogenesis in sickle cell disease	\$445,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$292,509
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$119,449
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI107052	Two-component system interactions as uropathogenic Escherichia coli drug targets	\$358,688
2015	UNIVERSITY OF TENNESSEE	TN	R01AI105690	Screen for phosphatidylserine synthase inhibitors: antifungals & lipid probes	\$393,411
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI114262	The Role of Group 2 Innate Lymphoid Cells in RSV-Induced Airway Dysfunction	\$29,433
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI105197	Signaling pathways that interface with Klf2 to regulate B cell migration	\$196,250
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$172,097
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	T32AI106700	Training in the Design and Development of Infectious Disease Therapeutics	\$173,113
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI119796	Expansion of spectrum of activity of pleuromutilin for MDR Gram-negative bacteria	\$241,000
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114728	Immunological mechanisms of protection against divergent influenza A strains	\$463,488
2015	MIDDLE TENNESSEE STATE UNIVERSITY	TN	R03AI112861	Development of high-throughput methods to screen antimicrobial peptoids	\$63,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI117905	Structure based design of antibodies and vaccines	\$2,169,626
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$389,664
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$107,911
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Host and Viral Determinants of Infant and Childhood Allergy and Asthma	\$1,900,883
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$392,500
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$437,500
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI099080	Molecular and chemical validation of the vacuole as a new antifungal target	\$400,729
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R13AI118176	3rd International Symposium on Neglected Influenza Viruses	\$7,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI110527	Tennessee Center for AIDS Research (TN-CFAR)	\$1,500,021
2015	EAST TENNESSEE STATE UNIVERSITY	TN	R56AI117730	Complement-mediated anti-pneumococcal functions of C-reactive protein	\$370,000

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2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$392,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI113292	Fit to remember? B cell metabolic 'fitness', AMPK & recall antibody responses	\$196,250
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	Non-canonical functions of autophagy proteins	\$437,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$397,047
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$390,000
2015	MEMPHIS STATE UNIVERSITY	TN	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	\$443,222
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$398,920
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI114339	A Competition Binding Assay for Identifying Novel HIV-1 Capsid Ligands	\$353,250
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI118887	Reovirus Attachment Mechanisms	\$521,839
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI118376	Exogenous PGI2 protection against RSV-induced illness	\$29,633
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$358,200
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$478,280
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$388,865
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI120553	The impact of dietary metals on the gut microbiome and Clostridium difficile infection	\$52,406
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,603,813
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$437,500
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$455,432
2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	\$190,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI113107	Host-pathogen interactions during osteomyelitis	\$172,098
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$442,270
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108778	CopN mechanism as a key to understanding Type Three Secretion in bacteria	\$392,124
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$389,664

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2015	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$337,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$390,000
2015	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$352,608
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$387,209
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI119596	Effect of mosquito larval infection on adult life history traits	\$235,380
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$172,098
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI108481	Regulation of HIV-1 Host Factor Interactions by Cyclophilin A	\$27,722
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI113858	Hospital Admissions & Emergency Room Visits in Adults Associated with Influenza C	\$78,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI119224	High Throughput Identification of Treg Activating Molecules	\$232,276
2015	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI114748	Gender difference in miRNA-mediated T cell aging during viral infection	\$365,000
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$458,894
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infection Research Program	\$275,882
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI100643	Mechanical basis of T cell receptor triggering	\$406,485
2015	IMMUNO TECHNOLOGIES, INC.	TN	R44AI096551	Lab on a chip point of care assay for the rapid serodiagnosis of Lyme disease	\$1,000,000
2015	UNIVERSITY OF TENNESSEE	TN	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$427,809
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$547,101
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI114816	Structural and functional basis of ultra potent CHKV neutralization by human mAbs	\$761,802
2015	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Activation-Induced Cell Death in T Cells	\$437,500
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,618,967
2015	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$390,000
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	\$479,457
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$0

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2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$2,053,625
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI115451	Synthetic neoglycopeptides as Chagas disease vaccine	\$198,860
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$121,357
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$371,669
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$316,000
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$14,856,806
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$666,817
2015	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$356,122
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Intrinsic B cell epigenetic regulation of antibody and autoantibody responses by Sirt1	\$414,229
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K08AI113317	Daptomycin Resistance in Enterococcus faecium	\$149,418
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	\$318,788
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109127	A novel anti-inflammatory role for the neutrophil NADPH oxidase	\$198,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI110214	Susceptibility of antigen-specific CD4 T cells to HIV: implications for HIV vacci	\$139,500
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113725	Real-time Detection of Active TB in HIV Exposed Children on CustomizedNanotrap	\$398,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI112015	Development of novel quantitative methods for in vivo assessment of mucosal irrit	\$619,758
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101413	Mechanisms of Cytosolic Clearance of Rickettsiae	\$193,750
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113724	SK channel antagonists as novel bronchodilators for asthma	\$185,390
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI103763	Protein nanoclusters for delivery of high concentration therapeutic antibodies	\$218,825
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113206	Establishment of a Transgenic Mouse Model for Middle East Respiratory Syndrome Co	\$193,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI107784	Induction, maintenance, and function of genital tract-resident CD8+ T cells	\$193,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI118193	Rickettsiales: Disease Models, Immunity and Vaccine Development	\$12,000
2015	RICE UNIVERSITY	TX	K22AI110552	Mechanisms of Stimulating Innate Immunity	\$160,004

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2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$595,447
2015	RICE UNIVERSITY	TX	R21AI115014	Dynamical interrogation of the Bacillus subtilis sporulation network using an engineered light-switchable promoter system	\$229,389
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI110941	Single Cell Genomics for Malaria Parasites	\$457,500
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI110577	Dynamics of Hepatis C viral RNA-dependent RNA replication	\$479,012
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$444,015
2015	TEXAS ENGINEERING EXPERIMENT STATION	TX	R01AI110642	Modeling and Analysis of the Role of Microbiota Metabolites in T-Cell Differentiation	\$413,666
2015	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$396,689
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,627,681
2015	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$819,926
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI118807	Central metabolism of Salmonella in the inflamed gut	\$403,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in P. Chabaudi Malaria	\$403,335
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$391,250
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$661,840
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI113145	Role of IRF4 in T helper cell fate decisions	\$388,040
2015	TEXAS TECH UNIVERSITY	TX	R21AI119782	Discovery of New Anti-amoeba Therapeutics	\$208,925
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI103036	Targeting Entry Pathways in Leishmaniasis	\$131,795
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	\$612,584
2015	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	\$1,915,116
2015	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	\$188,944
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	\$397,500
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI106200	Control of Treg exhaustion by OX40	\$393,750
2015	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI110771	MIF inhibition as a novel treatment for autoimmune myocarditis	\$183,750
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$1,255,285
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107419	Malnutrition-related Lymph Node Dysfunction and Risk of Visceral Leishmaniasis	\$193,750
2015	LYNNTECH, INC	TX	R43AI113950	Antimicrobial Microbead Containing Topical Gel for Burn Wound Disinfection	\$293,368

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2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI098724	Novel gene-silencing therapeutics for multidrug-resistant gram-negative pathogens	\$365,500
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI103668	Bacterial-type hexokinase (HK) in the opportunistic parasite <i>Cryptosporidium parv</i>	\$177,793
2015	BAYLOR COLLEGE OF MEDICINE	TX	U19AI116497	Engineering Novel Enteroid Models for Understanding Human Enteric Disease	\$1,032,025
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F32AI114182	Structure-function analyses of bacterial Type IV secretion system subassemblies	\$54,194
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$367,923
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109904	A high throughput discovery platform captures mosquito-specific toxins	\$242,250
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI113508	The Twort-like bacteriophages of <i>Staphylococcus aureus</i> : paradigm phages for novel therapeutics	\$222,000
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI118228	Targeted-delivery of small interference RNA against anthrax	\$191,250
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI114800	Cardiac microlesion formation during invasive pneumococcal disease	\$383,582
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113771	Functional Portraits of tRNA-derived Small Non-coding RNAs	\$232,500
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinases.	\$400,000
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$400,000
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI109294	Regulation and function of nonlymphoid organ CD103 dendritic cells	\$200,000
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$291,610
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of <i>Treponema pallidum</i> Lipoproteins	\$617,627
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	<i>Chlamydia trachomatis</i> proteomics	\$371,250
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$339,304
2015	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$583,775
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of <i>Borrelia burgdorferi</i>	\$430,812
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$286,659
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$385,600
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI106958	The role of indolamine2,3-dioxygenase in the host response/pathogenesis of Venezu	\$174,100

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI116240	Host and Viral Factors in HIV Pathogenesis.	\$382,500
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI103565	A novel role of NF-kB in viral-induced airway oxidative stress	\$193,750
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$758,008
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI104960	Application of Imaging to Development of Tuberculosis Interventions	\$371,800
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI109523	Signaling Molecules in Mycobacterium tuberculosis	\$72,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI109711	Advancement of Treatments for Ebola and Marburg Virus Infections	\$5,777,478
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI116222	Novell small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$218,625
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI114657	New Paradigm for Host and Viral Gene Regulation by MERS Coronavirus nsp1	\$387,500
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI118051	Mycoplasma pneumoniae CARDS toxin mediated ADP-ribosylation of NLRP3 inflammasome	\$239,250
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI120696	Improved Zinc Finger Nuclease Delivery for HIV Gene Therapy	\$76,500
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R56AI108657	Regulation of cell cycle transitions by CRK1 and CRK3 in trypanosomes	\$382,903
2015	KJ BIOSCIENCES LLC	TX	R43AI108072	A novel broad-spectrum influenza vaccine	\$290,634
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107380	Population Genetic Structure of Ixodes scapularis and disease transmission	\$217,269
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI119775	Development of a safe and valid surrogate to study Lassa virus	\$245,350
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$397,500
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$619,093
2015	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,795,078
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$443,247
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$375,000
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$353,925
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$373,650
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$442,089
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI093533	Mechanism and pathophysiological significance of mast cell regulated exocytosis	\$487,000

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2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI109465	Targeting Heme Transporters for Improved Vaccines against Anthrax	\$236,876
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$131,490
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	\$957,982
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$1,165,726
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	\$598,306
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$465,984
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106574	Inhibition of HIV by GPI-anchored Antibody Derivatives	\$200,000
2015	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	\$162,904
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	\$387,500
2015	TEXAS TECH UNIVERSITY	TX	R21AI106400	Characterization of the antiviral activity of BCA2	\$186,250
2015	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI116567	Role of Cholesterol Metabolism in Pathogenesis of Mycobacterium Tuberculosis	\$364,750
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$199,973
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K22AI097345	Interrogating the Interaction between Toxoplasma Secreted Factors and the Host Im	\$106,553
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI110513	Deconstructing the allo-specific memory B cell response	\$396,793
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114877	Prevalence of Chagas in Patients with Dilated Cardiomyopathy	\$239,400
2015	POND LIFE TECHNOLOGIES LIMITED LIABILITY COMPANY	TX	R41AI115854	Green Algal Strains for Biological Control of West Nile Virus Mosquitoes	\$149,726
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114523	Long noncoding RNAs and their contribution to 22q11.2 deletion syndrome	\$223,040
2015	AI BIOSCIENCES INC	TX	R43AI115830	Rapid and Ultrasensitive Direct Detection of RNA for Norovirus Gastroenteritis	\$209,304
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117368	Dysregulated type-1 and Vascular Responses in Scrub typhus Pathogenesis	\$232,500
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI116914	Targeting the Toxins: A Novel Non-Antimicrobial Approach to Combat Clostridium difficile infections	\$371,500
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$364,270
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115225	A novel field-applicable molecular test for visceral leishmaniasis	\$236,633

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2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI115082	Novel broad spectrum inhibitors of filovirus infection	\$277,500
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI114335	Mechanisms of Action of Novel HIV Rev Co-factors	\$236,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI110358	Mechanisms of HCV Assembly	\$387,500
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI116282	Harnessing NK Memory to Protect Against HIV Infection	\$592,984
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114511	Tryptophan derivatives in EHEC pathogenesis	\$457,097
2015	TEXAS A & M UNIVERSITY	TX	R01AI116895	Mechanisms of Clostridium difficile spore germination	\$270,206
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$420,757
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$1,528,893
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$384,554
2015	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$312,792
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$216,488
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$393,250
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$382,500
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$363,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$509,429
2015	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI109630	Inhibition of neutrophil responses by ecSOD	\$73,000
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	F32AI109834	The role of host RNA-binding proteins in regulating dengue virus replication	\$42,545
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107135	The use of the pregnant sheep model in vaccine safety studies against brucellosis	\$191,562
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI103652	Study Sox4 regulated genes in B cell development in a novel in vitro system	\$200,000
2015	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R21AI111120	Viral nanoparticles as ultrasensitive reporters in lateral-flow assays	\$188,125
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI119710	Developing Therapeutics against Giardia and Other Anaerobic Protozoa by Targeting Parasite Fatty Acyl-CoA Synthetase (ACS)	\$215,789
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117615	Immunization with a Novel Single Cycle Flavivirus Particle Vector and Antigenic Peptide Nanofibers as a Prime-boost Vaccine Strategy against HSV-2	\$232,500
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K99AI116948	Type VI Secretion System MIX-effectors and their use as anti-bacterial agents	\$83,917

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI116030	Eastern Equine Encephalitis Emergence in Panama	\$245,267
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$371,557
2015	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI115175	The genetics of behavioral resistance in Anopheles gambiae (M)	\$215,424
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115420	Role of microenvironmental cues in CD8 T cell activation and memory generation	\$242,250
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$217,172
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI109096	Molecular mechanism of virulence regulation in Streptococcus pyogenes	\$398,750
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$479,653
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Secretion Effector Proteins in Coxiella burnetii	\$417,204
2015	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$367,500
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$391,250
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$344,250
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$432,358
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$54,918
2015	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$123,827
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$332,910
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI085371	Using the MHC class I cytoplasmic tail to control tumor Ag presentation by DCs	\$395,000
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$824,344
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$387,500
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109088	Antiviral Innate Pathways and Superoxide Dismutase in RSV Bronchiolitis	\$193,750
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI110101	Functional similarity of PRD-containing virulence regulators in B. anthracis	\$29,450
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111023	Identification of novel M. tuberculosis secreted effector proteins	\$235,092
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI106731	FlhE as a probe for the flagellar Type III secretion pore	\$193,125
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109090	Prediction and Classification of Allergenicity in a Protein Family	\$201,195

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2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$740,494
2015	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI113585	Microvesicle Isolation from Mycobacterium tuberculosis infected macrophage using	\$68,716
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI114927	Genetics of bacteria-mediated viral co-infection	\$242,250
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI117862	Trans-complementing papilloma virus for AIDS vaccine	\$904,454
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI119879	Rethinking the barrier: How a Gram-negative bacterium alters its surface to become multidrug resistant	\$0
2015	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI114762	Enhancement of protective efficacy of Coccidioides vaccines by adjuvants	\$247,490
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI117220	Clostridium difficile Immunity: Role of IGA and GALT	\$237,500
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI114424	Recombinant Papillomavirus-based HIV Vaccine Targeting Genital Mucosa	\$277,500
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI107415	Design of Point of Care Device for the Rapid Diagnosis of Pertussis	\$219,615
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI095293	Bacillus Anthracis and Complement	\$356,725
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$477,000
2015	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$218,067
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$529,459
2015	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	\$419,620
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$363,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$442,380
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	\$466,165
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$371,200
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$381,345
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI113200	A new mammalian-specific function for OspC in Lyme borreliosis	\$181,875
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI112851	Mechanism and Evolution of Filoviral Monoclonal Affinity Reagent Sandwich Assays	\$470,814
2015	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI114344	Suppressing HIV infection by disrupting CCR5 with double nicking CRISPR-Cas9 syst	\$75,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	Ehrlichia T1S Effector Regulation of Host Gene Transcription	\$383,726
2015	PHARMA REVIEW CORPORATION	TX	R41AI117990	Lactoferrin Modulation of Granuloma Pathology	\$224,725
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113407	Next Generation sequencing of yellow fever 17D vaccine virus	\$193,750
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116173	Role of P-TEFB in HIV latency	\$198,097
2015	BAYLOR COLLEGE OF MEDICINE	TX	K22AI104761	Parameters T-Cell Receptor avidity during thymic selection in autoimmune diabetes	\$107,252
2015	UNIVERSITY OF TEXAS AT DALLAS	TX	R01AI116610	Genome defense and acquired antibiotic resistance in Enterococcus faecalis and Enterococcus faecium	\$382,500
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI113125	ROLE OF BCAP IN REGULATING INFLAMMATION AND ADAPTIVE IMMUNITY	\$201,875
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI117445	Development of Safer,Live Attenuated Rift Valley Fever Vaccines	\$232,500
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI116208	Adipose Tissue is a significant reservoir for HIV	\$213,927
2015	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI119821	Collagen binding as a virulence mechanism in Lyme borreliosis	\$218,268
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115286	Hijacking of cellular pathways by novel tick-borne phlebovirus	\$231,400
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113128	Development of a Tick Transmission Model for Heartland Virus Pathogenesis	\$232,500
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI114961	Characterization of LiaR from multidrug-resistant E. faecium	\$245,230
2015	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI120027	Role of Grail in maintaining humoral immune tolerance	\$80,000
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI117442	Lactobacillus reuteri treatment for Treg-deficiency Autoimmune Disease	\$77,000
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117299	Evolution of the Morphology-Virulence Relationship in Candida Species	\$239,488
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI119572	CRASP-mediated Serum Resistance by Borrelia burgdorferi	\$252,888
2015	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI116864	Mycobacterium tuberculosis proliferation and its regulation	\$357,500
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$411,814
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	MECHANISM OF RNA SYNTHESIS AND 5'-CAPPING BY DENGUE VIRUS NS5 POLYMERASE	\$382,750
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI114362	Functional interplay between Tat and novel host co-factors in HIV transcription	\$397,358
2015	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI119554	Development of novel chemical series of Candida albicans biofilm inhibitors	\$367,500

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2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI115691	Structure-guided redesign of an antischistosomal drug	\$539,799
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$397,500
2015	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$648,199
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$171,153
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	\$397,500
2015	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$393,750
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$391,250
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115231	Riboregulation in Pathogenic Rickettsiae	\$232,500
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$397,500
2015	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	\$424,361
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	Distinct contributions of CCR4 versus CCR7 to thymocyte localization and central tolerance	\$515,711
2015	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$392,000
2015	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI107570	Genetic determinants of bacterial fitness in polymicrobial wound infections	\$190,939
2015	BAYLOR COLLEGE OF MEDICINE	TX	R21AI110263	Mechanisms of Reactivation of Latent HIV by HDAC Inhibitors	\$195,625
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109100	Damage-associated Alarmin Key to Immune Responses in Viral Hepatitis	\$193,750
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI111042	Role of Reactive Oxygen Species in Nipah Virus Pathogenesis	\$232,500
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI110140	The lnc to clinical abnormalities in 22q11_2 deletion DiGeorge syndrome	\$30,808
2015	OMM SCIENTIFIC INC	TX	R41AI115897	Development of a Broad Spectrum Antiviral for Ebola and Marburg viral Infections	\$328,211
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI102267	Bioavailable proteasome inhibitors as broad-spectrum antivirals	\$409,384
2015	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI117341	Pan-Fungal Essential Gene Discovery for Antifungal Targeting	\$227,250
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI115362	Signal Transduction Pathways for Flagellar Gene Expression in Polar Flagellates	\$242,250
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI118005	The Microcirculation in Acute Infections: A Symposium in Honor of David H. Walker, MD	\$7,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI118586	Functional cure and virus eradication by early HAART plus vaccination with live attenuated rubella virus vectors in macaque infants and neonates	\$1,255,405
2015	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI120257	T-regs mediated immune responses in LTBI HIV positive individuals	\$216,176
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI115449	Ehrlichia modulation of polycomb group-dependent epigenetic regulation	\$229,200
2015	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$380,000
2015	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$362,322
2015	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI112477	Reducing Readmissions and Improving Outcomes in HIV-Infected Patients	\$173,556
2015	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$150,860
2015	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$372,500
2015	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$506,450
2015	BRIGHAM YOUNG UNIVERSITY	UT	R01AI116989	Multiplexed, Non-Amplified, Nucleic Acid-Based Identification of Multidrug Resistant Pathogens Using an Integrated Optofluidic Platform	\$1,383,090
2015	UNIVERSITY OF UTAH	UT	R01AI095647	Bacterial Invasion and Trafficking within the Bladder	\$372,500
2015	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI104593	Performance Validation of a Multiplexed IVD System for Gastrointestinal Pathogens	\$1,009,794
2015	BIOFIRE DIAGNOSTICS, LLC	UT	R03AI112865	Pilot utility and prospective performance study of a rapid automated diagnostic f	\$75,000
2015	UNIVERSITY OF UTAH	UT	K08AI116909	Noncanonical NFkB Pathway-Mediated Mechanisms of Common Variable Immunodeficiency	\$187,164
2015	UNIVERSITY OF UTAH	UT	R21AI114462	Role of Zfp318 in the functional development of B cells	\$223,500
2015	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$372,500
2015	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$361,313
2015	UNIVERSITY OF UTAH	UT	R21AI109122	Exploring the function of a novel, microbiota-regulated gene in T cells	\$186,250
2015	UTAH STATE UNIVERSITY	UT	R33AI101483	Targeting induction of calcium buffer proteins for treatment of viral encephaliti	\$316,300
2015	UNIVERSITY OF UTAH	UT	R01AI100873	Role of Transcription Coactivator OCA-B in Gene Poising and Immunological Memory	\$372,500
2015	UNIVERSITY OF UTAH	UT	R03AI113631	Expanding the Genetic Basis of Common Variable Immunodeficiency	\$74,500
2015	BIOFIRE DIAGNOSTICS, LLC	UT	R01AI117035	FilmArray Direct: Rapid Diagnosis of Antimicrobial-Resistant Pathogens from Blood	\$1,400,168
2015	NAVIGEN INC	UT	R44AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$1,000,000

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2015	UNIVERSITY OF UTAH	UT	R21AI114432	Dynamics of early ESCRT recruitment during HIV budding	\$186,250
2015	NAVIGEN INC	UT	R43AI120414	Highly specific anti-toxin therapies for severe bacterial gut infections	\$299,943
2015	UNIVERSITY OF UTAH	UT	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$137,160
2015	UNIVERSITY OF UTAH	UT	R01AI111495	Surface-enhanced Raman Spectroscopy Immunoassay for Detection of Category A Patho	\$617,771
2015	NAVIGEN INC	UT	R44AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2015	UNIVERSITY OF UTAH	UT	R21AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$149,795
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$375,679
2015	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$158,582
2015	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Biomedical Research	\$70,784
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$374,950
2015	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Elimination of HIV using HERV specific T cells	\$469,915
2015	UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$381,898
2015	UNIVERSITY OF VIRGINIA	VA	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$176,692
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109068	The role of the C1P/cPLA2alpha interaction in anaphylaxis	\$190,625
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$394,848
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI113643	Function of a novel male-specific gene in Aedes aegypti	\$199,949
2015	UNIVERSITY OF VIRGINIA	VA	R21AI111189	Dissecting the role of fimbrial repertoire in Enteroaggregative Escherichia coli	\$237,000
2015	UNIVERSITY OF VIRGINIA	VA	R21AI114734	Role of IL-23 in the Immunopathogenesis of C. difficile colitis	\$230,926
2015	UNIVERSITY OF VIRGINIA	VA	K23AI114888	Quantitative molecular diagnostics for diarrhea etiology and vaccine efficacy	\$178,124
2015	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN-gamma with mast cells and eosinophils	\$385,000
2015	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$373,037
2015	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$436,751
2015	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$470,045
2015	UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	\$787,280
2015	UNIVERSITY OF VIRGINIA	VA	F30AI109984	Immune pathology and bone marrow transplant in disorders of Mecp2 overexpression	\$30,262

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2015	UNIVERSITY OF VIRGINIA	VA	R21AI117397	Neutrophils and adaptive immunity against invasive aspergillosis	\$197,500
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109391	Characterization of a Type II secretion system in a Gram-positive pathogen	\$185,800
2015	COLLEGE OF WILLIAM & MARY	VA	R15AI119978	Role of immune progenitors in regulation of genetic resistance against bacterial pathogens	\$363,740
2015	UNIVERSITY OF VIRGINIA	VA	R21AI114960	An Unanticipated Role of SAPS1 in IgE Production	\$237,000
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI119588	Allosteric regulation of a viral RNA-dependent RNA polymerase	\$241,500
2015	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$1,055,836
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI099250	Juvenile hormone action, and crosstalk between juvenile hormone and 20-hydroxyecd	\$342,426
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$373,750
2015	UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$129,870
2015	UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$519,918
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI108978	Molecular mechanism of TIRAP membrane targeting	\$80,500
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI115012	Determining the molecular mechanism of anthelmintic resistance in hookworms	\$237,348
2015	UNIVERSITY OF VIRGINIA	VA	R01AI114776	Combinations of Approved Drugs to Combat Ebola Virus	\$525,932
2015	GEORGE WASHINGTON UNIVERSITY	VA	P30AI117970	District of Columbia Center for AIDS Research (DC CFAR)	\$1,827,364
2015	GEORGE MASON UNIVERSITY	VA	R21AI117425	Microparticles for Directing Immune Cell Trafficking	\$189,781
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI114926	Role of metal transport in Streptococcus sanguinis virulence and competitiveness	\$352,375
2015	UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$442,851
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$402,500
2015	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$351,395
2015	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$344,264
2015	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$395,000
2015	UNIVERSITY OF VIRGINIA	VA	F32AI093041	The Role of Leptin in Susceptibility to Amebiasis	\$57,962
2015	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$399,225
2015	UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$392,100
2015	UNIVERSITY OF VIRGINIA	VA	R21AI109250	Lymphatic endothelial cells as inducers of systemic peripheral tolerance	\$193,225
2015	UNIVERSITY OF VIRGINIA	VA	R21AI108521	Genotyping and Pharmacokinetics in the HIV/MDR-TB epidemic of Eastern Siberia	\$182,875

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2015	UNIVERSITY OF VIRGINIA	VA	R21AI111604	PFOR inhibitor amoxicile for treatment of drug resistant parasites and bacteria	\$205,400
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI116815	Rotavirus Genome Replication and Virion Assembly	\$395,287
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI113806	Characterization of Regulated Intron Retention in T Cell Activation	\$190,625
2015	UNIVERSITY OF VIRGINIA	VA	R21AI110184	Structural characterization of the HIV-1 Rev response element	\$194,740
2015	UNIVERSITY OF VIRGINIA	VA	R01AI118732	Ethanolamine Signaling in Virulence Gene Regulation and Host/Microbial Interactions	\$380,215
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI115152	Structure of cytomegalovirus nuclease, UL98	\$76,250
2015	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$562,086
2015	UNIVERSITY OF VIRGINIA	VA	U01AI100799	An Evaluation of Treatment with Omalizumab to Improve the Asthmatic Response to a	\$1,591,510
2015	UNIVERSITY OF VIRGINIA	VA	R01AI099097	Bacillus anthracis Targets Involved in Chemokine-Mediated Antimicrobial Activity	\$395,000
2015	UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$152,048
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI099528	Comparative genome mapping of the Anopheles species cluster	\$193,815
2015	GEORGE MASON UNIVERSITY	VA	R21AI114490	Effect of novel cdk9 inhibitor on HIV transcription	\$220,928
2015	UNIVERSITY OF VIRGINIA	VA	R56AI120055	Clinical immune response to rhinovirus challenge in human asthmatics	\$386,300
2015	GEORGE WASHINGTON UNIVERSITY	VA	U01AI116414	Phase 1 Trial of Na-APR-1 and Na-GST-1 Hookworm Vaccines in Brazilian Adults	\$704,390
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$394,247
2015	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$566,133
2015	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$395,000
2015	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	\$327,200
2015	UNIVERSITY OF VIRGINIA	VA	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$211,616
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109111	Stabilization and regulation of a Bacillus anthracis spore lytic enzyme	\$189,877
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI105364	Anaplasma phagocytophilum hijacking of host cell monoubiquitination	\$190,625
2015	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI112009	Novel long-acting microbicide and contraceptive intrauterine system	\$581,904
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109532	Antibiotic selection for schistosome transgenesis	\$198,125
2015	HAMPTON UNIVERSITY	VA	R33AI102223	Host Vascular Mechanism for Therapeutic Protection against Select Pathogens	\$444,000
2015	UNIVERSITY OF VIRGINIA	VA	R21AI118269	Genetic basis of secondary lymphoid organ protection after virus infection	\$233,957

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2015	GEORGE WASHINGTON UNIVERSITY	VA	R34AI118537	Planning for Experimental Infection Trial to Test Hookworm Vaccine Efficacy	\$161,031
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI119081	Hierarchical antiviral immunity in disease vector mosquitoes	\$394,964
2015	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$633,862
2015	GEORGE WASHINGTON UNIVERSITY	VA	R01AI110675	Role of TGF-beta signaling in the Drosophila immune response against nematode-bacteria complexes	\$149,325
2015	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$430,832
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte Fcε Receptor	\$468,088
2015	UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$389,598
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	\$373,211
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI108088	The role of the C1P/cPLA2-alpha interaction in eicosanoid biosynthesis.	\$56,042
2015	UNIVERSITY OF VIRGINIA	VA	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$391,873
2015	GEORGE MASON UNIVERSITY	VA	R03AI110174	Development of a novel HIV-1 nuclear localization assay	\$71,164
2015	UNIVERSITY OF VIRGINIA	VA	R21AI117626	Adipokines in Pulmonary Viral Infection	\$237,000
2015	UNIVERSITY OF VIRGINIA	VA	R21AI110889	Gonococcal Nuclease Mediated Escape from Neutrophil Extracellular Traps	\$197,500
2015	MYCOMED TECHNOLOGIES	VA	R41AI115866	Urine Diagnostics for Aspergillosis	\$238,175
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI117654	E. coli ST131-H30 colonization: defining community and population level antagonism in the gastrointestinal microbiome	\$236,125
2015	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$404,486
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115138	Identification and disruption of mosquito heme transporters	\$234,042
2015	UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$128,558
2015	ALEXANDER BIODISCOVERIES LLC	VA	R44AI084244	Novel anti-viral agents to treat influenza	\$1,000,000
2015	UNIVERSITY OF VIRGINIA	VA	F31AI110146	SHP 1 Regulates Conventional T cell Resistance to Regulatory T Cell Suppression	\$31,921
2015	UNIVERSITY OF VIRGINIA	VA	F31AI114203	The Role of IL-23 in the Pathogenesis of Clostridium difficile Infection	\$30,262
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI113402	Structural Dynamics of Rotavirus Transcription	\$201,250
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI108533	HIV-1 Nef regulates activity of the ER chaperone calnexin	\$209,602
2015	GEORGE MASON UNIVERSITY	VA	R21AI113140	Nanotrap particle-based assay to quantify HIV-1 in latently-infected T cells	\$222,900

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2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F30AI112199	Neisseria gonorrhoeae TbpA functional analysis and inhibition	\$34,920
2015	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109517	Developing genetic tools for a new model of infection and immunity	\$234,554
2015	GEORGE WASHINGTON UNIVERSITY	VA	R33AI093179	A novel APOBEC-based vaccine approach for HIV	\$753,200
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109202	Staphylococcus aureus ribosomal protein processing, a potential new drug target	\$222,450
2015	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R00AI104828	Impact of herpesvirus protein kinases on host protein modification	\$241,145
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI115986	Novel Innate Receptor for the Fungal PAMP chitin	\$233,674
2015	UNIVERSITY OF VIRGINIA	VA	U01AI115594	Diagnostics and Pharmacotherapy for Severe Forms of TB	\$384,700
2015	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R15AI117648	Characterization of a novel genetic pathway required for Brucella virulence	\$458,638
2015	UNIVERSITY OF VERMONT	VT	R03AI117069	Developing Obese Mouse Models of Pseudomonas Aeruginosa Pneumonia	\$77,000
2015	UNIVERSITY OF VERMONT	VT	R21AI110016	Regulation of mitochondrial function in T cells	\$190,625
2015	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	\$381,250
2015	UNIVERSITY OF VERMONT	VT	R21AI115458	Erythroid cell modulation of T cell function	\$230,625
2015	UNIVERSITY OF VERMONT	VT	R21AI119974	A host genetic locus that regulates susceptibility to influenza infection.	\$230,625
2015	UNIVERSITY OF VERMONT	VT	R21AI117476	Reconstitution of the class XIV myosin glideosome from the malaria parasite	\$228,750
2015	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$185,478
2015	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$274,500
2015	UNIVERSITY OF VERMONT	VT	R21AI109192	T Lymphocyte Homeostasis in Obesity	\$190,625
2015	UNIVERSITY OF VERMONT	VT	R01AI102922	Cell-to-cell heterogeneity and the emergence of antibiotic resistance	\$305,000
2015	UNIVERSITY OF VERMONT	VT	R21AI112804	iNKT Cells Regulating Lung Mast Cells: New Treatment Opportunity for Asthma	\$190,625
2015	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$484,019
2015	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$504,637
2015	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	\$126,864
2015	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	\$837,646
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI112323	A FOXP3 complex that controls human regulatory T cell function	\$271,901

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2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$744,764
2015	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	\$386,250
2015	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$594,236
2015	WASHINGTON STATE UNIVERSITY	WA	R01AI108704	Study of Immune Avoidance During the enzootic Cycle of the Lyme Disease Pathogen	\$256,075
2015	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$371,214
2015	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$574,865
2015	UNIVERSITY OF WASHINGTON	WA	K23AI113185	Characterizing Extragenital Gonorrhea and Chlamydia: Natural History & HIV Impact	\$175,500
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI119341	Identification of Host Drug Development Targets in Influenza Using Transposon Mutagenesis	\$217,500
2015	UNIVERSITY OF WASHINGTON	WA	R21AI119473	Tuberculosis case finding by oral swab PCR	\$210,500
2015	UNIVERSITY OF WASHINGTON	WA	R56AI034501	Structural Biology of Type II Protein Secretion by Bacterial Cells	\$490,158
2015	UNIVERSITY OF WASHINGTON	WA	R01AI114630	Innate Immune Response to Hepatocyte Death	\$410,606
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$798,075
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$561,642
2015	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$339,750
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$2,046,594
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI121259	Statistical Methods for Adherence Issues in HIV Prevention Research	\$630,172
2015	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$611,718
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$544,523
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$427,900
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$13,241,799
2015	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$128,856
2015	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$2,468,981
2015	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$1,746,712
2015	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$683,292
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI109222	Environmental Signals that regulate GBS virulence	\$248,056
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$453,349

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2015	UNIVERSITY OF WASHINGTON	WA	F32AI104318	Triggers of HIV Disease Progression	\$54,194
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI110154	Cell-Based Secretion of Antiviral Molecules as a Treatment for HIV-AIDS	\$222,367
2015	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$647,178
2015	THE GENEVA FOUNDATION	WA	R01AI111516	Mammalian and Plant-derived Antibody-based Therapies against Sudan Ebolavirus	\$478,167
2015	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$177,250
2015	RARECYTE, INC.	WA	R43AI113990	Direct visualization assay for detection of B. burgdorferi in early Lyme Disease	\$299,366
2015	UNIVERSITY OF WASHINGTON	WA	K01AI110313	CTL mechanisms underlying effects of HLA-A*2301 and B*5301 on HIV-1 set-point	\$128,250
2015	VIRTICI LLC	WA	R43AI118001	A Novel Tolerance Therapeutic for Treating Peanut Allergy	\$318,728
2015	UNIVERSITY OF WASHINGTON	WA	R13AI118167	Principles of STD/HIV Research Course	\$7,500
2015	UNIVERSITY OF WASHINGTON	WA	R21AI119258	Mucosally-delivered HA stem binding antiviral for influenza	\$189,124
2015	UNIVERSITY OF WASHINGTON	WA	R01AI116292	Systems and carcinogenic impact assessment of topical microbicides on human mucosa	\$690,467
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI114113	Mechanisms of antibody protection in pre-erythrocytic and blood stage malaria	\$54,194
2015	WASHINGTON STATE UNIVERSITY	WA	R21AI117200	Tetracycline resistance: the Achilles' heel of antibiotic resistance?	\$226,500
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	K99AI111785	Investigating hepatocyte signaling driven by host-pathogen interactions	\$129,060
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI118500	Engineering T-cells with optimized anti-HIV chimeric antigen receptors and CCR5 disruption as a strategy to target HIV-infected cells	\$482,250
2015	EVERGREEN STATE COLLEGE	WA	R13AI120544	Evergreen Phage Conference 2015	\$4,000
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI116369	Methods for Immune Biomarkers Measurement, Preprocessing and Association Studies	\$387,407
2015	UNIVERSITY OF WASHINGTON	WA	R01AI120765	Improving Diagnosis, Treatment & Detection of Drug Resistance in HIV-2 Infection	\$776,203
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI119133	Human Herpesvirus 6 in Lower Respiratory Tract Disease and Chromosomal Integration after Hematopoietic Cell Transplantation	\$176,397
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$793,491
2015	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$377,185
2015	UNIVERSITY OF WASHINGTON	WA	K01AI116298	Optimizing repeat HIV testing during pregnancy and postpartum for PMTCT	\$126,387
2015	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$386,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$373,251
2015	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$206,726
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$751,825
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$3,229,009
2015	UNIVERSITY OF WASHINGTON	WA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$435,000
2015	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	\$435,000
2015	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	\$129,125
2015	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	\$370,977
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$565,909
2015	UNIVERSITY OF WASHINGTON	WA	R01AI112002	Combination HIV prevention in drug-eluting fibers: designing for efficacy and use	\$560,151
2015	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	\$451,989
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI115194	Experimental Plasmodium falciparum crosses using human-liver chimeric mice	\$281,951
2015	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$872,419
2015	SPRINGSTAR INC	WA	R44AI096563	Refinement of an autodissemination station for control of mosquito vectors	\$760,087
2015	UNIVERSITY OF WASHINGTON	WA	F32AI112101	Citrate and Metal Efflux by IceT	\$57,962
2015	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$1,121,460
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI109340	Roles of Experimentally Evolved Vaccinia Mutations in Antagonizing Cell Defenses	\$264,000
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111330	Protein tyrosine phosphorylation by dual specificity kinases in M. tuberculosis	\$229,200
2015	UNIVERSITY OF WASHINGTON	WA	F32AI114029	Genetic determinants of Acinetobacter baumannii desiccation tolerance	\$52,406
2015	UNIVERSITY OF WASHINGTON	WA	R21AI114923	Elucidating the function of a novel antibacterial amidase in Ixodes scapularis	\$207,031
2015	UNIVERSITY OF WASHINGTON	WA	R21AI119715	Drug Design Targeting ProRS in Anaerobic Parasites	\$162,599
2015	WASHINGTON STATE UNIVERSITY	WA	R01AI119159	Low pH-mediated HSV fusion and entry	\$377,500
2015	UNIVERSITY OF WASHINGTON	WA	R21AI115706	Asyctocytes, sleep and neuroinflammation	\$231,750
2015	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI114844	Viral and Host Biomarkers of Human Rhinovirus Disease Severity in Transplantation	\$175,987
2015	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$520,254
2015	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$460,986

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2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI103981	CHARACTERIZATION OF HIV-1 ANTIBODY RESPONSES IN CHRONICALLY INFECTED WOMEN	\$673,805
2015	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$310,522
2015	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$386,250
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$458,447
2015	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$991,744
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$473,205
2015	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$568,694
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$507,032
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$472,143
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	\$437,133
2015	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	\$1,481,971
2015	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	\$435,000
2015	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	\$770,330
2015	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$346,673
2015	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$435,000
2015	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	\$500,927
2015	UNIVERSITY OF WASHINGTON	WA	R21AI109020	Folliculin Interacting Proteins in Lymphocyte Development and Autoimmunity	\$231,750
2015	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$786,346
2015	UNIVERSITY OF WASHINGTON	WA	R01AI108626	The differentiation and function of CD4+ Th2 cells during allergen-induced asthma	\$531,050
2015	INBIOS INTERNATIONAL, INC	WA	R42AI102482	Antigen Detection assay for the Diagnosis of Melioidosis	\$673,521
2015	UNIVERSITY OF WASHINGTON	WA	R01AI111341	Bumped Kinase Inhibitors: Novel Therapeutics for Cryptosporidiosis&Toxoplasmosis	\$1,196,852
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111586	Immune-mediated elimination of antigen-specific Tregs during infection and cancer	\$286,151
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation	\$260,221
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$235,160

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2015	UNIVERSITY OF WASHINGTON	WA	R01AI110708	Rac: a critical regulator of the cytoskeleton and membrane trafficking in Giardia	\$386,250
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114766	Adhesive Interactions in Severe Malaria	\$581,593
2015	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K25AI119229	Elucidating phosphorylation signaling networks in infectious Plasmodium parasites	\$136,377
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI113325	BCAP/PI3K regulation of innate immunity to Listeria monocytogenes	\$217,500
2015	UNIVERSITY OF WASHINGTON	WA	UM1AI120176	Targeted Long-acting Combination Antiretroviral Therapy (TLC-ART)	\$3,528,112
2015	UNIVERSITY OF WASHINGTON	WA	F32AI115935	Defining the role of IRF5 in immunity against West Nile virus infection	\$54,194
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$459,776
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI107626	Phenoxyalkylimidazoles for use against persistent and replicating M. tuberculosis	\$248,400
2015	KINETA INC	WA	R01AI093387	Antiviral Drugs for Arenaviruses	\$1,296,933
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$737,398
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$16,885,478
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$1,476,996
2015	UNIVERSITY OF WASHINGTON	WA	R01AI096968	PrEP and protective immune responses against HIV-1	\$682,104
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$836,430
2015	SPRINGSTAR INC	WA	R43AI115782	Refinement of an Autocidal Gravid Ovitrap for mass-manufacturing	\$149,940
2015	UNIVERSITY OF WASHINGTON	WA	F30AI112385	Fc-Mediated Antibody Responses in HIV-1 Mother-to-Child Transmission	\$48,120
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$7,732,619
2015	UNIVERSITY OF WASHINGTON	WA	R01AI111738	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$592,008
2015	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$2,824,774
2015	PHARMAIN CORPORATION	WA	R43AI107953	Medical countermeasure after radiation exposure	\$299,815
2015	UNIVERSITY OF WASHINGTON	WA	R01AI111780	Mechanisms of Protective Local Immunity in Human Female Reproductive Tract	\$317,320
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	\$427,500
2015	THE GENEVA FOUNDATION	WA	R33AI101387	Targeting Cellular Processes to Counter the Effects of BoNT Intoxication	\$367,638
2015	IDGENOMICS INC	WA	R41AI116114	Clonotyping Technology for Prediction of Antibiotic Resistance	\$214,436

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2015	PAI LIFE SCIENCES INC	WA	R43AI109936	Immuno-Chemotherapy to Shorten TB Treatment	\$300,000
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$499,889
2015	ATTODX INC	WA	R41AI118851	Ultra-Sensitive Diagnosis of AIDS-Related Tuberculosis	\$220,230
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111181	Parallel Microscopic Determination of Fitness (PMDF) to Assess Growth and Viability of Mycobacterium tuberculosis	\$283,500
2015	UNIVERSITY OF WASHINGTON	WA	R01AI116669	Listeria monocytogenes physiology and host pathogen interactions	\$403,500
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI104384	Defining BCR evolution during immunization	\$740,759
2015	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,529,656
2015	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$693,262
2015	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,981,698
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$421,409
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$9,184,867
2015	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	\$804,586
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$552,710
2015	UNIVERSITY OF WASHINGTON	WA	R33AI094412	Nanoparticle microbicides for delivery of combination antiretroviral drugs	\$485,734
2015	UNIVERSITY OF WASHINGTON	WA	R01AI101084	Silencing and Counter-Silencing of Salmonella Virulence Genes	\$386,250
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$3,774,222
2015	UNIVERSITY OF WASHINGTON	WA	K08AI102921	Mechanisms to restrain social cheating from quorum sensing in Pseudomonas aerugin	\$175,792
2015	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	\$177,123
2015	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$177,347
2015	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$481,876
2015	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	\$719,679
2015	WASHINGTON STATE UNIVERSITY	WA	R00AI106963	Conserved Immune Response to Sensing Cytosolic DNA	\$249,000
2015	UNIVERSITY OF WASHINGTON	WA	R03AI103322	Epidemiology of oral gamma and beta HPV infections in mid-adult women	\$77,250
2015	WASHINGTON STATE UNIVERSITY	WA	R21AI112649	Brucella mechanisms of autophagy mediated egress	\$188,750
2015	WASHINGTON STATE UNIVERSITY	WA	R03AI113619	BLOCKING HSV INFECTION WITH BORTEZOMIB	\$75,500
2015	UNIVERSITY OF WASHINGTON	WA	R01AI112640	Typhoid Pathogenesis and Immunity	\$255,115

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	The role of antibodies in mother to child HIV transmission	\$677,258
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$838,218
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$440,000
2015	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,361,857
2015	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$459,387
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI098424	Effect of Helicobacter pylori cell shape on pathogenesis	\$35,578
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	\$676,468
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$17,738,847
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	\$130,680
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$2,450,784
2015	UNIVERSITY OF WASHINGTON	WA	R21AI109332	Phase Variation in Mycoplasma Genitalium	\$193,125
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108839	Induction and signature of pathogenic T cells in allergy	\$425,455
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI112619	Role of an ornithine rhamnolipid pigment in GBS virulence	\$491,246
2015	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$983,075
2015	UNIVERSITY OF WASHINGTON	WA	R21AI112389	Biophysical Signatures in HIV-1 Env Correlating with Mother-to-Child Transmission	\$255,002
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI107252	Anti-HBV therapeutics based on rare-cutting targeted endonucleases	\$203,715
2015	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI116908	The role of mycobacterial efflux pumps in virulence and antibiotic tolerance	\$171,345
2015	WASHINGTON STATE UNIVERSITY	WA	R21AI115157	Inactivating Inhibitors of Mycobacterium tuberculosis beta-lactamase BlaC	\$226,500
2015	WASHINGTON STATE UNIVERSITY	WA	R21AI115244	Regulation of Chlamydia trachomatis development via the stringent response	\$217,793
2015	UNIVERSITY OF WASHINGTON	WA	R21AI114827	Sessile Kupffer Cells in Liver Tolerance	\$231,750
2015	UNIVERSITY OF WASHINGTON	WA	R01AI106893	Chlamydia virulence: exploitation of host N-glycosylation	\$386,250
2015	UNIVERSITY OF WASHINGTON	WA	R01AI114556	Targeting Fnip1 to disrupt B cell development, metabolism, and transformation	\$396,614
2015	UNIVERSITY OF WASHINGTON	WA	R01AI120712	Persistent modulation of microbiota to enhance HIV vaccination	\$484,450
2015	SCISCO GENETICS INC	WA	R44AI120617	An integrated genotyping approach for HLA and other genetic systems	\$957,318

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2015	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$435,000
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$498,432
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$1,014,278
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$952,157
2015	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$3,732,229
2015	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$182,894
2015	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis and Evolution Training Program (VPETP)	\$166,212
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$406,438
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$246,286
2015	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	\$4,371,340
2015	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	\$502,908
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI095652	High throughput assays to detect inhibition of a key M. tuberculosis protease	\$387,500
2015	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$164,188
2015	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$760,880
2015	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$31,949,949
2015	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$712,297
2015	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI109118	Nanoformulation of Synergistic TLR Ligands to Enhance Amebiasis Vaccine Efficacy	\$202,250
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$1,083,699
2015	UNIVERSITY OF WASHINGTON	WA	R56AI074661	Biomaterials that Promote Infection Immunity	\$400,471
2015	UNIVERSITY OF WASHINGTON	WA	R01AI110743	Discovery and validation of new kinase drug targets in T. brucei	\$404,743
2015	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI115474	Pre-transplant vaccination against pulmonary viral infection	\$289,350
2015	UNIVERSITY OF WASHINGTON	WA	R21AI120713	Impact of Gastrointestinal Microbiome on the Host Response to an Effector-Memory T-Cell AIDS Vaccine and Multiple Low-Dose Challenge	\$217,500
2015	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI114699	Innate immune responses to malaria liver stage infection	\$472,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$677,974

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2015	VERSITI WISCONSIN, INC.	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$476,030
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$540,613
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$349,136
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$698,799
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109198	Impact of nucleotide metabolism on enterococcal antibiotic resistance	\$191,250
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$330,545
2015	SCARAB GENOMICS LLC	WI	R44AI094823	Toxoid adjuvant CRM197 production in a stable reduced genome E. coli strain	\$728,655
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$184,085
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI111025	Type II-NDHs in M. tuberculosis respiration and persistence	\$191,250
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI107123	Biogenesis of the Poxvirus Membrane	\$249,390
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$2,622,704
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$382,500
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	\$48,120
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	\$432,385
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Characterizing the therapeutic efficacy of CD8 T cell responses induced by the IL-15 superagonist ALT-803	\$686,872
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI113287	Drifting to victory: resolving the paradox of M.tuberculosis evolution	\$364,480
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$346,205
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$344,250
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035681	Molecular pathogenesis of Blastomycosis	\$494,393
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$344,250
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$382,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI105537	Regulation of Morphogenesis in Dimorphic Fungi by a GATA Transcription Factor	\$188,125
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$5,554,946

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2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	\$376,250
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$387,645
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI112206	Regulation of T cell differentiation by nuclear export of NF-kB inhibitor, IkbA	\$54,194
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI120655	Targeting CCL28 as therapy for obstructive lung disease	\$384,791
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$440,622
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	\$362,516
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	\$506,473
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI120642	Role of airway epithelial cells in host defense against pulmonary fungal pathogens	\$54,194
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	\$382,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI114277	Mechanisms of RNA regulation in the persistence of the AIDS pathogen Toxoplasma	\$187,010
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI108727	Mechanisms of Candida Biofilm Immune Evasion	\$192,024
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104928	Functional development of picornavirus-induced membranes throughout infection	\$162,010
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI107157	The Maternal-Fetal Interface in Listeria-Induced Pregnancy Loss	\$399,347
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI118495	Alloimmunization as a novel prophylactic vaccine for AIDS viruses	\$667,089
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Inner City Asthma consortium 3 (ICAC3)	\$12,125,381
2015	FLUGEN INC	WI	R41AI120269	Restimulating memory T cell responses in elderly by a novel, live influenza vaccine	\$224,997
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI118389	Vaccines Against Botulism	\$342,970
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI116382	GBV-C-mediated protection from AIDS in humans and GBV-C/SIV co-infected macaques	\$665,879
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$114,750
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$372,210
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI111024	Molecular pathogenesis and Blastomyces adherence	\$191,250
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$393,005
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$379,136
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	\$3,329,683

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2015	INTERNATIONAL EOSINOPHIL SOCIETY INC	WI	R13AI118098	9th Biennial Symposium of the International Eosinophil Society, Inc.	\$7,000
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI114190	Identifying Host and Pathogen Factors That Control Growth in Microsporidia	\$23,235
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$376,250
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$673,647
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$568,031
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$324,195
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$461,667
2015	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI093008	FOCIS Educational Courses: Basic Immunology in Medicine Update, Interventional Im	\$12,000
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$376,250
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	\$666,841
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110617	The Role of Complement Inhibition in Expanded Criteria Kidney Transplantation	\$746,213
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI113956	The Role of Rac and ROS in the Control of Aspergillus Infection	\$52,406
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109649	Adhesion of Leptospira interrogans to the Renal Proximal Tubule	\$229,500
2015	FLUGEN INC	WI	R41AI109925	Development of a novel highly effective influenza vaccine	\$300,000
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI112920	Leptospira interrogans Interactions with Endothelial Cells	\$382,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$410,597
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$173,797
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$277,044
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$371,402
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$494,552
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$700,781
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI104147	Phosphoinositides in the T. brucei Endomembrane System	\$57,962

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2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI110963	Genetic engineering of the Idd3 type 1 diabetes locus	\$191,250
2015	LUCIGEN CORP	WI	R33AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$874,613
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI121135	Fcgamma receptor-mediated suppression of immunodeficiency virus replication	\$778,850
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Viral and Environmental Determinants of Rhinovirus Illness Severity	\$1,418,656
2015	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2009 - 2013: The 9th through 13th Annual Meetings of the Federation of Clin	\$25,000
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$425,974
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI113580	Construction and Analysis of BoNT derivatives as Pain Specific Inhibitors	\$230,996
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI116007	Understanding the impact of human NKT cells on hematopoiesis	\$229,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI117413	Evolution of Chikungunya Virus in Wolbachia Infected mosquitoes	\$229,500
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI115911	Outer membrane vesicles and peptidoglycan of Neisseria gonorrhoeae	\$54,194
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI115931	The role of the Unfolded Protein Response in Brucella melitensis replication	\$30,426
2015	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$353,525
2015	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$395,750
2015	WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE	WV	R03AI116423	Cellular expression and regulation of interleukin-27 in the neonatal immune syste	\$71,500
2015	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI118789	Functional differentiation of tsetse species microbiota	\$239,425
2015	UNIVERSITY OF WYOMING	WY	R56AI118483	Impact of Fc glycosylation profile on HIV-specific bNAb functions	\$595,965
2014	Universidade Eduardo Mondlane		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$0
2014	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$0
2014	UNIVERSITY OF MONTREAL HOSPITAL		R21AI113096	TILDA: A new sensitive and precise assay to measure the size of the latent HIV reservoir	\$85,280
2014	Barcelona Centre for International Health Research		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2014	DG, ICMR FCRA (NIRT)		R01AI084390	HIV associated Lipodystrophy Syndrome in Children: Role of nutrition, ART & Genes	\$0
2014	INSTITUTO DE MEDICINA MOLECULAR		F32AI104252	Engineered liver platforms to study regulation of host microRNA in Plasmodium liv	\$0

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2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI049360	Regulation of T Cell Activity During Chronic Infections	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106307	Mechanism of Paramyxovirus Replication	\$0
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$224,835
2014	UNIVERSITY OF ARKANSAS SYSTEM	AR	R56AI113766	Virulence gene regulation in Staphylococcus aureus	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$0
2014	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$0
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$0
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI101750	Acinetobacter virulence and host innunopathogenesis	-\$186,270
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	-\$368,560
2014	J DAVID GLADSTONE INSTITUTES	CA	R21AI109499	Engineering Mesenchymal Stem Cell Microenvironments to Promote Immunomodulation	\$213,613
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$0
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$0
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$0
2014	STANFORD UNIVERSITY	CA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$416,374
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$359,600
2014	STANFORD UNIVERSITY	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$325,271
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI103685	Autoimmunity and age-related changes in thymic induction of self-tolerance.	-\$43,000
2014	TRITON ANIMAL PRODUCTS INC	CA	R43AI112240	Algae-expressed colostrum protein as prophylaxis for enterotoxigenic E. coli	\$0
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI112205	Computational and Experimental Study of Complex Molecular Pathways to HIV Latency	-\$51,530
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$0
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$0
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	-\$452,400
2014	STANFORD UNIVERSITY	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	-\$483,740

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2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	-\$93,640
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	\$0
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI101750	Acinetobacter virulence and host innunopathogenesis	\$239,450
2014	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval (CEDAR) - Overall	\$0
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$487,806
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$0
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI112248	Defensive strategies against the toxic effects of self-produced phenazine metabol	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI095319	Surveillance of Serum Contents by Mast Cells and Regulation of Allergic Immunity	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI102491	Host-pathogen Interactions during Vertical Transmission of Listeria monocytogenes	-\$46,956
2014	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fel d1 chimeric protein vaccine to treat cat allergy	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	-\$186,775
2014	STANFORD UNIVERSITY	CA	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	-\$224,835
2014	SCRIPPS RESEARCH INSTITUTE	CA	K99AI108728	The Anatomy of Viral Persistence: Lymphocyte Migration and Lymphoid Structure	\$0
2014	GLIXIS THERAPEUTICS LLC	CA	R43AI106168	N-acetylglucosamine analogs for the treatment of Multiple Sclerosis.	\$0
2014	STANFORD UNIVERSITY	CA	K08AI113216	Mechanisms regulating thymus growth and involution	\$0
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI113009	Explore FOXP3's role in the 3D organization of the genome	\$0
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$0
2014	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$0
2014	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	-\$2,866
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI104240	Pro-resolving lipid mediators in mycobacterial infection	\$47,126
2014	PANORAMA RESEARCH, INC	CA	R43AI109982	Antibody-Membrane Switch (AMS) technology for optimized antibody engineering	\$0
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	-\$364,356
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$411,250

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2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F32AI108097	Regulation of late genes and the transcriptional repressor protein EUO in Chlamyd	\$1,100
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$11,115
2014	OP-T-MUNE INC	CO	R41AI113977	Developing a new treatment for MS: Controlling CD40 in EAE	\$0
2014	COLORADO STATE UNIVERSITY	CO	R21AI101864	Mechanisms of Ferritin-iron Acquisition and Burkholderia pseudomallei Infection.	-\$183,221
2014	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	-\$31,279
2014	YALE UNIVERSITY	CT	F30AI112218	Modulation of vascular endothelial alloimmunogenicity by nanoparticle-mediated ge	\$0
2014	YALE UNIVERSITY	CT	K08AI103036	Targeting Entry Pathways in Leishmaniasis	-\$89,975
2014	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R44AI091089	Synthetic microparticle malaria vaccine	-\$2,082
2014	YALE UNIVERSITY	CT	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	-\$234,249
2014	YALE UNIVERSITY	CT	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$674,488
2014	YALE UNIVERSITY	CT	R21AI101918	Nanotherapeutics for combined immunosuppression in organ transplantation	\$0
2014	YALE UNIVERSITY	CT	R21AI103807	A critical role of NLRP6 in West Nile virus pathogenesis in mice	\$0
2014	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI106654	Effector and memory T follicular helper cells	\$77,378
2014	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	-\$162,033
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$0
2014	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$0
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R21AI116233	Purging the latent HIV reservoir at ART initiation: A new eradication strategy	\$0
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R21AI113096	TILDA: A new sensitive and precise assay to measure the size of the latent HIV reservoir	-\$149,240
2014	UNIVERSITY OF FLORIDA	FL	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$168,210
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R56AI108861	Broad spectrum antiviral and adjuvant properties of RIG-I agonists.	\$0
2014	UNIVERSITY OF FLORIDA	FL	R21AI101864	Mechanisms of Ferritin-iron Acquisition and Burkholderia pseudomallei Infection.	\$183,221
2014	UNIVERSITY OF MIAMI	FL	R56AI079336	The role of STING in innate immunity	\$0
2014	EMORY UNIVERSITY	GA	R56AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	-\$406,875
2014	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$0

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2014	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$0
2014	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI109499	Engineering Mesenchymal Stem Cell Microenvironments to Promote Immunomodulation	-\$168,075
2014	EMORY UNIVERSITY	GA	R21AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$0
2014	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$0
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$0
2014	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	-\$19,722
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$0
2014	UNIVERSITY OF CHICAGO	IL	R00AI095320	Role of Pattern Recognition Receptors in Protection Against Influenza Virus	\$0
2014	NORTHWESTERN UNIVERSITY	IL	R21AI105330	Translational control of gene expression during poxvirus infection	-\$1,553
2014	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$0
2014	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$0
2014	UNIVERSITY OF CHICAGO	IL	R56AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$0
2014	NORTHWESTERN UNIVERSITY	IL	F32AI108247	Virulence-Associated Accessory Genomic Elements of Pseudomonas aeruginosa	-\$7,572
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	-\$589
2014	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$0
2014	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$0
2014	NORTHWESTERN UNIVERSITY	IL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$0
2014	UNIVERSITY OF CHICAGO	IL	R56AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$0
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$0
2014	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$0
2014	UNIVERSITY OF NOTRE DAME	IN	R56AI108884	Designing Selective Inhibitors of IgE-mediated Mast Cell Degranulation	\$0
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	\$234,000

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2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$681,531
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI102873	Assembly of a Dodecahedral Virus	\$0
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI051517	Paramyxovirus F protein mediated membrane fusion	\$0
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI106260	Borrelia burdorferi Ebfc regulon	\$0
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI113386	Effect of the gut microbiota on malaria	\$84,904
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110158	Modified CMV-specific T cells to Target HIV	\$17,250
2014	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	\$222,000
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$690,636
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI116198	Targeting Macrophage Reservoirs in the Macaque Model of Pediatric AIDS	\$0
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	-\$15,748
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI101010	Epidemiology and modeling of the population dynamics of influenza and antimicrobi	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	R56AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$0
2014	BOSTON COLLEGE	MA	F32AI108251	Molecular Discovery and Characterization within Toxoplasma Egress Pathways	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$0
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$392,410
2014	TUFTS UNIVERSITY	MA	R56AI107821	Global transcriptome analysis of mucosal gonococcal infection	\$122,260
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$0
2014	CUBIST PHARMACEUTICALS, INC	MA	R21AI111097	Novel antimicrobials against multidrug-resistant Neisseria gonorrhoeae infections	-\$140,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI107678	Laser-based powder vaccine delivery for improved newborn immunization	-\$93,647
2014	PRIME BIO INC	MA	R03AI103868	Botulinum Neurotoxin Trafficking and Tissue Distribution with Mouse Body Imaging	\$0
2014	BOSTON MEDICAL CENTER	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	-\$415,175
2014	BOSTON MEDICAL CENTER	MA	R56AI107821	Global transcriptome analysis of mucosal gonococcal infection	-\$122,261

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2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$0
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	-\$729,446
2014	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$56,510
2014	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$0
2014	IMMUNETICS, INC	MA	R43AI100471	Immunoassay for diagnosis of Babesia infection	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	-\$116,344
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	\$116,344
2014	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$80,597
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$422,571
2014	Trustees Of Boston University	MA	R56AI113927	Rapid Molecular Diagnostic for Chlamydia and Gonorrhea at the Point-of-Care	\$0
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI109855	Regulation of Expression and Immunity in the Enterococcus Faecalis Cytolysin	\$0
2014	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	-\$80,597
2014	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$0
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	\$0
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$0
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$0
2014	TUFTS UNIVERSITY	MA	F32AI098358	Type VI Protein Secretion in an Emerging Multidrug-Resistant Pathogen	-\$284
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	-\$699,379
2014	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$0
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093282	Novel disposable microchips for HIV-1 viral load	-\$446,249
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$0
2014	UNIVERSITY OF MARYLAND	MD	R21AI105655	The electrophysiology of facultative pathogens	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	-\$456,447
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$144,007
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$0
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$105,610
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$0
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI091869	Investigation of the Role of TGF Beta in TH2-Mediated Disease	\$0
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI047466	Immunopathogenesis of Lupus	\$4,218
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R56AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$0
2014	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$299,988
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$0
2014	JACKSON LABORATORY (THE)	ME	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$232,052
2014	WAYNE STATE UNIVERSITY	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	-\$128,321
2014	TSRL, INC	MI	R43AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$0
2014	Regents of the University of Michigan	MI	F32AI106189	The Viral Life Cycle of Human Endogenous Retrovirus Type K	-\$44,082
2014	Regents of the University of Michigan	MI	R21AI097099	Toxoplasma endocytosis of host cytoplasm	\$0
2014	Regents of the University of Michigan	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,321
2014	BIOThERA INC	MN	R43AI107999	An immunomodulatory yeast-derived beta glucan as a component of a conjugate	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$0
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI107995	The role of the TCR in effector CD4 T cell differentiation	-\$38,425
2014	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$0
2014	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$21,480
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI109808	The Effect of HIV Infection on Malaria Specific T and B Cell Responses	-\$6,790

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2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$0
2014	MAYO CLINIC	MN	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$0
2014	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$0
2014	Duke University	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$0
2014	Duke University	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$0
2014	Duke University	NC	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI110682	NK cell regulation of adaptive immunity during persisting virus infection	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI106196	The Evolution of Lactate Catabolism and Nitric Oxide Resistance in Staphylococci	\$0
2014	Duke University	NC	F31AI106519	Epigenetic Control of the CD8+ T-cell Response to HIV	-\$1,954
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI106129	Genetic and functional studies of var2csa in placental malaria	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$0
2014	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$0
2014	Duke University	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$0
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$0
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	F32AI098617	Discovery of Novel HIV-1 Reverse Transcriptase Inhibitors by Fragment Screening	-\$22,590
2014	PRINCETON UNIVERSITY	NJ	R56AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$0
2014	SOLIGENIX INC	NJ	R43AI108175	Innate Defense Regulator Peptide as a Therapeutic for Acute Pneumonic Melioidosis	\$0
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	\$0
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$2,228
2014	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$0
2014	Yeshiva University	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	-\$67,200
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	-\$19,588
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI102502	Macrophage Differentiation in Acute and Chronic Helminth Infection.	-\$2,764

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2014	Yeshiva University	NY	R21AI105684	Novel serological biomarker for rapid tuberculosis diagnosis	-\$30,170
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI105330	Translational control of gene expression during poxvirus infection	\$1,553
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI103450	New molecular techniques for T. cruzi	\$5,513
2014	TECHNOVAX INC	NY	R43AI108099	Development, Production and Testing of VLP based Respiratory Syncytial Virus (RSV)	\$0
2014	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$0
2014	Yeshiva University	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$0
2014	Yeshiva University	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	-\$47,094
2014	CORNELL UNIVERSITY	NY	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	-\$232,500
2014	INNOVIMMUNE BIOTHERAPEUTICS INC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	-\$995,899
2014	Yeshiva University	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	-\$44,471
2014	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$67,200
2014	UNIVERSITY OF ROCHESTER	NY	U19AI091036	University of Rochester Center for Medical Countermeasures against Radiation	\$0
2014	Yeshiva University	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	-\$37,101
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R56AI108432	Regulation of SAMHD1 antiviral activity	\$152,663
2014	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$0
2014	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$0
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	-\$207,496
2014	COLUMBIA UNIVERSITY	NY	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	-\$392,410
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI097333	Cytokine regulation of anti-helminth immunity	\$0
2014	INNOVIMMUNE BIOTHERAPEUTICS HOLDING, LLC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$995,900
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$44,471
2014	Yeshiva University	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI091633	Translocation through TonB-dependent transporters	\$13,710
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R21AI105684	Novel serological biomarker for rapid tuberculosis diagnosis	\$30,170

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2014	COLUMBIA UNIVERSITY	NY	R56AI076458	Asymmetric Lymphocyte Division in the Immune Response	\$0
2014	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$56,820
2014	Yeshiva University	NY	R01AI091633	Translocation through TonB-dependent transporters	-\$13,710
2014	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$0
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI105987	Reprogramming Host Immune Responses to Cure or Control Persistent HPV Infection	\$0
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107069	The Role of RNA in Regulating recombination and allelic exclusion	\$0
2014	Yeshiva University	NY	R21AI103450	New molecular techniques for T. cruzi	-\$5,513
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$0
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$37,101
2014	Yeshiva University	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	-\$56,820
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$47,094
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI112492	Transcriptional control in innate lymphoid type II cells	\$0
2014	Yeshiva University	NY	R56AI108432	Regulation of SAMHD1 antiviral activity	-\$152,663
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI095608	Innate immune regulation of airway inflammation	\$337,441
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$0
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$0
2014	UNIVERSITY OF CINCINNATI	OH	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,057
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI112186	CD4 T cells with specificity to noninherited maternal antigen.	\$0
2014	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$0
2014	GUILD ASSOCIATES INC	OH	R01AI111535	Detection of Biodefense Pathogens Using Phage Diagnostics	-\$64,700
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$16,780
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106301	Validating novel drug targets in Trypanosoma cruzi polyamine biosynthesis	\$0
2014	DREXEL UNIVERSITY	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	-\$77,165

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2014	UNIVERSITY OF PENNSYLVANIA	PA	F32AI106333	A haploid cell-based screen for the discovery of Andes Virus entry factors	-\$3,841
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$0
2014	DREXEL UNIVERSITY	PA	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	-\$234,500
2014	DREXEL UNIVERSITY	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	-\$182,968
2014	INSTITUTE FOR CANCER RESEARCH	PA	R56AI110985	Regulation of Hematopoiesis By Ribosomal Protein Paralogs	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	U01AI095608	Innate immune regulation of airway inflammation	-\$337,441
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$59,063
2014	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	-\$13,725
2014	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$0
2014	THOMAS JEFFERSON UNIVERSITY	PA	R56AI073486	How bacteria corrupt the host vesicular trafficking: Interfering with host SNAREs	\$209
2014	FORGE LIFE SCIENCE LLC	PA	R43AI110048	Host-Targeted Mechanism of Action for Treatment of Seasonal and Pandemic Influenza	\$0
2014	INSTITUTE FOR CANCER RESEARCH	PA	R56AI110457	The Immune Response to Ectromelia Virus in the Draining Lymph Node	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$0
2014	DREXEL UNIVERSITY	PA	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	-\$725,473
2014	UNIVERSITY OF PITTSBURGH	PA	R56AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$0
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$0
2014	TB BIOSCIENCES INC	PA	R42AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$0
2014	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$182,968
2014	BARUCH S. BLUMBERG INSTITUTE	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$77,165
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097333	Cytokine regulation of anti-helminth immunity	\$0
2014	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114187	Single molecule FRET study of viral programmed ribosomal frameshifting	\$0
2014	GORDON RESEARCH CONFERENCES	RI	R13AI114065	2014/2015 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conferences	\$0

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2014	UNIVERSITY OF RHODE ISLAND	RI	R21AI107678	Laser-based powder vaccine delivery for improved newborn immunization	\$82,614
2014	UNIVERSITY OF SOUTH CAROLINA	SC	R03AI116423	Cellular expression and regulation of interleukin-27 in the neonatal immune system	-\$71,500
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	\$142,250
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI107233	Imaging the struggle for nutrient metal between host and pathogen	\$0
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	-\$63,071
2014	UNIVERSITY OF TENNESSEE	TN	R21AI113386	Effect of the gut microbiota on malaria	-\$96,924
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI113292	Fit to remember B cell metabolic 'fitness', AMPK & recall antibody responses	\$0
2014	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$0
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI107135	The use of the pregnant sheep model in vaccine safety studies against brucellosis	-\$145,634
2014	BAYLOR COLLEGE OF MEDICINE	TX	R56AI080656	Regulation of Rotavirus Replication	\$0
2014	BAYLOR RESEARCH INSTITUTE	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107227	Mitochondrial Biomarkers of Cardiomyopathy and Cure in Chagas Disease	\$0
2014	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$0
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$0
2014	BAYLOR RESEARCH INSTITUTE	TX	R01AI097348	Understanding the early and late endosomal TLR9-mediated responses to viral DNA.	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI104177	Pneumococcal Cardiotoxicity During Invasive Pneumococcal Disease	-\$1,873
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	-\$11,115
2014	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$0
2014	UNIVERSITY OF TEXAS AT DALLAS	TX	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	\$215,256
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$0
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI083359	Type III effector regulation of host GTPase signaling	\$0
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$0
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$0

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2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI103036	Targeting Entry Pathways in Leishmaniasis	\$89,975
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI103260	Does ampicillin resistance or clade type determine GI colonization by E. faecium	\$0
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI103685	Autoimmunity and age-related changes in thymic induction of self-tolerance.	\$53,075
2014	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI107135	The use of the pregnant sheep model in vaccine safety studies against brucellosis	\$145,953
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI111985	Short course therapy for MDR-TB based on PK/PD answers for biological variability	-\$732,431
2014	BAYLOR RESEARCH INSTITUTE	TX	R56AI111985	Short course therapy for MDR-TB based on PK/PD answers for biological variability	\$736,025
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI106654	Effector and memory T follicular helper cells	-\$71,979
2014	UNIVERSITY OF UTAH	UT	F32AI114191	Anti-Retroviral Activity of Human Endogenous Retroviruses	-\$11,284
2014	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$0
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI110675	Role of TGF-Beta signaling in the Drosophila immune response against nematode-bac	\$0
2014	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$0
2014	UNIVERSITY OF VIRGINIA	VA	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	-\$144,778
2014	UNIVERSITY OF VIRGINIA	VA	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	-\$176,057
2014	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	K23AI093678	Oral Polio Vaccine Circulation in Mexico	\$0
2014	UNIVERSITY OF VIRGINIA	VA	F32AI106076	Role of SipC in manipulating host signaling during Salmonella infection	-\$34,888
2014	UNIVERSITY OF WASHINGTON	WA	R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	-\$39,133
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$331,232
2014	UNIVERSITY OF WASHINGTON	WA	F32AI104240	Pro-resolving lipid mediators in mycobacterial infection	-\$47,126
2014	UNIVERSITY OF WASHINGTON	WA	R56AI064318	Characterization of Recent Thymic Emigrants	\$0
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	VA	R56AI112323	A FOXP3 complex that controls human regulatory T cell function	\$0
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI104449	PrEP EXPOSURE DURING HIV-1 INFECTION AND THE RISK OF LOW-FREQUENCY ARV RESISTANCE	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	-\$1,066,201

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$1,958,486
2014	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$0
2014	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$0
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	-\$324,797
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	-\$1,804,432
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$1,066,201
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	-\$48,265
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI103037	Neutrophil Subsets in Post-Viral Asthma	\$0
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI112519	Targeting CCL28 as therapy for obstructive lung disease	\$0
2014	WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE	WV	R03AI116423	Cellular expression and regulation of interleukin-27 in the neonatal immune system	\$71,500
2013	UNIVERSITY OF GOTEBOG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$0
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$0
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Mechanism of prolate cos phage capsid size redirection by S. aureus pathogenicity islands	\$0
2013	SOUTHERN RESEARCH INSTITUTE	AL	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$35,687
2013	AC DIAGNOSTICS INC	AR	R41AI104418	Point of Care Device for Molecular Detection of HIV	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$320,881
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$0
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	\$0
2013	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	-\$2,694
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$0
2013	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$0
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083113	HCV resolution correlates with patterned KIR expressions on lymphocytes.	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$0
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI096042	Regulation of Th17 cells by the Fyn Tyrosine Kinase	\$0

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2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$0
2013	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	-\$403,650
2013	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$0
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI108388	A T-independent pathway of B cell responses to oligomannosyl antigens of HIV-1	\$0
2013	COLLABORATIVE DRUG DISCOVERY INC	CA	R41AI108003	Identification and Validation of Targets of Phenotypic High Throughput Screening	\$0
2013	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI097061	Analysis of HIV/HCV Sexual Transmission Pairs Using Ultra-Deep Sequencing	\$0
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$0
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$0
2013	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$0
2013	SIXAL INC	CA	R43AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$0
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI099432	IgE-guided RNAi silencing of FcεR1b expression as a novel allergy therapeutic	\$0
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$0
2013	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$0
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$0
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI085077	Understanding the Role of Nucleosome Turnover in the Malaria Parasite	\$0
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R33AI079775	Iron Starvation: A novel strategy for HIV and Chlamydia microbicides	\$0
2013	COLORADO STATE UNIVERSITY	CO	R21AI094338	Mycobacterium Tuberculosis Lipoarabinomannan In Vivo	\$0
2013	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$0
2013	YALE UNIVERSITY	CT	R56AI105097	Thymic adipogenesis and age-related thymic demise	\$0
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI099668	Elucidating a role for a hematopoietic-tropic microRNA in autoreactive T cells	\$0

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2013	YALE UNIVERSITY	CT	R01AI052473	Natural History of Urban Leptospirosis	\$0
2013	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$0
2013	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$0
2013	YALE UNIVERSITY	CT	R21AI097695	Innate Immune Responses in Populations with Differing Susceptibility to Malaria	\$0
2013	YALE UNIVERSITY	CT	R21AI101456	Symbiosis and Immunity in the Tsetse Fly	\$0
2013	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI097520	In vitro Models of Glandular Hyperplasia in Pediatric Chronic Rhinosinusitis	\$0
2013	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints in the cellular response to tissue injury	\$0
2013	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$0
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI098098	Genetic screen for P. vivax CQR	\$0
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI080626	Characterization of S in the stress & virulence responses of S. aureus	\$0
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI101675	Assembly of Live Nipah Virus with Complement Factors	\$21,253
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI101072	Delineating EEEV Over-Wintering and Early Season Amplification Mechanisms	\$0
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI097591	Mechanisms of Membrane Translocation by Protein Toxins	\$0
2013	UNIVERSITY OF FLORIDA	FL	R21AI094360	High-Throughput Evaluation of Dendritic Cell-Targeting Vaccine Particles for the	\$0
2013	UNIVERSITY OF MIAMI	FL	R56AI106718	Vaccine-Induced memory CD4T cells and HIV reservoirs	\$0
2013	EMORY UNIVERSITY	GA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	\$0
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI097851	Alternative regulation of ISGs in WNV-infected cells	\$0
2013	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R56AI099043	Mechanisms of marginal zone macrophage mediated tolerance towards apoptotic cell	\$0
2013	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	\$0
2013	EMORY UNIVERSITY	GA	R21AI094402	Chimeric hybrid transmission blocking vaccine for malaria	\$0
2013	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R56AI104875	Programming dendritic cells to induce tolerogenic response and suppress brain inf	\$0
2013	EMORY UNIVERSITY	GA	R01AI090840	Design of HIV VLPs with Enhanced Immunogenicity	\$0
2013	INHIBIKASE THERAPEUTICS LLC	GA	R43AI103982	DFG-out inhibitors of Abl-kinases to treat PML	\$0
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$0
2013	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R21AI097600	Modulation of Bone Morphogenic Protein signaling for cancer immunotherapy	-\$10,647

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2013	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$0
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097830	Photo-inactivation of Leishmania for safe and effective delivery of surrogate vac	\$0
2013	RUSH UNIVERSITY MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$0
2013	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$0
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI097934	Localization and characterization of the Clostridium difficile biofilm	\$0
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097540	Role of ROS and Nrf2 in HHV-8 infection and pathogenesis	\$0
2013	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$0
2013	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$0
2013	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	\$0
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$0
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$0
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$0
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R33AI082697	Biomechanical and Computational Molecular Design of Microbicide Delivery Systems	\$0
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$0
2013	THERAPYX INC	KY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$0
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$0
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$0
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$152,159
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$0
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI101427	Malaria Vaccine Adjuvant Immunogenicity and Safety	\$0
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$199,867
2013	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$0
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$0
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	-\$156,211
2013	IMMUNETICS, INC	MA	R43AI102343	Molecular Detection of Invasive Fungal Infections	\$0

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2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	\$0
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$0
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R34AI106569	Tuberculosis Immunization to Prevent Infection (TIPI)	\$0
2013	BRANDEIS UNIVERSITY	MA	R01AI090745	Glycoantigen evolution targeting antibodies of the PGT 128 lineage	\$0
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$0
2013	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$0
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077558	Cytoadherence and sequestration in malaria transmission stages	\$0
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$0
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097696	Laser-facilitated delivery of malarial sporozoites from the skin to liver	\$0
2013	Trustees Of Boston University	MA	R56AI097589	Manipulation of stem cell activity and cell death by intracellular bacteria	\$0
2013	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$0
2013	TUFTS MEDICAL CENTER	MA	R56AI102847	Towards a new clinical trial Advanced infection proof anti HIV gene modified T ce	\$230,165
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101035	Synthetic Variable Domain Glycopeptides for Neutralizing Epitope Characterization	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI097685	A Flexible Approach to Avoid Viral Escape Mutations	\$0
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$0
2013	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$246,162
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI087624	Clinical trial of chloroquine weekly or as IPT to prevent malaria in pregnancy in	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097869	Macrophage polarization and glutathione levels in the TB-helminth co-infection	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI084549	HAART Initiation in Behaviorally HIV-Infected Youth	\$0

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2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI101377	Herpesvirus protein kinases: Substrate recognition and pathway targeting.	\$0
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI094143	Cough - A Rapid Indicator of Response to Therapy in Pulmonary Tuberculosis	\$0
2013	GENVEC INC	MD	R43AI100467	Pre-erythrocytic Stage Antigen Discovery for Malaria Vaccine Development	\$0
2013	Regents of the University of Michigan	MI	F32AI104249	Identification of Campylobacter jejuni factors that influence chicken commensalis	-\$53,714
2013	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$0
2013	Regents of the University of Michigan	MI	R56AI073847	Curli Fiber Assembly and Function	\$0
2013	Regents of the University of Michigan	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$0
2013	MAYO CLINIC	MN	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$0
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI101540	Dual TCR T cells in thymic selection and autoimmunity	\$0
2013	MAYO CLINIC	MN	R56AI102959	Enhancing control of HIV by inhibiting TRAILshort	\$0
2013	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$0
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$0
2013	MAYO CLINIC	MN	R21AI101277	Risk of Herpes Zoster Among Adults with Asthma	\$0
2013	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$0
2013	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$0
2013	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$0
2013	WASHINGTON UNIVERSITY	MO	R21AI097865	EXPLORING THE C. ELEGANS TRANSCRIPTIONAL RESPONSE TO VIRAL INFECTION	\$0
2013	UNIVERSITY OF MONTANA	MT	R21AI099870	Molecular determinants of host-cell interactions required for arenavirus replicat	\$0
2013	Duke University	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$0
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI094269	Identification of bacteria-associated cues that regulate hatching of Aedes aegypt	\$0
2013	Duke University	NC	K22AI093595	Functional genomics of human variation to Salmonella invasion	\$0
2013	AGILE SCIENCES INC	NC	R41AI106066	Evaluation of a new class of molecules for treating MRSA infective endocarditis	\$0

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2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$0
2013	Duke University	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$0
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI101675	Assembly of Live Nipah Virus with Complement Factors	-\$21,253
2013	Duke University	NC	UM1AI069484	HIV/AIDS Clinical Trials Unit	\$0
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R56AI100695	EDICT: Effective Delivery of Informed Consent Trial	\$0
2013	Duke University	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095052	A Phase II/II Investigation of the Effect of Vorinostat (VOR) in HIV Infection	\$0
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	R56AI100929	Generation and Regulation of Anti-Viral CD4 T Cells with Cytolytic Potential	\$0
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI105147	Database designed novel anti-MRSA peptides	\$0
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$0
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI101349	Modulation of Human Immunity by Mycobacterium leprae	\$0
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI092011	Role of the ribosomal stalk in the activity of Shiga toxins	\$0
2013	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	-\$202,184
2013	Yeshiva University	NY	R01AI052733	Biology of Fungal Melanin	\$0
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097673	Characterization of the MHC Class II Peptide Loading Complex	\$0
2013	NEW YORK MEDICAL COLLEGE	NY	R56AI101109	Modulation of host innate immune response by Francisella tularensis	\$0
2013	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$0
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$0
2013	COLUMBIA UNIVERSITY	NY	R01AI088377	Spatial coordination of CD28 and TCR signaling	\$0
2013	Yeshiva University	NY	R56AI104234	Antibody immunity to serotype 3 Streptococcus pneumoniae	\$0
2013	CUNY, RESEARCH FOUNDATION	NY	R21AI101792	Interactions between Bacterial Tyrosine Kinases and Phosphatases	\$0
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$0
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$0
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$0

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2013	SUNY, STONY BROOK	NY	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$0
2013	HEALTH RESEARCH, INC.	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$0
2013	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$0
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$0
2013	New York University	NY	R01AI078783	HIV-1 Replication Without Integration	\$0
2013	HEALTH RESEARCH, INC.	NY	K08AI085031	Rabies virus maintenance in bat populations	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI096977	Induction of HIV Neutralizing Antibodies by Targeting Macaque B Cell Receptors	\$0
2013	Yeshiva University	NY	R56AI106543	Reporter Phages for Diagnosis of Drug-Resistant TB in HIV High-Burden Populations	\$0
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$0
2013	OHIO STATE UNIVERSITY	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRlichiosis	\$0
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$0
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$0
2013	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for a Vulnerable Population	\$0
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$0
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI106058	Antiviral Effectiveness for Hospitalized Influenza in Pediatric Leukemia	-\$66,530
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI104713	Mucosal Chemokines and Inflammation in SIV Transmission and Pathogenesis	\$0
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$0
2013	INTEGRAL MOLECULAR INC	PA	R43AI102626	Engineering Stable, Soluble, and Trimeric HIV gp140 by Paired Cys Scanning	\$0
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI098964	A Genetic Basis for Stress-Neuroendocrine-Immune Interactions	\$0
2013	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$0
2013	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	ROGER WILLIAMS HOSPITAL	RI	R56AI102847	Towards a new clinical trial Advanced infection proof anti HIV gene modified T ce	-\$230,165
2013	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	\$0
2013	EPIVAX, INC	RI	R43AI102454	Inducing Tolerance to Enzyme Replacement Therapy for Pompe Disease	\$0
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$0
2013	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042284	Molecular Basis of CD1D1 and Natural T Cell Function	\$0
2013	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI103828	The role of NK cells in immunodysregulation by hepatitis C virus	\$0
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$0
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$0
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI101740	In vivo dual Bioluminescence Reporter System of Infectious Borrelia burgdorferi	\$0
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI089973	Immunity to Ehrlichial Infections	\$0
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$0
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$0
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI085014	Genome-wide association to Staphylococcus carriage	\$0
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI101767	Assembly of bacterial cytoplasmic protein complexes measured by LRET	\$0
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$0
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$0
2013	RICE UNIVERSITY	TX	F31AI104300	The basis of astrovirus infectivity in response to maturation	-\$35,832
2013	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$0
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI096133	Analysis of newly identified adhesin used by pathogenic Gram-negative bacteria	\$0
2013	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$0

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2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	\$0
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R56AI104430	Optimized Adaptation of Simian-tropic R5 HIV Clade C to Pig-tailed Macaques	\$0
2013	NAVIGEN INC	UT	R43AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$0
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$0
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI100039	Coenzyme F420-dependent enzymes in mycobacteria	\$0
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101774	Regulation of the P.aeruginosa Type III Secretion System by the Multifaceted Tran	\$0
2013	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R21AI097600	Modulation of Bone Morphogenic Protein signaling for cancer immunotherapy	\$10,858
2013	GATACA LLC	VA	R44AI084307	Integrated software application for management of Hepatitis C Virus data	\$0
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI103265	Antiviral Immunity in Mosquitoes	\$0
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI019146	Activation of Alginate Genes in Pseudomonas aeruginosa	\$0
2013	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$0
2013	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R01AI097038	Recombinase Polymerase Amplification for Point-of-Care Diagnosis of Infant HIV-1	\$0
2013	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$0
2013	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$0
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI104238	Binding Mechanisms in P.falciparum Cerebral Malaria	\$0
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$0
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$0
2013	UNIVERSITY OF WASHINGTON	WA	U01AI082186	Accelerated molecular probe pipeline	\$0
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	\$0
2013	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$0
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$0
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$0
2012	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		R01AI082597	Proteome-wide cellular immunity approach to P. falciparum antigen identification	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$0
2012	UNIVERSITY OF SAN FRANCISCO	CA	R15AI097967	Innate immune response to microbial PAMPs in the schistosome-transmitting snail,	\$0

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2012	L2DIAGNOSTICS, LLC	CT	R43AI092976	Diagnostic tools to link Bacteroides fragilis toxin isotypes and human disease	\$0
2012	ILLINOIS STATE UNIVERSITY	IL	R15AI099977	Branched-chain fatty acids and membrane function in Listeria monocytogenes	\$0
2012	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI081232	Role of VeA-Dependent Genes and Proteins in Mycotoxin Production and Development	\$0
2012	TUFTS UNIVERSITY	MA	R01AI056234	Genetic Analysis of Inflammatory Responses in Wild Derived Mice	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$0
2012	GRAND VALLEY STATE UNIVERSITY	MI	R15AI082416	Biochemical and structural analysis of emerging resistance threats in Acinetobacter baumannii	\$0
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI078951	Biomarker Screening of Essential Putative Glycoprotease Inhibitor	\$0
2012	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$0
2012	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	\$0
2012	Duke University	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094658	Rapid Diagnosis of Early TB in HIV+ Patients	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI100901	Progranulin Intervention in Inflammatory Bowel Diseases	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$0
2012	CLEMSON UNIVERSITY	SC	R15AI075326	Nutrient Sensing and Hexokinases in T. brucei	\$0
2012	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$0
2012	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$0
2012	CONCORDIA UNIVERSITY WISCONSIN INC	WI	R15AI101975	Structural Characterization of the M. tuberculosis Thioredoxin System	\$0
2011	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R15AI096317	Systematics of medically important Dermacentor tick vectors	\$0
2011	UNIVERSITY OF HAWAII	HI	R15AI092315	Development of Piperidinols and Engelhardiones as Novel Antituberculosis Agents	\$0
2011	BOSTON COLLEGE	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$0
2011	CALVIN COLLEGE	MI	R15AI096991	Roles of endothelial cells in HIV infection and latency in resting CD4+ T cells	\$0
2011	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI072719	Elucidating the Mechanism of Heme Transport across the Outer Membrane of Gram-neg	\$0
2011	UNIVERSITY OF NORTH DAKOTA	ND	R15AI092622	Zoonotic cycle and transmission dynamics of Neorickettsia	\$0

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2011	COLGATE UNIVERSITY	NY	R15AI094440	Mechanisms and Functional Consequences of Reovirus Innate Immune Activation	\$0
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R15AI094485	Signal transduction mechanism of Ps. aeruginosa biofilm dispersion response	\$0
2011	CUNY, RESEARCH FOUNDATION	NY	R15AI094351	Characterization of flavovirus NS4A induced autophagy	\$0
2011	UTAH STATE UNIVERSITY	UT	R15AI089347	Chemoenzymatic synthesis of pradimicin analogues for novel antifungal and antivir	\$0
2010	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$0
Issue Date FY: 2014 (Subtotal = \$2,794,427,371)					
2014	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$779,310
2014	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$270,000
2014	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$222,264
2014	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI104531	Role in pathogenesis and parasite cell biology of the trans-sialidase from Trypan	\$133,440
2014	INTERNATIONAL CENTRE OF INSECT PHYSIOLOGY AND ECOLOGY		R01AI099736	Epidemiological assessment of risk of Yellow Fever and Dengue outbreaks in Kenya,	\$134,569
2014	SOUTHAMPTON UNIVERSITY		R33AI102239	Targeting matrix metalloproteinases to limit immunopathology in airborne infectio	\$392,886
2014	DEPARTEMENT FORSCHUNG UNIVERSITATSSPITAL-BASEL		R01AI106923	The Role of microRNAs in autoimmune disease	\$266,135
2014	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	\$131,837
2014	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$272,444
2014	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI060561	Immune complexes: Origins and effects in HCV infection	\$270,000
2014	THE UNIVERSITY OF GLASGOW		R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$157,474
2014	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	\$651,532
2014	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$1,190,932
2014	UNIVERSITY OF MELBOURNE		R01AI084156	P.falciparum var gene diversity and malaria control	\$270,000
2014	INSTITUTE OF MOLECULAR & CELLULAR BIOLOGY		R01AI095183	Transcriptional regulation of lipid homeostasis in mycobacteria	\$89,732
2014	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$2,141,480
2014	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$1

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2014	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$1,995,627
2014	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$51,573
2014	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$283,793
2014	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$1,661,149
2014	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$94,638
2014	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	\$370,000
2014	INSTITUTO DE CIENCIAS SOSTENIBLES		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$212,741
2014	NATIONAL AIDS RESEARCH INSTITUTE		UM1AI069417	National AIDS Research Institute (NARI), Pune, INDIA: Clinical Trials Unit	\$1,249,665
2014	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		UM1AI069429	Program for HIV Prevention and Treatment-Clinical Trial Unit, Thailand	\$204,935
2014	FUNDACAO FACULDADE DE MEDICINIA		UM1AI069420	Sao Paulo Clinical Trials Unit	\$50,000
2014	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2014	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$133,190
2014	BOTSWANA BAYLOR CHILDRENS CLINICAL CENTRE OF EXCELLENCE		U54AI110398	Collaborative African Genomics Network (CAfGEN)	\$1,630,165
2014	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	\$288,409
2014	CENTRO DE INVESTIGACIONES EN BIOQUIMICA CLINICIA E INMU		R01AI110340	IL-17RA-signaling cytokines in the regulation of CD8 T cell immunity to T. cruzi	\$133,400
2014	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,369,582
2014	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,571,102
2014	UNIVERSITY OF WESTERN ONTARIO		R01AI049170	Impact of HIV-1 fitness on disease progression	\$347,410
2014	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$135,000
2014	FUNDACION MANUEL PEREZ		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$105,840
2014	KENYA MEDICAL RESEARCH INSTITUTE		R01AI094580	EPIDEMIOLOGY OF CLINICAL MALARIA IN WESTERN KENYA HIGHLANDS	\$54,000
2014	UNIVERSITY OF CAPE TOWN		R01AI096735	An evidence based algorithm for diagnosis of tuberculosis in HIV patients	\$23,635
2014	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPER	\$678,372

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2014	MAHIDOL UNIVERSITY		R01AI099385	Innate immune mechanisms in dengue infection	\$132,291
2014	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$2,952,539
2014	MONASH UNIVERSITY		R01AI111965	New Tricks for 'Old' Drugs: PK/PD of Polymyxin Nonantibiotic Combinations	\$905,775
2014	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI110386	Host-Pathogen Interactions in a Failing Global lineage of MTBC:M.africanum	\$576,528
2014	UNIVERSIDADE EDUARDO MONDIANE		R01AI112295	Bacteremia in HIV-infected children under 5 years old hospitalized in Mozambique	\$147,879
2014	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,730,223
2014	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$1,292,577
2014	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$249,802
2014	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$299,958
2014	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$631,612
2014	STATENS SERUM INSTITUTE		R01AI093697	Genome-wide association study of febrile seizures following measles, mumps, rubel	\$193,478
2014	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$2,354,219
2014	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$129,600
2014	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$132,468
2014	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$135,000
2014	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	\$339,401
2014	UNIVERSITY OF QUEENSLAND		R33AI098731	Discovery of Polymyxin-based Antibacterial Agents Active Against Multi-Drug Resis	\$323,937
2014	THE UNIV OF SCIENCES, TECHNIQUES AND TECH OF BAMAKO		R01AI099628	Host vulnerability and parasite genetics in the development of cerebral malaria	\$134,371
2014	Centre for the AIDS Programme of Research in South Afri		R01AI111936	Inflammation and HIV risk: understanding partial Tenofovir efficacy in CAPRISA004	\$460,080
2014	INSTITUTO DE MEDICINA MOLECULAR		F32AI104252	Engineered liver platforms to study regulation of host microRNA in Plasmodium liv	\$7,850
2014	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$102,360
2014	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$193,428
2014	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants' mechanisms	\$208,310
2014	ASOCIACION CIVIL SELVA AMAZONICA		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$314,560

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$134,331
2014	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$539,645
2014	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$519,608
2014	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI110346	Immune competence as a factor of treatment efficacy in human Trypanosoma cruzi in	\$132,922
2014	UNIVERSITY OF BRITISH COLUMBIA		R33AI098701	Novel adjunctive therapy for drug resistant Gram-negative pathogens	\$259,845
2014	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$1,425,181
2014	WORLD HEALTH ORGANIZATION		U01AI108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$771,079
2014	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$447,515
2014	SOUTHAMPTON UNIVERSITY		R21AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$148,500
2014	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$451,581
2014	UNIVERSITY OF MANITOBA		R01AI111805	A Novel HIV-1 Vaccine Targeting the 12 protease Cleavage Sites	\$641,949
2014	UNIVERSIDAD DEL NORTE		R01AI110385	Mechanism of Respiratory Syncytial Virus Entry in Normal Human Bronchial Epitheli	\$110,496
2014	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$134,877
2014	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$630,251
2014	UNIVERSITAT BERN		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,547,506
2014	DG, ICMR FCRA (NIRT)		R01AI084390	HIV associated Lipodystrophy Syndrome in Children: Role of nutrition, ART & Genes	\$122,593
2014	Barcelona Centre for International Health Research		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$800,522
2014	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$135,000
2014	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Integrating geographical and genetic mapping of salmonella disease in an endemic	\$140,722
2014	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$2,693,563
2014	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$130,137
2014	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$307,383

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2014	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$131,165
2014	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	\$158,144
2014	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$307,031
2014	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	\$228,425
2014	FOUNDATION FOR RESEARCH DEVELOPMENT FUNDEP		P50AI098507	Modeling Drug Induced Resistance in S. mansoni Endemic Areas	\$358,212
2014	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	\$829,212
2014	UNIVERSITY OF CAPE TOWN		R01AI110329	Plasmodium heme detoxification probes	\$132,538
2014	UNIVERSITY OF SYDNEY-INSTITUTE FOR INTERNATIONAL HEALTH		R21AI110183	Genetic analysis of unspliced HIV RNA produced during HDAC inhibitor therapy	\$156,600
2014	Centre for the AIDS Programme of Research in South Afri		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$3,697,417
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$367,782
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$366,250
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$362,588
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFN α and IL-17	\$366,250
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI104458	Neutrophil-mediated immune suppression as a mechanism of HIV-1 pathogenesis.	\$183,750
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$220,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106808	Complement Evasion by Group B Streptococcus	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI108691	Emerging Antiviral Resistance in Congenital Cytomegalovirus Infection	\$150,224
2014	BIODTECH INC	AL	R43AI114445	Endotoxin Neutralization as a Biomonitor for HIV Disease Progression	\$150,000
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$265,079
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095439	Transcriptional regulation of T cell quiescence and activation	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI107232	Identification and Analysis of the Physiological Ligand for TLT2	\$183,750
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI103438	Genetic Epidemiology of HPV Infection Outcome in Men	\$76,561
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI106395	Vaginal Dendritic Cells Selectively Transmit HIV-1 Founder Virus	\$183,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109680	Antiviral Drug Discovery and Development Center - Overall	\$6,270,702
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI116188	Kinomic analysis of host cell factors controlling latent HIV-1 infection	\$220,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$327,443
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$155,362
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI090902	HLA Region and KIR Genomics in Common Variable Immune Deficiency	\$534,850
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089337	Chimeric adenoviruses for an improved HIV vaccine	\$366,250
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$310,898
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	\$133,596
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI113212	The UAB Sexually Transmitted Infections Cooperative Research Centers (STI CRC)	\$1,814,950
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI109962	Virus-induced Cell Fate Decisions in Anti-Viral Immunity	\$2,100,001
2014	ALABAMA STATE UNIVERSITY	AL	R21AI111159	Mechanisms and protective efficacy of nanovaccines against Chlamydia trachomatis	\$158,953
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$322,146
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104499	HTS for Synergistic Activators of Latent HIV-1 Infection	\$526,579
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	\$456,861
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$1,493,020
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$4,936,342
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,863,909
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$309,875
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$366,250
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI108509	Randomized Controlled Trial of Treatment of Male Partners of Women with BV	\$615,470
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI106957	Pathogenesis of Bacterial Vaginosis in Women Who Have Sex with Women	\$168,238
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI105038	Structural and Functional Studies on the Platelet Adherence Protein A of Streptoc	\$220,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI112566	A Rational Approach for HIV Vaccine T Cell Epitope Selection	\$487,685
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI113026	Tet1 activity and function in helper T cells	\$183,750

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2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,039,225
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI103769	Glucose regulation of bacterial virulence in diabetes and hyperglycemia	\$183,750
2014	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$1,000,000
2014	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI103272	Gene expression in stage-specific populations of Rickettsia prowazekii	\$185,625
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI110553	Roles of FCRL Molecules in Innate Immunity	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI087101	Structural basis for HIV-1 Gag interactions with cellular constituents	\$362,588
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$550,305
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$366,250
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104952	HTS for bactericidal inhibitors of M. tuberculosis copper resistance mechanisms	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI106288	Regulation of Vibrio Biofilm Formation by H-NS Repression and Anti-repression.	\$32,573
2014	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI106925	Fungal Ras-mediated invasive growth mechanisms	\$302,000
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI107748	Role of TGFBR3 in T-cell development and immune response	\$220,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI102187	Host Factors Required for Dengue and Yellow Fever Virus Amplification	\$392,751
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	\$34,538
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	\$997,197
2014	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI020384	Genetic Analysis of Rickettsia prowazekii	\$480,567
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$367,500
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI104172	Hydrogen Peroxide and Capsule Production in Streptococcus pneumoniae	\$32,573
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI110508	Control of anti-viral B cell responses by IFNg, T-bet and Eomes	\$321,749
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106307	Mechanism of Paramyxovirus Replication	\$559,917
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI109001	Acquisition of HCMV from breast milk-correlates of protection	\$662,854
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI049360	Regulation of T Cell Activity During Chronic Infections	\$362,324
2014	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI021548	PspA mechanisms of humoral immunity, functional assays, and optimal vaccine const	\$542,709
2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI107148	Coxiella burnetii Regulation of Macrophage cAMP/PKA Signaling	\$177,405

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2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI112028	Proteomic analysis of S aureus biofilm in vivo	\$186,250
2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$401,859
2014	BIODETECTION INSTRUMENTS INC	AR	R43AI110017	A Self-Contained Assay Device for Rapid Detection of Viable Cryptosporidium in Wa	\$142,383
2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$407,871
2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI099184	Characterization of Antiviral Functions of Sterile Alpha Motif-Containing Domain	\$107,360
2014	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI113766	Virulence gene regulation in Staphylococcus aureus	\$372,500
2014	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	\$378,750
2014	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI089846	Role of Macrophage Regulatory Cells (Mac-regs) in Immune Regulation	\$410,000
2014	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$389,890
2014	YASO THERAPEUTICS INC	AZ	R44AI084225	Continuing Development of PPCM Vaginal Contraceptive Microbicide	\$1,000,000
2014	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$382,999
2014	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$188,030
2014	VALLEY FEVER SOLUTIONS INC	AZ	U01AI112406	Nikkomycin Z treatment of primary pneumonia due to Coccidioides	\$211,459
2014	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$301,419
2014	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI090782	Molecular Antibiotic Resistance Arrays for clinical microbiology laboratories	\$868,077
2014	ARIZONA STATE UNIVERSITY	AZ	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	\$1,025,685
2014	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	\$378,750
2014	ARIZONA STATE UNIVERSITY	AZ	R21AI105479	Rabbit model to assess reactogenicity and immunogenicity of Salmonella vaccines	\$231,438
2014	BLOOD SYSTEMS INC	AZ	R21AI102791	High throughput measurement of envelope gene diversity for an HIV incidence assay	\$177,242
2014	BLOOD SYSTEMS INC	AZ	R21AI108503	Characterization of the HIV-1 Latent Reservoir in CCR5-Delta 32 Heterozygotes	\$197,499
2014	UNIVERSITY OF ARIZONA	AZ	R01AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$200,738
2014	UNIVERSITY OF ARIZONA	AZ	R21AI113526	TLR3, TICAM1 and human rhinovirus infection	\$227,250
2014	ARIZONA STATE UNIVERSITY	AZ	R56AI109416	Landscape Molecular Epidemiology for Malaria Elimination	\$276,289

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2014	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$377,438
2014	BLOOD SYSTEMS INC	AZ	R21AI107420	Serological prevalence of viral hemorrhagic fevers in Equatorial Africa	\$246,500
2014	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$454,156
2014	ARIZONA STATE UNIVERSITY	AZ	R01AI060557	Salmonella Vaccines Against Bacterial Enteropathogens	\$437,073
2014	UNIVERSITY OF ARIZONA	AZ	R03AI111041	Role of nuclear pore protein in host transcription response to viral infection	\$75,750
2014	ARIZONA STATE UNIVERSITY	AZ	R33AI101329	Bifunctional antibodies with targeted CNS delivery against West Nile Virus	\$460,405
2014	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$378,750
2014	BLOOD SYSTEMS INC	AZ	R21AI107165	Broad spectrum antivirals targeting envelope proteolysis and viral uncoating	\$221,500
2014	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$570,653
2014	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$368,125
2014	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	\$390,316
2014	UNIVERSITY OF ARIZONA	AZ	R01AI091843	On the Edge: Dengue and Climate	\$564,489
2014	UNIVERSITY OF ARIZONA	AZ	K01AI101224	Simulation Modeling of Public Health Interventions on Dengue Vector Abundance: Cu	\$116,431
2014	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	K22AI104801	Functional Analysis of Regions of Introgression Between Species of Coccidioides	\$163,887
2014	UNIVERSITY OF ARIZONA	AZ	R01AI108751	Mechanisms of L2-Mediated Membrane Translocation of the Papillomaviral Genome	\$371,202
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of T cell immunity to viral infection	\$310,000
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$664,031
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$565,290
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$487,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$377,882
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$374,963
2014	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$529,135
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$367,594
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$380,000

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2014	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$447,794
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,423,916
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$410,850
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$370,890
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$488,104
2014	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$291,093
2014	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	Role of nuclear factor TOX in lymphocyte development	\$408,375
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$342,098
2014	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,058,489
2014	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$477,500
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$348,750
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$308,844
2014	POMONA COLLEGE	CA	R15AI090606	Small RNAs and Vibrio cholerae adaptation to different carbon sources	\$395,317
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087470	C5a as an Anti-HIV Microbicidal Candidate	\$470,003
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$2,239,502
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI088679	Tuberculosis epidemiology and novel transmission routes in rural Tanzania	\$597,847
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI080931	Chemical Studies in Bacterial Cell Biology	\$418,906
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI093163	Molecular Epidemiology of HIV-1 in the California-Mexico Border Region	\$128,928
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	\$181,332
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI091967	Virulence Mechanisms of Viral Bcl-2 Homologs	\$487,500
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reprtoire Characterization in Celiac Disease	\$309,578
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI080938	OX40/OX40L interactions in allergen-induced airway inflammation and remodeling	\$132,300
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$440,625
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	"Hair Extensions": Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$538,824

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2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI091476	Therapeutic use of an enhanced form of CD4-Ig	\$955,860
2014	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$133,191
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$107,127
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$473,542
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$386,250
2014	STANFORD UNIVERSITY	CA	R01AI089722	Innate Immune Recognition of Intracellular Salmonella	\$401,485
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$13,350,168
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$758,650
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methyltransferases	\$333,494
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI100685	Targeting HIV Capsid Assembly	\$495,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$449,515
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of Cryptococcus neoformans	\$386,250
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$1,071,188
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$470,095
2014	STANFORD UNIVERSITY	CA	K08AI097322	Antivirals for Hepatitis C Targeting Phosphoinositide Metabolism	\$133,191
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105722	The IRF - type I interferon system in T cell-mediated immune tolerance	\$220,717
2014	CEDARS-SINAI MEDICAL CENTER	CA	R21AI103839	Bacterial Manipulation of Host Hyaluronan Degradation for Immune Evasion	\$250,500
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$434,182
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis P. aeruginosa biofilms	\$388,641
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$636,244
2014	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$999,189
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology and Pathogenesis Program Training Grant	\$274,444
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI106528	Bio-Nanoparticles for HIV Antigen Delivery	\$192,500
2014	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	\$770,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$717,836
2014	INSTITUTE FOR RARE & NEGLECTED DISEASES DRUG DISCOVERY	CA	R01AI103476	Development of HTS assay and screening paradigm to discover new kinase inhibitors	\$306,700

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2014	STANFORD UNIVERSITY	CA	F32AI108089	Innate Immune Recognition and Type I IFN Response to Cytosolic Pathogens	\$53,282
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107101	The role of Apobec3 enzymes in regulation of marginal zone B cells	\$197,500
2014	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI100744	Ex Vivo Model for Assessing the Vaginal Disposition of PrEP Antiretrovirals	\$456,536
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095587	Host-Pathogen interactions between Salmonella and Toll-like receptors	\$383,618
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$686,892
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI107343	Transcriptional heterogeneity within pro-B cells	\$236,875
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI107506	Role of EPCR in gamma delta T cell wound healing functions	\$236,875
2014	TUNITAS THERAPEUTICS INC	CA	R44AI092914	A Human Fc Bifunctional Fusion Protein to Treat Severe Allergic Asthma	\$1,000,000
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI103021	Control of Airway Tolerance	\$442,500
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$442,500
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI109644	Differential mechanisms for RORgammat-regulated thymocyte development and Th17 di	\$420,000
2014	VIROGENICS INC	CA	R41AI104034	Modulation of the Innate Immune System by Fisetin for the Treatment of AD	\$299,968
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI108891	microRNA Regulation of T Cell Senescence	\$429,942
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI104313	Novel Mechanisms for Coreceptor Switching	\$236,875
2014	CHILDRENS HOSPITAL OF LOS ANGELES	CA	UM1AI106716	International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) Laboratory Center	\$2,692,962
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI105007	Cyclophilins and the IFN Response	\$395,001
2014	MAPP BIOPHARMACEUTICAL INC	CA	R01AI111391	An Immunoprotectant for Argentine Hemorrhagic Fever	\$1,204,507
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI112362	Hair measures to assess adherence and explain outcomes in an HIV clinical trial	\$189,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI113143	Interaction between innate and Th2 lymphocytes in helminth immunity	\$183,276
2014	CHROMOLOGIC LLC	CA	R43AI108019	MicroRNA-Based Radiation Biodosimeter (MiRAD)	\$299,968
2014	UNIVERSITY OF CALIFORNIA	CA	P01AI098670	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$1,393,023
2014	MAPP BIOPHARMACEUTICAL INC	CA	R44AI082744	An Immunoprotectant for Marburg Virus	\$999,998
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101566	Mining marine microbial natural products for anthelmintics leads	\$232,500
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI112248	Defensive strategies against the toxic effects of self-produced phenazine metabol	\$49,850

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	IO THERAPEUTICS, INC.	CA	R43AI112512	Development of the RXR agonist IRX4204 to treat Multiple Sclerosis and other Immu	\$225,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI113443	Viral Pathogenesis and Atherosclerosis	\$232,500
2014	STANFORD UNIVERSITY	CA	K08AI110528	Once Bitten: Detecting the World's Most Common Vector-Borne Pathogens	\$179,874
2014	THE BIOMEDICAL RESEARCH INSTITUTE OF SOUTHERN CALIFORNI	CA	R01AI111451	A Novel Live Non-replicating Universal Vaccine for Influenza	\$1,009,220
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109005	Controlling Drug Resistant Gonorrhea with Real-Time PCR Susceptibility Testing	\$167,197
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$175,312
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI109272	Modulation of Teff/Treg cells by novel PKC-theta allosteric inhibitory strategies	\$265,500
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI109452	The Role of Thymic Homing Dendritic Cells in Oral Tolerance	\$350,000
2014	J DAVID GLADSTONE INSTITUTES	CA	R01AI097552	Role of Lipid Droplets in Hepatitis C Virus Infection	\$477,500
2014	J DAVID GLADSTONE INSTITUTES	CA	R21AI109611	Experiment & Theory to Test an Evolutionary Fitness Role for Lentiviral Latency	\$298,122
2014	CALASIA PHARMACEUTICALS INC	CA	R43AI114084	Development of Flavivirus Antivirals Targeting Dengue Virus and WNV Protease	\$300,000
2014	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI116218	Evaluating HIV expression and latency in blood and tissues at the single cell level	\$246,906
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI105882	Biologic Role of Cytomegalovirus in Endothelial Cell Inflammation and Atheroscler	\$545,281
2014	MOLECULAR EXPRESS, INC	CA	R43AI112132	Engineering of a Novel CDN Nanoparticle Platform	\$245,943
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI110498	Autoimmunity Center of Excellence Clinical Research Program	\$5,440,899
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R03AI110929	Structural Characterization of 4-1BB-Galectin-9 Complexes	\$88,500
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R33AI100229	Hybrid integrated molecular analysis (HIMAS) for point-of-care diagnostics	\$502,270
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$402,380
2014	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$425,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of Marine Polyketide Antibiotics	\$296,154
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$211,335
2014	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$609,900
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$753,403
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$482,625
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$629,542
2014	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$398,119

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2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$667,403
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$386,250
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$572,327
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$378,400
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$393,958
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$469,009
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$344,149
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI067890	HVEM-BTLA system in Inflammation	\$480,000
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$377,205
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$295,083
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI087528	A natural host model for microsporidia pathogenesis in the intestine	\$382,388
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$607,604
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,249,464
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$566,501
2014	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$403,698
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$470,003
2014	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$635,370
2014	GENEFLUIDICS INC	CA	R44AI088756	An Integrated Diagnostic System for Rapid Antimicrobial Susceptibility Testing	\$987,161
2014	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$435,131
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	\$347,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$1,167,864
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$973,816
2014	STANFORD UNIVERSITY	CA	K23AI104401	Improving Kidney Transplant Outcomes Using Novel B-cell Immune Profiling	\$132,120
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$346,969
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	\$629,713
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$710,362
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$405,000

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2014	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	\$133,191
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI095062	Do peptide mimetics of gp41 improve antibody-epitope interactions?	\$56,978
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$375,281
2014	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$480,000
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI102715	The impact of antibody and pH on female-to-male SIV infection	\$682,866
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$383,750
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$2,642,740
2014	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$417,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI100498	SUMO and ubiquitin modifications in Nipah virus matrix trafficking and function	\$56,978
2014	CLAREMONT BIOSOLUTIONS LLC	CA	R44AI078619	A fully integrated assay and platform for detecting Clostridium difficile.	\$1,000,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI104320	Developing a structure-specific HIV vaccine using chimeric virus-like particles	\$284,250
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$465,000
2014	RAND CORPORATION	CA	R21AI103741	Implications of the 2004-2005 Influenza Vaccine Shortage	\$245,217
2014	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	\$547,278
2014	STANFORD UNIVERSITY	CA	R21AI104230	Functional Roles of NKp46 in Transplantation	\$196,871
2014	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$189,575
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q, allergic inflammation, and remodeling	\$387,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI109947	2014 Midwinter Conference of Immunologists at Asilomar	\$6,000
2014	STANFORD UNIVERSITY	CA	R01AI108906	Telomere Damage Responses and Immune Aging	\$434,419
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$593,584
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$346,500
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$750,339
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI110692	Phosphatidylserine Receptors in Flavivirus Infection	\$472,500

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2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111634	Host-Targeted Homoserine Lactone Inhibitor as Adjunctive Antipseudomonal Therapy	\$236,500
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105057	Innate enteric immunity during induced Paneth cell deficiency	\$246,813
2014	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109545	Metronidazole resistance in Bacteroides fragilis: an integrated approach	\$184,500
2014	SCRIPPS RESEARCH INSTITUTE	CA	R56AI106306	B Cell Tolerance in Lupus	\$236,875
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103656	In vivo mouse models for inducible hematopoietic- and hematopoietic stem cell-spe	\$181,086
2014	ADAMAS PHARMACEUTICALS INC	CA	R33AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	\$509,329
2014	ARISAN THERAPEUTICS INC	CA	R43AI112097	Optimization of Arenavirus Antivirals	\$300,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103299	Bartonella: dissecting niche-specific adaptation in a human pathogen	\$476,642
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI111925	Reproductive Tract Effects of the Intrauterine Device: Implications for HIV Risk	\$675,471
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113248	Fine-Scale Recombination Rate Variation in Anopheles gambiae	\$348,905
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104789	Loss of Intrinsic Control in Autoimmune T Helper Cells with Signaling Variants	\$384,912
2014	SCRIPPS RESEARCH INSTITUTE	CA	K99AI108728	The Anatomy of Viral Persistence: Lymphocyte Migration and Lymphoid Structure	\$94,500
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI104751	Monoclonal antibody passive vaccination to treat XDR Acinetobacter infections	\$428,216
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: motile to biofilm transition and transmission	\$627,522
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI104513	Transmission pathways of the food-borne carcinogen Opisthorchis viverrini	\$203,270
2014	MAPP BIOPHARMACEUTICAL INC	CA	R43AI114069	A human monoclonal for RSV prophylaxis	\$300,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI103218	How do enteroviruses almost completely evade the attentions of CD8+ T cells?	\$414,668
2014	STANFORD UNIVERSITY	CA	R01AI103867	Structural correlates of T cell receptor signaling	\$470,654
2014	SONG DIAGNOSTIC RESEARCH LLC	CA	R43AI109790	A Sensitive, Quantitative, Low-cost, Fluorescence Diagnostic System for Dengue	\$134,677
2014	PROSCI INC	CA	R43AI112484	Genetic Scaffolds Targeting the HIV Glycan Shield for an HIV Vaccine.	\$300,000
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI109842	bZIP proteins, NFAT, and lymphocyte gene induction	\$678,945
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI029329	Enhancing the Intracellular Functioning of anti-HV RNAS	\$654,174
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114478	Determining whether TasP could eliminate HIV in resource-rich countries	\$269,500

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2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI108826	Immunologic Aspects of In Utero or Neonatal AAV-Based Gene Therapy	\$512,726
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI110863	Temporal profiling of the functional phosphoproteome in M. tuberculosis infected	\$234,750
2014	SEVIDENT INC	CA	R43AI109869	Development of a novel test for the early detection of Dengue Virus infection	\$300,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI109081	Development of a structure-based HCV vaccine using a virus-like particle platform	\$236,875
2014	UNIVERSITY OF CALIFORNIA	CA	R56AI112949	Mechanism of E. coli colonization resistance	\$381,574
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$2,569,495
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$5,626,528
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,680,602
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$560,350
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Spatiotemporal Control of T cell Synapse Stabilization and Signaling	\$385,016
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$376,166
2014	PANORAMA RESEARCH, INC	CA	R43AI109982	Antibody-Membrane Switch (AMS) technology for optimized antibody engineering	\$224,310
2014	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 and circular RNAs in flavivirus RNA amplification	\$392,576
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,767,328
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$193,058
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$385,000
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$370,138
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$423,002
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$386,250
2014	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$480,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$384,081
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$395,208
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$454,500
2014	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$353,250

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2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	NF-kappaB and Mitochondrial Signals as Positive and Negative Regulators of Inflammation	\$492,288
2014	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$483,149
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI076278	Innate immune response to bacterial flagellins	\$381,719
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$742,002
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$401,282
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$522,395
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$40,878
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI076899	Rapid detection of diagnostic chemokines	\$357,285
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	P01AI090935	Global innate immune responses to HIV-1 infection	\$4,132,294
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$373,937
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhea among young people: Implication for prevention	\$125,818
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$495,000
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$1,163,970
2014	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$704,283
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$537,895
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI091656	Structural and functional studies of M. tuberculosis type VII secretion	\$129,060
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,703,241
2014	IMPORT THERAPEUTICS INC	CA	R44AI066791	Protective biomarkers for the development of vaccines against malaria	\$778,631
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	\$473,750
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069401	UCLA Los Angeles Brazil AIDS Consortium	\$844,094
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$623,360

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2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$442,500
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI101875	Cell-based functional genetics of autoimmunity through targeted gene integration	\$221,250
2014	STANFORD UNIVERSITY	CA	R03AI108376	Decay rate of archived HIV-1 drug resistance mutations	\$78,500
2014	CYTODESIGN INC	CA	R43AI104256	HUMAN PROTEOLYTIC FOR IgA NEPHROPATHY	\$99,916
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$393,542
2014	J DAVID GLADSTONE INSTITUTES	CA	F32AI104380	The Role of Transcriptional Noise in the Establishment of HIV-1 Latency	\$53,282
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$2,737,442
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI106230	PKCtheta-CD28 interaction: A novel drug target for autoimmunity and inflammation	\$53,282
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	\$706,654
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI108939	Genetic basis and pathogenicity of invasive growth in yeast	\$239,717
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI106472	Impact of HIV infection on anti-tumor CD8 responses in vivo	\$231,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI105344	Posttranscriptional regulation of TNFa by Carm1 in Macrophages	\$284,250
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI097354	Noninvasive imaging of eosinophils	\$215,421
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI107318	Structure and function of peptide presentation by CD1d	\$221,250
2014	UNIVERSITY OF CALIFORNIA	CA	R03AI107446	METHODS FOR MEASURING NATURAL DENGUE TRANSMISSION FROM HUMANS TO MOSQUITOES	\$63,000
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	F31AI108266	The role of insect sweet taste receptors in detecting sweet and bitter compounds	\$38,754
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI109270	Roles for host cytoskeletal, cell adhesion and membrane trafficking proteins in b	\$195,625
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$432,609
2014	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R37AI081668	HIV-1 Vpu and BST-2/CD317	\$446,957
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$133,914
2014	SCRIPPS RESEARCH INSTITUTE	CA	U19AI109762	Consortium for Immunotherapeutics Against Viral Hemorrhagic Fevers	\$5,997,620
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI103952	Bacterial Immunosuppression: Host Target Identification Through Chemical Probes	\$284,250
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI095369	Crystal structures and mechanism of disease of the astrovirus capsid protein	\$106,652

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$408,750
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI108992	Signals and switches for Candida albicans commensalism	\$389,109
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI113002	Mentoring Translational Researchers for Careers in Pediatric Global Health	\$183,061
2014	PRIMITY INC	CA	R44AI091284	Cell-Based Screening for Multi-Functional Chemokine Receptor Modulators	\$573,886
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI110149	HIV-specific nucleases to reservoir cells	\$205,208
2014	STANFORD UNIVERSITY	CA	R01AI107655	Daily Immune Monitoring in Chronic Fatigue Syndrome	\$493,846
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108651	Role of microRNAs in regulatory T cell-mediated immunological tolerance and T cel	\$422,971
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105776	Newborn Screening for T-Cell Disorders: Spectrum and Outcomes	\$518,996
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R21AI105797	The Role of microRNAs in Modulating Innate Immunity Signaling and Gut Homeostasis	\$292,500
2014	TRELLIS BIOSCIENCE LLC	CA	R44AI106077	Strain-Independent Therapeutic Antibodies for Influenza	\$298,735
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI110782	Role of host cell protein TDP2 as VPg unlinkase during picornavirus replication	\$357,449
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R56AI104751	Monoclonal antibody passive vaccination to treat XDR Acinetobacter infections	\$5,516
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI113041	STING-dependent activation of Natural Killer cells by viral and tumor DNA	\$382,416
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI111661	Mitigating Resistance & Virulence in MRSA	\$190,268
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI109976	Genetic screens for key transcriptional regulators of antiviral T cell immunity	\$2,089,932
2014	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI109889	Rapid identification and antibiotic susceptibility testing of sepsis pathogens	\$187,474
2014	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI106987	Mechanisms for ligand binding by serine-rich adhesins of Gram-positive pathogens	\$754,815
2014	AMPLYX PHARMACEUTICALS INC	CA	R43AI112467	Discovering a Targeted Inositol Phosphorylceramide Synthase Inhibitor to Improve	\$225,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI109208	Development of Real-Time Cellular Screening Systems for BoNT Intoxication	\$449,653
2014	STANFORD UNIVERSITY	CA	F32AI106296	Molecular mechanisms of chronic Salmonella carriage	\$0
2014	ACHAOGEN, INC.	CA	R21AI113572	Structure and property driven optimization of fatty acid synthesis inhibitors for	\$407,104
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	F32AI108097	Regulation of late genes and the transcriptional repressor protein EUO in Chlamyd	\$50,430
2014	STANFORD UNIVERSITY	CA	K08AI113216	Mechanisms regulating thymus growth and involution	\$160,615

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2014	AMPLYX PHARMACEUTICALS INC	CA	R44AI096844	A Combination Therapy Approach to Treating Drug Resistant Fungal Infections	\$748,540
2014	STANFORD UNIVERSITY	CA	R56AI038972	Structural Studies of IgE Receptors	\$399,580
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R24AI108564	Research Resources: Epigenomic and Transcriptomic Profiles of Human Immune Cells	\$899,177
2014	J DAVID GLADSTONE INSTITUTES	CA	R21AI108953	Longitudinal and functional dynamics of autoimmune gut microbiomes	\$296,451
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI109799	Induction of the Unfolded Protein Response by Brucella abortus VceC	\$382,263
2014	ARIDIS PHARMACEUTICALS LLC	CA	R43AI108083	Stable Vaccines Delivered on Oral Thin Films	\$283,500
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$473,750
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Development Structure and Function of Broadly Neutralizing anti-HIV Antibodies	\$2,636,665
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$668,177
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$442,500
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$504,512
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$655,678
2014	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI014032	Pathogenesis and Treatment of Experimental Peritonitis	\$356,400
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,308
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$353,959
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$348,750
2014	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training	\$259,309
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$355,688
2014	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$787,117
2014	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$332,652
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$371,841
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$446,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$306,758
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$456,557
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$473,750

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2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$541,958
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Functional and Structural Dissection of Inflammasome Activation	\$381,006
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCL-2 mediated anti-apoptosis and-autophagy	\$468,944
2014	STANFORD UNIVERSITY	CA	R01AI087917	HCV NS4B: Translating molecular virology into novel antiviral therapies	\$396,363
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI078183	An.gambiae immune signaling gene SNPs and natural P. falciparum infection	\$569,693
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$376,200
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI081727	Regulation of ESX-1 secretion and its role in M. tuberculosis virulence	\$453,377
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$374,529
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$1,106,134
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089831	Interplay of Innate and Adaptive Immunity in Lupus Pathogenesis	\$382,388
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$2,442,349
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	\$488,868
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI095034	Molecular Epidemiology and Geospatial Analysis of TB Transmission in Uganda	\$127,440
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$411,042
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI103772	Inflammation, Insulin Resistance, and Foxo factors	\$182,842
2014	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	\$240,250
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI094750	Trypanosome surface protein targeting and function at the host-parasite interface	\$56,978
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI102567	Identifaction of the genetic basis of primaquine resistance in malaria parasites	\$53,282
2014	RETROVIROX INC	CA	R43AI104084	Novel Screen to Identify Arenavirus Inhibitors	\$300,000
2014	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	F32AI098418	Developing Hydra as a Model Organism for Viral Symbioses	\$59,678
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096852	Metabolic Regulation of T cell Immunity	\$387,500
2014	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	\$179,874
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097242	Development of High Throughput Assays for the Hepatitis C Virus NS2 Protease	\$346,500
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI103817	Distinguishing cytosolic sensing of DNA and cyclic dinucleotides in vivo	\$234,750

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2014	UNIVERSITY OF CALIFORNIA	CA	F31AI108189	Surveillance and Modeling of West Nile Virus Risk in California	\$34,546
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$323,682
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$672,831
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105909	KSHV vaccine development	\$242,548
2014	CEDARS-SINAI MEDICAL CENTER	CA	R21AI105845	Mitochondrial DNA Damage and Inflammasome Activation in Vascular Inflammation	\$208,750
2014	STANFORD UNIVERSITY	CA	F32AI108211	Identification of serine hydrolases involved in Plasmodium host cell invasion	\$7,711
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$473,750
2014	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$392,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI110297	Hematopoietic stem/progenitor cell reservoirs	\$385,000
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103624	An anti-inflammatory protein of H. pylori: mechanism and diagnostic potential	\$219,292
2014	MULTIMERIC BIOTHERAPEUTICS INC	CA	R43AI098246	Development of a multimeric CD40 ligand vaccine adjuvant	\$293,401
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107390	Exploring statins as a small molecule therapy for treatment of schistosomiasis	\$236,875
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110306	Targeting Type I Interferon Immune Activation to Control HIV Infection in vivo	\$231,000
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R03AI103579	Role of T Cell Fine-Tuning Molecules in Systemic Autoimmunity	\$77,000
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI108917	Impaired T cell immunity in the Elderly via enhanced N-glycosylation.	\$460,538
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110343	Functional Assessment of CTL Anergy in HIV Infection	\$231,000
2014	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R33AI098658	Combination Therapy using an Innovative Bioadhesive Polymeric Transmucosal Delive	\$513,827
2014	SAN FRANCISCO STATE UNIV	CA	R15AI106466	Geospatial Research on HIV Treatment in San Francisco	\$491,588
2014	VLP BIOTECH INC	CA	R41AI106153	A molecularly targeted pre- and post-exposure vaccine for anthrax	\$260,205
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI108713	Functional Plasticity in the Helicobacter pylori Type IV Secretion System	\$576,310
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI102989	Thio-dependent Antioxidants: A Novel Drug Target for Toxoplasma Gondii	\$188,719
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI113033	Novel regulatory regions within the immunoglobulin kappa locus	\$284,250

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2014	MONOGRAM BIOSCIENCES INC	CA	R21AI114437	Quantitative Viral Outgrowth Assays with Improved Throughput and Performance	\$150,000
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI113729	The role of mosquito microRNAs in blood digestion.	\$417,091
2014	PLANET BIOTECHNOLOGY INC	CA	R43AI114023	A MERS-CoV Receptor Decoy	\$225,000
2014	UNIVERSITY OF CALIFORNIA, MERCED	CA	R00AI100896	Genetic Analysis of the Transcriptional Network Governing <i>C. albicans</i> Biofilms	\$248,981
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI112691	Regulatory circuits that link cell fate and virulence in <i>Histoplasma capsulatum</i>	\$126,630
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI105184	Molecular Determinants of TLR Trafficking	\$697,513
2014	PLANET BIOTECHNOLOGY INC	CA	R43AI114222	A Cell-Penetrating Anthrax Antitoxin	\$219,367
2014	SORRENTO THERAPEUTICS INC	CA	R41AI114252	Anti-Pseudomonas Immunotherapy and Targeted Drug Delivery	\$298,668
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI111139	Targeted inhibition of HIV-1 latency	\$609,249
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI114401	Eliciting antibodies to probe native trimeric gp41 for HIV vaccine design	\$565,076
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112722	Beta-Catenin Signaling in Liver Ischemia and Reperfusion Injury	\$192,500
2014	ARISAN THERAPEUTICS INC	CA	R43AI104106	Identification of novel broad-spectrum Dengue antivirals	\$449,400
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI116230	Effective lethal agents for CCR5+ expressing cells	\$251,938
2014	STANFORD UNIVERSITY	CA	R56AI077599	Aspergillus Genome Database	\$764,106
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$678,760
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$386,092
2014	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$438,199
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$377,271
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$454,500
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$327,970
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$454,500
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$366,847
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of <i>A. fumigatus</i> virulence	\$309,374
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$435,000
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$112,417
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$371,745

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2014	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$550,060
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$3,230,645
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$372,949
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$287,360
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087746	Cyclophilins, Cyclophilin Inhibitors and Hepatitis C	\$470,003
2014	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048034	Regulation of NF-Kappa B	\$714,981
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089498	Analysis of immunotherapeutics to native Marburg virus epitopes	\$671,896
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$228,458
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$283,268
2014	J DAVID GLADSTONE INSTITUTES	CA	R01AI081651	Role of Tat and SIRT1 in the T-cell Hyperactivation Syndrome Induced by HIV-1	\$472,725
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$470,003
2014	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$468,806
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$382,388
2014	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$185,931
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$366,592
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079043	Innate Control of Hepatitis C Virus Infection: Antiviral and Evasion Mechanisms	\$470,003
2014	STANFORD UNIVERSITY	CA	R37AI036929	Actin-Based Motility of a Bacterial Pathogen	\$307,573
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$365,791
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$706,414
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$183,243
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI087674	Mechanisms of PVL-induced Acute Lung Injury	\$407,929
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	\$7,309,244
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$386,250
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$426,207
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$191,875
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	\$373,276

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$0
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$1,898,481
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI095319	Surveillance of Serum Contents by Mast Cells and Regulation of Allergic Immunity	\$127,440
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$405,000
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$385,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI102491	Host-pathogen Interactions during Vertical Transmission of Listeria monocytogenes	\$55,094
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	\$131,760
2014	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	\$1,297,816
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$1,140,059
2014	VIROGENICS INC	CA	R43AI100398	siRNA Modulation of the Immune Response	\$300,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$186,775
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$131,490
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI103340	Stromal catalase deficiency as the causative factor in accelerated thymic atrophy	\$472,500
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI098492	Mode of Action of a Fragment of hnRNPU in Blocking HIV-1 mRNA Export	\$55,094
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI103646	The role of SOCS1 repression by miR-155 in regulating immune responsiveness	\$232,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	\$531,680
2014	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$398,050
2014	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R21AI103439	Thrombomodulin Receptors on Immune Cells	\$211,500
2014	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$417,500
2014	AMPLYX PHARMACEUTICALS INC	CA	R43AI106235	Developing a New Therapeutic for the Treatment of Invasive Aspergillosis	\$299,119
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI101492	Antibody Targeting of KPC and NDM1	\$229,746
2014	ANVIL BIOSCIENCES LLC	CA	R43AI112515	Elastase Inhibition as a Novel Therapeutic Approach for Neuromyelitis Optica	\$224,084
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI052065	HIV AND HCV DISEASE PROGRESSION IN WOMEN ON HAART	\$654,771
2014	STANFORD UNIVERSITY	CA	U19AI109662	Advancing Broad Spectrum Host-Targeting Antiviral Strategies to the Clinic	\$5,305,044

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI111477	Integrated Cost-Effective Point of Care Nucleic Acid Testing for TB diagnosis	\$607,711
2014	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$1,363,549
2014	UNIVERSITY OF CALIFORNIA	CA	F31AI112241	Mechanisms of Dysbiosis by Attaching and Effacing Pathogens	\$36,276
2014	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI109150	Screening of Combinatorial Libraries for Complement C5 Inhibitors	\$227,500
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI112513	mRNA as a mediator of immunological information transfer in vivo	\$284,250
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107200	Plasmodium Falciparum Infection and Interference with Effective B Cell Memory	\$236,875
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI108684	BCR regulation of antibody responses	\$305,530
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI108351	Characterizing Privacy Perceptions and Risks in HIV Molecular Epidemiology	\$193,750
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI110658	Donor-Alloantigen-Reactive Regulatory T Cell Therapy in Liver Transplantation	\$983,209
2014	STANFORD UNIVERSITY	CA	R56AI113130	New Therapeutics for Post-Transplant Lymphoproliferative Disorder	\$402,265
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI112262	Quantitative mapping of interactions between dengue virus and its hosts	\$55,094
2014	SILVER LAKE RESEARCH CORPORATION	CA	R41AI108029	Rapid Immunodiagnosis of Drug-Resistant Bacterial Pathogens	\$300,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI108860	Human natural killer cell recognition of cytomegalovirus	\$203,483
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI109044	Mechanisms of Rickettsia invasion, intracellular survival, and actin-based motility	\$382,239
2014	J DAVID GLADSTONE INSTITUTES	CA	R21AI108597	Topology of the Hostogen Genome	\$286,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI041935	HIV - Emergence of Drug Resistance	\$490,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U24AI117966	BioCADDIE: Biomedical and healthCARE Data Discovery and Indexing Engine center	\$3,067,047
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114433	Gene engineering using CRISPR/Cas9 mutagenesis to eliminate latent HIV-1	\$231,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI113295	Identification of natural products targeting new pathways in bacteria	\$682,056
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112375	T follicular regulatory cells, a potential HIV reservoir.	\$231,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI101539	Trispecific monoclonal antibody for botulinum neurotoxin intoxication therapy	\$438,337
2014	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$4,418,930

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$422,028
2014	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$396,000
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$416,250
2014	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$149,142
2014	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$453,663
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$123,136
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$473,750
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$381,150
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI053331	T cell regulation by N-glycosylation	\$367,806
2014	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$672,223
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$3,164,375
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$387,500
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$544,850
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$373,598
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$713,381
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$382,388
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$454,500
2014	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$415,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$319,696
2014	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$243,282
2014	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,787,209
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$238,069
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$473,750
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087634	The Role of miR-17~92 in Autoimmune Diseases	\$423,002
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077644	Chemical Strategies to Manipulate A1-2 Signaling in Bacterial Pathogens	\$470,003
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	\$372,805
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	\$595,782

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2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	\$128,250
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI094251	Improving Early Identification of Drug Resistant Tuberculosis in HIV Prevalent Se	\$125,010
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Primary Immune Deficiency Treatment Consortium Annual Scientific Meeting	\$24,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$1,850,913
2014	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	\$3,006,319
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093640	Molecular dissection of Histoplasma-induced host-cell death	\$444,674
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$6,980,494
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$379,362
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and energy	\$446,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$375,979
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI093768	Determining the Impact of SREBP on Adaptive Immunity	\$385,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$15,000
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI041239	Fc receptor/Ig interactions and trafficking	\$416,250
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$473,750
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$661,348
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092076	Exploration of Chitinase Inhibitors for Human Health	\$236,875
2014	STANFORD UNIVERSITY	CA	U01AI101984	Tissue Cytokine Sequestration and Immune Regulation in Autoimmunity	\$487,465
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$385,000
2014	PAXVAX INC	CA	R44AI091546	Oral, replicating Ad4-HIV vaccine development & evaluation in NHP challenge model	\$971,235
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI108398	Heat shock protein 90 and HIV persistence	\$296,396
2014	THE UNIVERSITY CORPORATION	CA	SC2AI109500	Engineering isobutylamine N-hydroxylase for applications in antibiotic biosynthes	\$131,050
2014	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$704,061
2014	STANFORD UNIVERSITY	CA	F32AI104227	How Toxoplasma injects rhoptry proteins into the host cell	\$53,282
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI103685	Autoimmunity and age-related changes in thymic induction of self-tolerance.	\$213,125
2014	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI107027	Regulatory T cell lineage stability controlled by Foxp3 CNS2	\$485,000

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2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$1,601,209
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$659,642
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI105561	High throughput proteomics to dissect Chlamydia-host cell interactions	\$197,604
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105340	A recombinant virus approach for gamma herpesvirus oncogenesis	\$246,313
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI106930	Innate immunity-based screen for bacterial type III secretion system inhibitors	\$372,856
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI112393	HIV Viral Reservoirs and Monocyte Activation in HIV-Associated Atherosclerosis	\$181,528
2014	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI110162	Inhibiting Immune Evasion by HIV-1 Nef to Facilitate Eradication	\$236,345
2014	UNIVERSITY OF CALIFORNIA, MERCED	CA	R01AI112011	Silk-based Formulation for Microbicide Delivery	\$601,890
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI110271	Determinants of Functional Immune Defects in Treated HIV Infection and Aging	\$789,508
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI112258	Detection of bacterial Type IV secretion by the unfolded protein response	\$233,126
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI110143	Novel flow cytometry-based assay for HIV-infected cells	\$220,601
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI110081	Hereditary Angioedema(HAE)Conference	\$10,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$641,329
2014	SANDSTONE DIAGNOSTICS INC	CA	R43AI108206	Ultra-Sensitive Point-of-Care Toxin Diagnostics	\$149,189
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI112016	Topical Microbicides: Targeted Intracellular Delivery	\$598,312
2014	UNIVERSITY OF SAN FRANCISCO	CA	R15AI111232	Modification of Host Chemokine Responses by Human Cytomegalovirus	\$424,783
2014	STANFORD UNIVERSITY	CA	K99AI106941	Recognition of cross-reactive antigens by human CD4+ T cells	\$98,866
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI110181	Public Health Implications of HIV Transmission Networks	\$133,527
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI114261	Vibrio cholerae biofilms: structure, function, regulation and role in infection	\$473,529
2014	STANFORD UNIVERSITY	CA	R01AI099506	Modulation of internal ribosome entry by ribosomal protein RPS25	\$593,666
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI113362	Novel Therapies to Modulate the Inflammatory Alloresponse in Renal Grafts	\$2,419,451
2014	STANFORD UNIVERSITY	CA	R21AI103722	Human Cytomegalovirus Entry Glycoprotein Complexes	\$240,750
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI112442	Biochemical, Biophysical, and Structural Mechanisms of HIV-1 Budding and Release	\$391,250

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2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI104916	Selective Inhibitors of Plasmodium Falciparum G6PD as Novel Antimalarials	\$414,713
2014	SCRIPPS RESEARCH INSTITUTE	CA	R37AI059714	Immune Tolerance in Non-Clonal Immune Systems	\$473,750
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$387,500
2014	MONOGRAM BIOSCIENCES INC	CA	R21AI114399	Assessing Potential Latent Virus HIV-1 Viability using Next Generation Sequencing	\$175,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI109599	E-proteins and EBF1 in B cell differentiation	\$387,500
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI111435	An Integrated Tabletop Platform for Rapid Detection of XDR-TB in Clinical Samples	\$1,364,708
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI109627	Restoring antibody effector function during persistent virus infection	\$222,992
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI106895	Regulation of Chronic Viral Infections	\$487,500
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI102825	HIV Cure with CCR5 (-) Human IPS Hematopoietic Stem Cells	\$613,068
2014	SCRIPPS RESEARCH INSTITUTE	CA	R56AI102913	mRNA as a mediator of immunological information transfer in vivo	\$473,750
2014	MAPP BIOPHARMACEUTICAL INC	CA	R44AI081392	An SEB Immunoprotectant	\$1,000,000
2014	SCRIPPS RESEARCH INSTITUTE	CA	R56AI104898	The Role of IL-27 in Controlling Persistent Viral Infection	\$473,750
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI113867	Glycan dependent epitopes of HIV broadly neutralizing antibodies	\$947,498
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI114255	In vivo imaging of T Cells using engineered antibodies and PET	\$192,500
2014	UNIVERSITY OF CALIFORNIA	CA	R56AI107263	Harnessing midgut mitochondrial dynamics to enhance Anopheline mosquito fitness	\$775,487
2014	NEWOMICS INC	CA	R43AI106100	Senescence-Chips for Radiation Biodosimetry	\$299,999
2014	DIASSESS	CA	R41AI114068	Low-Cost Instrument-free Point-of-care Platform for Multiplexed Chlamydia Diagnos	\$299,748
2014	STANFORD UNIVERSITY	CA	R56AI111460	Advancing a Novel Pangenotypic Inhibitor of Human Influenza Virus to an IND	\$1,332,988
2014	SOMAGENICS, INC	CA	R43AI104007	Therapeutic Development of RNAi-based inhibitors against the Hepatitis Delta Viru	\$389,582
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$387,500
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$391,250
2014	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$388,819
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$442,500
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$382,674

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2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$1,415,451
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$352,868
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$1,907,421
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$473,750
2014	STANFORD UNIVERSITY	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$648,121
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$386,250
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$390,522
2014	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Tolerance Therapy for Peanut Allerg	\$1,722,425
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$381,150
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$386,250
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$439,135
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$537,706
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$461,878
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$113,346
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$480,799
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatistics TRAINING FOR AIDS RESEARCH	\$188,545
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,460,035
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$443,150
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$548,397
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$385,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083358	Skin Microbiome in epidermal immune defense	\$382,388
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$376,165
2014	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$634,168
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081982	STRUCTURE DRIVEN ANALYSIS OF EBOLA VIRUS RECEPTOR BINDING SITE	\$412,920
2014	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI087164	Gene expression biomarkers of immune recovery in HIV infected patients	\$350,460
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$2,031,918
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI088790	Bay Area Hepatitis C Cooperative Research Center	\$725,162

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2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$558,665
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	\$347,625
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095038	Multifunctional Human Anti-HIV Antibodies	\$473,750
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$131,490
2014	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	\$361,083
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$376,068
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089854	Functional Analysis of MicroRNAs in Lymphocyte Development and Immune Tolerance	\$309,927
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$672,580
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI102780	Role of host-microbe dysbiosis in enteropathy associated with SIV infection	\$192,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$592,435
2014	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$6,339,499
2014	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R44AI068239	An Orally Delivered Booster Vaccine Candidate for Hepatitis B	\$727,729
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105916	Inhibition of Treg function to cure persistent H. pylori infection	\$205,494
2014	UNIVERSITY OF CALIFORNIA	CA	R21AI107393	Adherent Invasive E. coli and colitis	\$192,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$178,416
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$352,125
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI101750	Acinetobacter virulence and host innunopathogenesis	\$204,763
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101802	Molecular Epidemiology of Vivax Malaria in Ethiopia	\$299,862
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI105779	Trichomonas vaginalis MIF: a role in prostate cancer and infertility?	\$192,500
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$604,677
2014	SCRIPPS RESEARCH INSTITUTE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$1,504,657
2014	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	\$334,418
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI106597	Sustainable Synthesis of Enfuvirtide	\$190,000
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI110532	Inflammation, Fibrosis and End-Organ Disease in HIV-Infected Adults	\$189,108
2014	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$390,344

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	TRITON ANIMAL PRODUCTS INC	CA	R43AI112240	Algae-expressed colostrum protein as prophylaxis for enterotoxigenic E. coli	\$150,000
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105939	Intervention of HBV DNA synthesis and transcription	\$193,750
2014	MOLECULAR EXPRESS, INC	CA	R43AI104073	Novel VLP Adjuvant based on the VesiVax system	\$299,999
2014	CEDARS-SINAI MEDICAL CENTER	CA	R21AI103471	Measuring Phagosomal Temperatures	\$213,650
2014	STANFORD UNIVERSITY	CA	F32AI110055	Identification and Characterization of Pathology Minimization Mechanisms During I	\$51,530
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101577	The Pox Virion Molecular Interactome	\$193,125
2014	SCRIPPS RESEARCH INSTITUTE	CA	P01AI104722	High Resolution Analysis of Env-directed B Cells to Accelerate Vaccine Design	\$2,659,788
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI106298	DIFFERENTIATION AND ANTI-VIRAL PROTECTIVE AND PATHOGENIC ROLES OF CD4 CTL	\$442,500
2014	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R44AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$747,488
2014	CARDINAL THERAPEUTICS INC	CA	R43AI108014	Therapeutic amyloid fibrils	\$220,449
2014	CEDARS-SINAI MEDICAL CENTER	CA	R21AI112812	Nicotinamide-An Immune-Boosting Agent to Combat Antibiotic-Resistant Pathogens	\$212,500
2014	WAVE 80 BIOSCIENCES INC	CA	R43AI108062	Rapid No-Spin Chlamydia RNA Extraction via Filtering, Lysis and Monolith Binding	\$300,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI111662	Generation of recombinant thiopeptides to target antimicrobial-resistant bacteria	\$220,814
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI112293	Identifying NKT cell lipids of Chlamydia trachomatis and C. muridarum	\$202,423
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI107936	A new approach to quantitative, point-of-care serology	\$303,614
2014	SONG DIAGNOSTIC RESEARCH LLC	CA	R43AI114450	A sensitive, low-cost, fluorescence assay for determination of HIV p24 in infants	\$150,000
2014	STANFORD UNIVERSITY	CA	K99AI110645	Neutrophils as therapeutic targets in cryopyrin-associated periodic syndrome	\$129,978
2014	CEDARS-SINAI MEDICAL CENTER	CA	R56AI107553	Host Immune Responses to Chlamydia Pneumoniae Infection	\$425,000
2014	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI114397	Involvement of the C-terminus of HIV-1 Vpu in Enhancement of Virion Release	\$208,800
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI112205	Computational and Experimental Study of Complex Molecular Pathways to HIV Latency	\$51,530
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI092453	Specificity, Phenotype and Function of Pancreatic CD8 T Cells in Human Type 1 Diabetes	\$401,400
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$6,568,894
2014	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$364,933
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$341,385

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	ID FISH TECHNOLOGY INC	CA	R44AI056785	Plasmodium Genus and PFV Fluorescent In Situ Hybridization (FISH) Assay Kit for d	\$885,321
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$443,988
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$386,250
2014	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$357,604
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$124,958
2014	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$3,883,567
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$386,296
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$645,587
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$321,421
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$454,500
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,920
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095125	The chemical and genetic basis of interspecies interactions	\$605,810
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI085042	Maternal and fetal immune responses to in utero HSC transplantation	\$71,105
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI078248	Inherited Disorders of Lymphocyte Development	\$382,388
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$367,054
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI083663	Mucosal barrier function during Salmonella infection	\$365,933
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI047868	Divergence of Phagocytic and Antimicrobial Programs in Leprosy	\$493,167
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	\$707,408
2014	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$480,000
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen processing in the secretory pathway	\$375,367
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI092129	Trapping membrane proteins with adjuvant-carrying amphipols for vaccine formulati	\$341,034
2014	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$525,760
2014	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$1,057,049
2014	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$410,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$577,789
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractant	\$384,700

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2014	UNIVERSITY OF CALIFORNIA	CA	F31AI100589	Endogenous insulin-like peptides and control of malaria infection in the mosquito	\$36,144
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$744,961
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$376,822
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$429,400
2014	TRELLIS BIOSCIENCE LLC	CA	R44AI102396	Therapeutic Antibodies for CMV	\$990,935
2014	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fc d1 chimeric protein vaccine to treat cat allergy	\$1,000,000
2014	STANFORD UNIVERSITY	CA	UM1AI069556	Stanford AIDS Clinical Trials Unit	\$178,572
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI105374	The role of the circadian clock during Salmonella infection	\$231,313
2014	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$19,555,822
2014	UNIVERSITY OF CALIFORNIA	CA	R01AI098488	Modeling Inflammation in HIV Transmission	\$1,108,673
2014	VLP BIOTECH INC	CA	R44AI088919	A Therapeutic Vaccine for Chronic Hepatitis B	\$981,428
2014	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$392,725
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI105636	A publicly-accessible Cryptococcus genome database: annotation of the Cryptococcus	\$77,910
2014	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI104247	Regulation of Listeria virulence gene expression by glutathione and hydrogen sulf	\$55,094
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$459,962
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospirosis by Environmental Surveillance	\$742,996
2014	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$368,560
2014	MOLECULAR MEDICINE RESEARCH INSTITUTE	CA	R21AI105518	Positive allosteric modulation of the A2aR for treatment of acute inflammation	\$292,500
2014	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R00AI101167	Characterization of Potassium Channels in the Human Parasite Trypanosoma Cruzi	\$244,200
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107328	Role of Innate Lymphoid Cells in Autoimmunity	\$236,125
2014	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$137,160
2014	STANFORD UNIVERSITY	CA	R21AI102792	Virologic Failure of boosted Proteases	\$196,250
2014	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI101492	Antibody Targeting of KPC and NDM1	\$12,287
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI106416	Humoral response to viral and self-antigens in HIV infection	\$236,875

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI104445	Effects of Acitretin on the activation of latent HIV	\$229,950
2014	STANFORD UNIVERSITY	CA	R21AI107082	Gamma delta T cells act as rheostats to modulate early B cell response	\$282,767
2014	CEDARS-SINAI MEDICAL CENTER	CA	R21AI107765	Structure/Function Analysis of TOX, a Key Regulator of NK Cell Development	\$250,500
2014	SIRENAS MARINE DISCOVERY LLC	CA	R43AI110186	Transcriptional silencing of latent HIV infection - a novel small molecule class	\$291,941
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI108195	Immune responses to infection at the maternal-fetal interface	\$58,946
2014	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI113893	Re-engineering gp120 to include glycan-dependent epitopes	\$2,026,178
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$941,479
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI110261	Fitness Profile of HIV-1 Genome with Host Cofactor Selection Pressure	\$192,500
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI109074	Mechanisms of Toxoplasma gondii dissemination and transmigration	\$368,862
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI110713	Analyzing a novel mechanism of action of bacterial cAMP producing toxins	\$537,892
2014	J DAVID GLADSTONE INSTITUTES	CA	R01AI109593	Stochastic Gene Expression in Retroviral Latency	\$465,995
2014	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI105836	Novel RORgamma antagonists for inflammation and autoimmune disease	\$751,968
2014	GLIXIS THERAPEUTICS LLC	CA	R43AI106168	N-acetylglucosamine analogs for the treatment of Multiple Sclerosis.	\$300,000
2014	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI105215	The role of natural killer T cells in the innate response to lung infection	\$442,500
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F31AI112269	Toward enhancer therapy: Finding the keystone enhancers that distinguish CD4+ T c	\$35,416
2014	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI116226	Suppressing the latent reservoir with a Tat inhibitor	\$255,150
2014	OSEL, INC	CA	R44AI100753	Delivery of passive immunity against HIV using commensal vaginal Lactobacillus bioengineered to secrete broadly neutralizing domain antibodies	\$1,335,502
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI114363	Evaluation of novel tuberculosis screening strategies for people living with HIV	\$182,805
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101784	Targeting iron acquisition in Salmonella with siderophore-based immunization	\$233,642
2014	SCRIPPS RESEARCH INSTITUTE	CA	R21AI103692	Molecular interactions between soluble host factors and a gene delivery vector	\$236,875
2014	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI113009	Explore FOXP3's role in the 3D organization of the genome	\$329,000
2014	OAK CREST INSTITUTE OF SCIENCE	CA	U19AI113048	Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention	\$3,274,930

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2014	STANFORD UNIVERSITY	CA	U19AI110491	ACE: Autoimmunity Center of Excellence (ACE) at Stanford	\$743,463
2014	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI107383	Development of a Novel Inhibitor of Enterovirus Replication	\$231,000
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI036178	Genetic Diversity as a determinant of viral adaptation and pathogenesis	\$531,089
2014	UNIVERSITY OF CALIFORNIA	CA	F32AI114176	Identifying contexts that improve Wolbachia as a biocontrol of vector-borne disease	\$49,850
2014	STANFORD UNIVERSITY	CA	U54AI117925	Center for Expanded Data Annotation and Retrieval (CEDAR) - Overall	\$1,854,734
2014	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$482,625
2014	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$99,378
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$386,250
2014	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$355,844
2014	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,678,997
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$375,375
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$384,310
2014	UNIVERSITY OF COLORADO DENVER	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$734,168
2014	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$187,272
2014	BOLDER BIOTECHNOLOGY, INC	CO	R44AI084288	Long-Acting G-CSF Analog for Treating ARS	\$1,000,000
2014	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$651,874
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI105717	Disconnecting CR2/CD21 from Its C3d Ligand to Ameliorate Lupus	\$193,489
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI103361	Hepatitis C viral sensing by non-parenchymal liver cells (NPC)	\$193,646
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI110241	HIV Vaccines: Adaptive Immunity and Beyond	\$18,000
2014	UNIVERSITY OF COLORADO DENVER	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$179,350
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI110242	HIV Pathogenesis - Virus vs. Host	\$20,000
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109804	The Ins and Outs of Viral Infection: Entry, Assembly, Exit and Spread	\$6,000
2014	NATIONAL JEWISH HEALTH	CO	R01AI110408	Reversal of Inflammatory Processes in CGD	\$396,250
2014	COLORADO STATE UNIVERSITY	CO	R21AI111168	Minipigs as animal model for infant TB and vaccine efficacy	\$284,329
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI106721	Gold Nanocrystal Antibiotics for the Treatment of Multidrug-resistant Gram Negative Pathogens	\$425,001

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI114230	Fourteenth Annual Meeting of the Rocky Mountain Virology Association	\$5,000
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	\$375,820
2014	COLORADO STATE UNIVERSITY	CO	R21AI101864	Mechanisms of Ferritin-iron Acquisition and Burkholderia pseudomallei Infection.	\$219,158
2014	CRESTONE INC	CO	R44AI090719	Development of a Novel PolC Inhibitor as a Gram-Positive Antibiotic	\$1,000,000
2014	UNIVERSITY OF DENVER	CO	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$98,647
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$468,721
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI112418	Immunological impact of Tetherin retrovirus restriction	\$232,563
2014	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$410,240
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$415,338
2014	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arborvirus persistence, emergence and fitness	\$371,250
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$370,390
2014	NATIONAL JEWISH HEALTH	CO	R01AI081878	Regulation of B Cell Identity and Lineage Progression	\$386,100
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F32AI094766	Role of Host Lipids in Salmonella Replication Within Hemophagocytic Macrophages	\$56,978
2014	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	\$674,697
2014	UNIVERSITY OF COLORADO DENVER	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$1,072,868
2014	COLORADO STATE UNIVERSITY	CO	R03AI095918	Transcriptional analysis of the guinea pig model of tuberculosis	\$64,175
2014	COLORADO STATE UNIVERSITY	CO	R21AI109238	Environmental mycobacteria and BCG interference	\$185,875
2014	UNIVERSITY OF COLORADO DENVER	CO	U01AI106499	PrEP and ART adherence monitoring using dried blood spots	\$655,715
2014	COLORADO STATE UNIVERSITY	CO	R21AI112486	Oral Induction of Mucosal and Systemic Antibodies Against HIV-1 gp41 MPER	\$223,050
2014	COLORADO STATE UNIVERSITY	CO	R21AI107254	Therapeutic Restoration of Metabolic Homeostasis During Active TB	\$223,050
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	Transcriptional regulation of vaccine-elicited and infection-elicited CD8+ T cell responses	\$381,042
2014	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$306,517
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$302,940
2014	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$396,250
2014	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$396,250
2014	NATIONAL JEWISH HEALTH	CO	R01AI106287	IRAK-M in lung defense against rhinovirus infection	\$419,028

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109839	Novel Therapeutic Approaches to Tuberculosis	\$8,000
2014	NATIONAL JEWISH HEALTH	CO	R21AI113122	Somatic Mutagenesis in Autoimmunity	\$247,025
2014	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$1,497,170
2014	COLORADO STATE UNIVERSITY	CO	R21AI109463	The Role of RNAi in Aedes aegypti on Dengue Evolution	\$181,788
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI108137	The NF-kappaB System in Health and Disease	\$7,000
2014	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$291,060
2014	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$166,544
2014	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$239,008
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI077597	Infectious Agents and B Cell Anergy	\$378,675
2014	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$355,434
2014	COLORADO STATE UNIVERSITY	CO	U01AI088647	Sustainable Control of Aedes aegypti and epidemic dengue	\$628,842
2014	NATIONAL JEWISH HEALTH	CO	R03AI105468	Generation of TRAJ18-Deficient Mice Using TALNS	\$39,625
2014	NATIONAL JEWISH HEALTH	CO	R21AI105523	Human B Cell Development and Function in Humanized Mice Expressing Human BAFF	\$119,320
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI106011	A unique approach to control the CD40/CD154 inflammatory axis in type 1 diabetes	\$232,563
2014	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$1,000,000
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI103782	Non-canonical responses to IFNab in the suppression of macrophage immunity	\$166,245
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109814	Tissue-Resident Memory T Cells	\$10,000
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI110077	The Science of Malaria Eradication	\$5,000
2014	UNIVERSITY OF COLORADO DENVER	CO	UM1AI110503	Colorado Autoimmunity Center of Excellence	\$232,375
2014	CORGENIX MEDICAL CORPORATION	CO	R44AI088843	Recombinant antigen diagnostics for filoviruses	\$995,262
2014	COLORADO STATE UNIVERSITY	CO	R21AI111588	Imaging viral RNA genome replication at the single molecule level	\$218,759
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI108479	Mechanisms of Impaired HIV-associated B cell and Pneumococcal Vaccine responses	\$543,677
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109612	Biology of B Cell Responses	\$8,000
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI108725	Mechanisms of immune suppression during arthritogenic alphavirus infections	\$381,120
2014	COLORADO STATE UNIVERSITY	CO	R03AI108392	Assay Optimization for Identification of Novel HIV-1 Protease Autoprocessing Inhi	\$74,350
2014	NATIONAL JEWISH HEALTH	CO	R01AI102943	Sprouty-2 Regulation of Signaling in Asthma	\$396,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$387,292
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$424,671
2014	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$353,057
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Man	\$365,186
2014	NATIONAL JEWISH HEALTH	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$460,125
2014	NATIONAL JEWISH HEALTH	CO	K23AI083792	Bacteria in Lower Airways and Airway Inflammation in Children with Asthma	\$125,172
2014	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$988,269
2014	COLORADO STATE UNIVERSITY	CO	R21AI099534	Novel preclinical efficacy models against nontuberculosis mycobacteria	\$223,050
2014	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$394,273
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$716,691
2014	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	\$731,319
2014	NATIONAL JEWISH HEALTH	CO	R21AI103782	Non-canonical responses to IFNab in the suppression of macrophage immunity	\$28,126
2014	NATIONAL JEWISH HEALTH	CO	R21AI103727	Initial functional characterization of TRUSS-deficient mice	\$200,141
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109807	Prophylactic and Therapeutic Antibodies	\$7,000
2014	UNIVERSITY OF COLORADO DENVER	CO	R33AI102264	IFNGR Down Regulation as a Host Target for Therapy of Infectious Diseases	\$399,947
2014	COLORADO STATE UNIVERSITY	CO	R33AI100186	Metabolomics-based discovery of small molecule biomarkers for noninvasive dengue	\$402,924
2014	UNIVERSITY OF COLORADO DENVER	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$544,141
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$300,160
2014	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$124,526
2014	COLORADO STATE UNIVERSITY	CO	R01AI094349	Ivermectin for Malaria Control	\$502,622
2014	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$122,850
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$353,057
2014	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$130,875
2014	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI101193	Do the B2 and Alu ncRNAs Repress Host Cell mRNA Transcription During HSV-1 Infect	\$76,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF COLORADO DENVER	CO	R21AI105523	Human B Cell Development and Function in Humanized Mice Expressing Human BAFF	\$115,814
2014	MBIO DIAGNOSTICS INC	CO	R44AI093289	Point-of-Care HIV Antigen/Antibody Diagnostic Device	\$705,982
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI109775	Molecular Cell Biology of Macrophages in Human Diseases	\$7,000
2014	UNIVERSITY OF COLORADO DENVER	CO	F32AI108249	Molecular study of DksA as a smart switch central to Salmonella pathogenesis	\$54,286
2014	COLORADO STATE UNIVERSITY	CO	R21AI106779	BCG efficacy against W-Beijing TB strains	\$185,875
2014	INDEVV LLC	CO	R43AI106054	INNOVATIVE OPTICAL SYSTEM FOR HEMAGGLUTINATION ASSAYS	\$300,000
2014	NATIONAL JEWISH HEALTH	CO	R56AI105111	Regulation of T Cell Extravasation and Trafficking by the Actin Cytoskeleton	\$269,450
2014	NATIONAL JEWISH HEALTH	CO	R21AI107503	The TRPM2 Ion Channel in Hepatic Innate Immunity	\$237,750
2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI114173	The Modes of Action of Vaccine Adjuvants	\$15,000
2014	COLORADO STATE UNIVERSITY	CO	R33AI100228	Metabolic biomarkers and biosignatures for improved diagnosis of Lyme disease	\$455,475
2014	COLORADO STATE UNIVERSITY	CO	R21AI105585	siRNA-nanoparticles host targeted immunotherapy for tuberculosis	\$237,777
2014	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$386,100
2014	UNIVERSITY OF COLORADO DENVER	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	\$147,771
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infection	\$301,700
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI092108	iNKT Cell Recognition of Endogenous Lipid Antigens	\$367,748
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$112,657
2014	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$466,887
2014	COLORADO STATE UNIVERSITY	CO	R01AI097550	HTS assays for the methylerythritol-4-phosphate pathway	\$375,497
2014	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$363,261
2014	UNIVERSITY OF COLORADO DENVER	CO	R01AI099029	Mapping the Critical Epitopes of Ara h 2 and Ara h 6	\$390,389
2014	NATIONAL JEWISH HEALTH	CO	R03AI105805	Novel Transgenic Mouse Models to Analyze TRPM2 and ADP-Ribose Function	\$79,250
2014	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	\$39,472
2014	INDEVV LLC	CO	R44AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$960,145

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2014	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI110083	Pathogenesis of Respiratory Viruses	\$5,000
2014	OP-T-MUNE INC	CO	R41AI113977	Developing a new treatment for MS: Controlling CD40 in EAE	\$211,808
2014	UNIVERSITY OF COLORADO DENVER	CO	R33AI101064	Identification and evaluation of novel therapeutic targets for virus-induced neuronal disease	\$464,574
2014	COLORADO STATE UNIVERSITY	CO	R01AI112956	Detection and Characterization of Blood-borne Prions	\$432,814
2014	UNIVERSITY OF COLORADO DENVER	CO	F32AI114075	Natural killer cell-derived IL-10 and immunity to Listeria	\$51,530
2014	NATIONAL JEWISH HEALTH	CO	R21AI109219	Lipid Ligands of SPLUNC1 Proteins	\$237,750
2014	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$416,250
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$538,750
2014	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$416,250
2014	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$416,250
2014	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$477,944
2014	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$129,687
2014	YALE UNIVERSITY	CT	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$1
2014	YALE UNIVERSITY	CT	R01AI081884	Autophagy in Antiviral Immunity	\$409,613
2014	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	\$133,937
2014	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory bowel disease	\$416,250
2014	UNIVERSITY OF CONNECTICUT	CT	K22AI099163	Computational Studies of Early Stage Cell Entry Events by Non-enveloped Viruses	\$104,706
2014	YALE UNIVERSITY	CT	R21AI101918	Nanotherapeutics for combined immunosuppression in organ transplantation	\$237,223
2014	YALE UNIVERSITY	CT	R01AI110452	Inflammatory Suppression of Adaptive Immunity by Plasmodium MIF	\$416,250
2014	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R44AI091089	Synthetic microparticle malaria vaccine	\$1,374,390
2014	YALE UNIVERSITY	CT	R33AI100191	A New Cytokine-Based Immunoassay for the Diagnosis of Lyme Disease	\$491,707
2014	YALE UNIVERSITY	CT	R01AI104739	Computational tools for the analysis of high-throughput immunoglobulin sequencing	\$559,369
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$639,382
2014	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$715,160
2014	YALE UNIVERSITY	CT	P01AI039671	Costimulatory Mechanisms of Autoimmunity	\$2,088,964
2014	YALE UNIVERSITY	CT	R01AI085798	Real-time Imaging Analysis of Vector-borne Lyme Borreliosis Pathogenesis & Persis	\$409,613
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$379,427

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2014	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$416,250
2014	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$585,318
2014	YALE UNIVERSITY	CT	R21AI100696	Single molecule imaging of HIV Env	\$209,613
2014	YALE UNIVERSITY	CT	F31AI114245	Rodent Population Dynamics and Leptospirosis Infection in Urban Slum Environments	\$27,290
2014	YALE UNIVERSITY	CT	R21AI109163	CaM-regulated chromatin remodeling: mechanisms, generality and in vivo functions	\$249,750
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI097210	Mechanisms of Impaired Mycobacteria Sensing by TLR2 and TLR4 Polymorphic Variants	\$412,702
2014	YALE UNIVERSITY	CT	R21AI109410	A NEW HUMANIZED MOUSE MODEL OF CHRONIC HEPATITIS B	\$206,767
2014	YALE UNIVERSITY	CT	R01AI113040	Cellular and molecular analysis of B lymphocyte development and selection	\$416,250
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$477,374
2014	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$694,030
2014	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$392,244
2014	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$416,250
2014	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$493,774
2014	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$409,613
2014	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$424,633
2014	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$409,613
2014	YALE UNIVERSITY	CT	K08AI103036	Targeting Entry Pathways in Leishmaniasis	\$132,375
2014	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$416,250
2014	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$416,250
2014	YALE UNIVERSITY	CT	R21AI109486	Development of novel therapeutics for Babesia microti infection	\$208,125
2014	L2DIAGNOSTICS, LLC	CT	R41AI112133	A Multivalent Lyme Disease Vaccine Targeting Tick-Host-Pathogen Interactions	\$299,998
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$404,984
2014	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$448,598
2014	YALE UNIVERSITY	CT	T32AI089704	Human and Translational Immunology	\$179,237
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$450,944
2014	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$409,836
2014	YALE UNIVERSITY	CT	R03AI099625	The role of interleukin 22 in West Nile virus pathogenesis in mice	\$83,250

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2014	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$393,308
2014	VAXINNATE CORPORATION	CT	R01AI105206	Development of a Recombinant Tetravalent Dengue Vaccine Based on a Subunit Envelo	\$683,222
2014	YALE UNIVERSITY	CT	R21AI107150	Mechanisms of vaccinia virus dissemination	\$208,125
2014	YALE UNIVERSITY	CT	R01AI110325	Mechanism of Infectivity Acquisition in African Trypanosomes	\$416,250
2014	UNIVERSITY OF CONNECTICUT	CT	R01AI104841	Propargyl-linked Antifolates Targeting Klebsiella pneumoniae	\$562,189
2014	YALE UNIVERSITY	CT	R01AI108834	GBPs as new inflammsome regulators during mammalian host defense	\$416,250
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$258,840
2014	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$727,771
2014	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$416,250
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$440,420
2014	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$179,059
2014	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$409,613
2014	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$226,095
2014	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$416,250
2014	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$566,172
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$382,484
2014	YALE UNIVERSITY	CT	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$136,360
2014	YALE UNIVERSITY	CT	R01AI089771	Role of basophils in initiating Th2 immune responses	\$409,029
2014	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$2,834,344
2014	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$762,141
2014	YALE UNIVERSITY	CT	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	\$249,750
2014	L2DIAGNOSTICS, LLC	CT	R43AI096628	A Lyme disease vaccine using newly identified in-vivo expressed antigens	\$295,725
2014	L2DIAGNOSTICS, LLC	CT	R41AI114064	RNA Detection as an Improved Diagnostic Assay for Human Leptospirosis	\$300,000
2014	YALE UNIVERSITY	CT	R56AI042310	MIF and Host Response to Infection	\$426,423
2014	YALE UNIVERSITY	CT	R01AI101441	ER-Chlamydia Inclusion Membrane Contact Sites	\$416,250
2014	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R43AI109811	Formulation of LbL microparticle vaccine in microneedle array for intradermal del	\$110,923
2014	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$80,154

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2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$422,621
2014	YALE UNIVERSITY	CT	K08AI085038	Role of the Nlrp3 Inflammasome in Adaptive Immunity	\$133,515
2014	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$650,100
2014	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$611,999
2014	YALE UNIVERSITY	CT	R03AI105734	Definition of follicular stromal cell subset interactions with B cells	\$83,250
2014	YALE UNIVERSITY	CT	R21AI107957	Regulatory T cell mediated control of colitis by Dkk1	\$208,125
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109447	Preparation of trypanosome cdc2-related kinase 9 for high throughput screening	\$198,750
2014	UNIVERSITY OF CONNECTICUT	CT	R01AI111957	Antimetabolites Effective against Resistant Gram-positive Bacteria	\$557,657
2014	YALE UNIVERSITY	CT	R21AI109263	Expanding the toolbox for tsetse reproductive biology	\$241,745
2014	YALE UNIVERSITY	CT	R21AI113606	Structure of the Chemokine Receptor CXCR3	\$249,750
2014	YALE UNIVERSITY	CT	F32AI114196	Genetic Regulation of the Coxiella burnetii Type IVB Secretion System	\$51,530
2014	L2DIAGNOSTICS, LLC	CT	R44AI085725	A serologic assay to measure successful Lyme borreliosis antibiotic therapy	\$883,404
2014	YALE UNIVERSITY	CT	R01AI108829	Regulation of adaptive immunity by the NOD-like receptor NLRP10	\$416,250
2014	YALE UNIVERSITY	CT	R56AI110458	Mechanisms Regulating Innate Immune Responses	\$416,250
2014	YALE UNIVERSITY	CT	R01AI114618	Typhoid Toxin and Salmonella Typhi pathogenesis	\$505,354
2014	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$237,332
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$342,533
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$381,150
2014	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$33,780
2014	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$407,925
2014	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$591,666
2014	L2DIAGNOSTICS, LLC	CT	R44AI096598	Diagnostic Assays for early Lyme Borreliosis using in-vivo expressed antigens	\$829,432
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI109188	Mechanisms controlling memory CD8 T cell recognition of autoantigen	\$238,500
2014	YALE UNIVERSITY	CT	R21AI103807	A critical role of NLRP6 in West Nile virus pathogenesis in mice	\$208,125
2014	YALE UNIVERSITY	CT	F30AI112218	Modulation of vascular endothelial alloimmunogenicity by nanoparticle-mediated ge	\$27,276
2014	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$374,625
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	\$2,660,765

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2014	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$484,980
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	\$330,321
2014	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$416,250
2014	YALE UNIVERSITY	CT	R01AI093775	Improved Treatment of American Cutaneous Leishmaniasis by Immunomodulation	\$669,610
2014	YALE UNIVERSITY	CT	R03AI106444	Efficacy of antiretroviral inhibitors in HIV cell-to-cell transmission	\$83,250
2014	YALE UNIVERSITY	CT	R01AI091568	ACE: Investigation of Innate Immunity in Multiple Sclerosis	\$310,642
2014	YALE UNIVERSITY	CT	F32AI104334	Structure activity and structure property relationships for novel anti-HIV agents	\$51,530
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI099430	IRAK4 and systemic lupus erythematosus	\$238,563
2014	YALE UNIVERSITY	CT	R21AI110776	Identifying lincRNAs critical in asthma pathogenesis	\$249,750
2014	YALE UNIVERSITY	CT	R56AI064559	Modulation of Host Cell Function by Coxiella Burnetii	\$416,250
2014	YALE UNIVERSITY	CT	R56AI079022	Virulence factors of Salmonella Typhi	\$486,262
2014	YALE UNIVERSITY	CT	R01AI112443	In vivo genomic editing of hematopoietic cells for HIV resistance	\$250,000
2014	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F30AI110060	The role of CITFA-2 in RNA polymerase I transcription in Trypanosoma brucei	\$34,348
2014	YALE UNIVERSITY	CT	F32AI114132	The essential role of gamma-secretase in human papillomavirus infection	\$51,530
2014	L2DIAGNOSTICS, LLC	CT	R43AI104355	Targeted Inactivation of the CCR5 HIV Coreceptor with Peptide Nucleic Acids	\$250,298
2014	AMERICAN UNIVERSITY	DC	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	\$176,795
2014	GEORGETOWN UNIVERSITY	DC	R01AI111962	Optimized Combination Antimalarial Drug Therapy	\$1,055,093
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI116013	ASM Conference on Polymicrobial Infections	\$5,000
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$7,000
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$15,000
2014	INTERNATIONAL AIDS SOCIETY	DC	R13AI112347	20th International AIDS Conference (AIDS 2014), Melbourne, Australia, 20-25 July	\$750,000
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI116012	3rd ASM Conference on Viral Manipulation of Nuclear Processes	\$7,000
2014	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI105727	Sialoside based pattern recognition in therapy of and resistance to septic shock	\$215,000
2014	GEORGETOWN UNIVERSITY	DC	R15AI109591	The Role of Lectins in Immune Recognition of Giardia.	\$466,500
2014	WALTER REED ARMY MEDICAL CENTER	DC	UM1AI108568	United States Military HIV Research Program (MHRP) Clinical Trials Unit	\$1,727,116

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2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R15AI099897	OBSTRUCTING TOXIN'S PATHWAYS: UNIVERSAL INHIBITORS OF BINARY BACTERIAL TOXINS	\$423,155
2014	GEORGETOWN UNIVERSITY	DC	R01AI101798	Metabolomic biomarkers and instrumentation for assessment of radiation injury	\$505,979
2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI102725	Potent Phage T4 Derived V2 Immunogens as HIV Vaccines	\$485,442
2014	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI111538	Single Dose, Multivalent, Anthrax Plague Vaccines using Bacteriophage T4 Nanopart	\$693,061
2014	GEORGETOWN UNIVERSITY	DC	R15AI111328	The genetic basis of diapause in the Asian tiger mosquito, Aedes albopictus	\$466,500
2014	GEORGETOWN UNIVERSITY	DC	R21AI109185	Development of West Nile Virus/Broad Spectrum Flavivirus Protease Inhibitors	\$199,570
2014	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$4,201,485
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI109943	12th ASM Conference on Candida and Candidiasis	\$8,000
2014	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI114226	5th ASM Conference on Cell-Cell Communication in Bacteria	\$7,000
2014	UNIVERSITY OF DELAWARE	DE	R21AI109555	Bacteriophage-host dynamics as a factor in the etiology of bacterial vaginosis	\$284,000
2014	UNIVERSITY OF DELAWARE	DE	R21AI110288	HIV 2-LTR Dynamics and Cryptic Viremia	\$214,798
2014	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$438,877
2014	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	\$413,325
2014	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$375,036
2014	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,582,517
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103715	Bioprospecting antibiotics in the fungal secondary metabolome	\$219,905
2014	ADHAERE PHARMACEUTICALS INC	FL	R43AI100499	Medicinal Chemistry Based Optimization of Lead Compounds Against Multiple Scleros	\$300,000
2014	UNIVERSITY OF MIAMI	FL	R21AI103547	Genetic and epigenetic contributions to the neonatal Th2 bias	\$191,875
2014	UNIVERSITY OF FLORIDA	FL	R13AI112163	20th Congress of the International Organization for Mycoplasmology	\$20,000
2014	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$408,556
2014	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$362,588
2014	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$379,839
2014	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$578,055
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI109843	Centrosome control of Toxoplasma growth	\$487,982
2014	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R01AI098616	Improved HIV Assays by Combining Four Innovations in Nucleic Acid Chemistry	\$370,000
2014	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	\$370,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	\$591,688
2014	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$47,676
2014	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	\$424,835
2014	UNIVERSITY OF MIAMI	FL	R01AI108421	Can vaccine-induced CD8 T cells prevent chronic phase AIDS virus replication?	\$544,921
2014	UNIVERSITY OF FLORIDA	FL	R56AI108434	Elimination of persistently HIV-infected cells by targeting host factors	\$369,346
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R56AI108435	Mechanisms of HIV persistence in distinct memory CD4+ T cell subsets in blood and	\$472,500
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R56AI108861	Broad spectrum antiviral and adjuvant properties of RIG-I agonists.	\$617,737
2014	UNIVERSITY OF MIAMI	FL	R56AI079336	The role of STING in innate immunity	\$383,750
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI107455	Defining epitopes of Plasmodium vivax RBP that are potential vaccine targets	\$224,250
2014	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$357,721
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$679,540
2014	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$724,489
2014	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$368,121
2014	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R21AI103526	Modulating the immune response to adenovirus vectors through NF-kB/IRF3 activatio	\$210,625
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$363,825
2014	UNIVERSITY OF MIAMI	FL	R56AI106894	Role of Telomeric Proteins in Antibody Class Switch Recombination	\$383,750
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI102560	A novel zebrafish embryo model to define virulence factors of Bartonella henselae	\$224,250
2014	UNIVERSITY OF FLORIDA	FL	R01AI034276	LISTERIA AND SHIGELLA USE ACTIN TO SPREAD CELL TO CELL	\$318,759
2014	UNIVERSITY OF FLORIDA	FL	R01AI079014	Vesicle Trafficking and Bacteria Invasion	\$362,588
2014	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	\$2,236,659
2014	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$710,565
2014	UNIVERSITY OF FLORIDA	FL	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	\$373,750
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$180,569

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2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103673	Natural Product Treatments for Leishmaniasis	\$224,250
2014	ISENSE LLC	FL	R44AI094781	Rapid Identification of Pathogenic Bacteria and Sepsis Diagnosis	\$961,238
2014	UNIVERSITY OF FLORIDA	FL	F32AI100322	Characterization of a novel role for DEAD-box RNA helicases in bacteria.	\$55,094
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$395,549
2014	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI105985	Inhibiting protein-primed replication of human enteroviruses.	\$202,781
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109530	Extreme Resistance to Mitochondrial Inhibitors in Plasmodium falciparum	\$212,547
2014	UNIVERSITY OF FLORIDA	FL	R56AI113057	Integrating iNKT and DC signaling in the generation of peripheral tolerance	\$369,346
2014	UNIVERSITY OF MIAMI	FL	R56AI107062	Mpeg1 in Innate Immunity	\$383,750
2014	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,191,074
2014	UNIVERSITY OF MIAMI	FL	P30AI073961	Miami Center for AIDS Research	\$1,725,022
2014	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$336,188
2014	UNIVERSITY OF FLORIDA	FL	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$463,574
2014	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,692,089
2014	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$1,946,966
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103664	New Therapies for Pathogenic Free-Living Amoebae	\$197,689
2014	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$382,500
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI105324	Inhibition of Toxin Translocation Can Reverse Cholera and ETEC-Mediated Diarrhea	\$181,250
2014	UNIVERSITY OF MIAMI	FL	R33AI088601	TARGETED siRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$405,350
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI107845	Discovery of Marine Invertebrate-Derived Antimalarial Agents	\$182,483
2014	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$530,253
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103302	Ecdysteroid Signaling in Filarial Parasites	\$190,213
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R01AI108433	Preservation of adaptive immunity leads to HIV control upon treatment cessation.	\$858,991
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R21AI116233	Purging the latent HIV reservoir at ART initiation: A new eradication strategy	\$201,497
2014	UNIVERSITY OF FLORIDA	FL	R21AI109469	Structure and function of VirB6 in the Rickettsiales	\$187,500
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$314,821
2014	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$199,823
2014	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$353,053

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2014	FLORIDA STATE UNIVERSITY	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$464,676
2014	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$388,998
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R01AI092120	Identification of vaccine candidates against severe malaria	\$372,917
2014	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$325,126
2014	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI102589	Functional Characterization of Artemisinin-induced Dormancy	\$39,032
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$659,763
2014	FLORIDA ATLANTIC UNIVERSITY	FL	R03AI103750	OVERCOMING THE DEGRADING EFFECTS OF NICOTINE ON VACCINE USING TLR AGONISTS	\$74,708
2014	UNIVERSITY OF MIAMI	FL	R21AI105320	Antigen-specific tolerance in T1 diabetes by IDO loaded functionalized dendrimers	\$230,250
2014	UNIVERSITY OF MIAMI	FL	R33AI088595	Exploring the Role of Vif Antagonists in Preventing Sexual HIV Transmission	\$413,403
2014	UNIVERSITY OF MIAMI	FL	R21AI106373	Immune Activation in Virologically Suppressed Indian HIV-infected Patients	\$213,641
2014	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$382,500
2014	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$752,776
2014	UNIVERSITY OF FLORIDA	FL	R01AI097405	Cholera Transmission in Gressier Region, Haiti	\$836,598
2014	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$997,804
2014	FLORIDA STATE UNIVERSITY	FL	R21AI111250	Function of Lipid Droplets in Viral Entry and Membrane Fusion	\$220,270
2014	UNIVERSITY OF FLORIDA	FL	R01AI111970	Optimizing combination therapy for Hepatitis C virus with pharmacodynamic models	\$1,147,252
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI109389	Exploring the Influence of an Intracellular Aminopeptidase on S. aureus Virulence	\$182,530
2014	UNIVERSITY OF FLORIDA	FL	F32AI106559	Characterization of epigenetic modifications during MHV68 lytic/latent infection	\$53,282
2014	UNIVERSITY OF FLORIDA	FL	R56AI111974	Combination Therapy Modeling for M tuberculosis Resistance Suppression and Kill	\$1,075,032
2014	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R21AI113096	TILDA: A new sensitive and precise assay to measure the size of the latent HIV reservoir	\$236,250
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	\$367,500
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	\$427,792
2014	UNIVERSITY OF FLORIDA	FL	R01AI087734	LIGHT_HVEM_BTTLA axis in protective anti_viral immunity	\$299,000
2014	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$383,750
2014	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$415,108

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2014	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$571,317
2014	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$454,493
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$558,852
2014	EMORY UNIVERSITY	GA	R01AI065429	Innate immunity to adenovirus vectors	\$386,100
2014	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$387,500
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI039033	Mechanisms of Resistance and Susceptibility to African Trypanosome Infection	\$367,538
2014	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$385,800
2014	EMORY UNIVERSITY	GA	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$711,468
2014	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$386,100
2014	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$715,465
2014	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$387,500
2014	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$1,027,065
2014	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	\$444,920
2014	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$180,360
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI113478	Mouse models for TB infection across the lifespan	\$223,500
2014	EMORY UNIVERSITY	GA	R21AI109601	Human IgE Antibody Secreting Cells in Blood, Nasal Polyps, and Bone Marrow	\$234,000
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI112427	Genetic Analysis of Cryptosporidium	\$372,500
2014	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI109499	Engineering Mesenchymal Stem Cell Microenvironments to Promote Immunomodulation	\$191,132
2014	EMORY UNIVERSITY	GA	F31AI114250	The Role of 2B4 Coinhibition in Transplantation and Immunity	\$42,676
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI103140	The antifilarial activity of ivermectin and diethylcarbamazine	\$372,709
2014	EMORY UNIVERSITY	GA	R56AI110516	Regulation of T cell immunity by the cytosolic RIG-I like receptors	\$443,306
2014	EMORY UNIVERSITY	GA	R01AI087798	Role of the Respiratory Syncytial Virus Fusion Protein in Airway Mucus Induction	\$382,753
2014	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$800,969
2014	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$128,261

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2014	EMORY UNIVERSITY	GA	R21AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$221,247
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109008	Origin of the innate immunity suppression caused by nairovirus' protease activity	\$251,065
2014	EMORY UNIVERSITY	GA	R01AI110474	Study Designs for Estimating the Effectiveness of Vaccination Against Influenza	\$312,000
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI110098	Human Airway Colonization by Mycoplasma pneumoniae	\$389,125
2014	EMORY UNIVERSITY	GA	R01AI111557	Adjuvants for Skin Immunization: Discovery and Mechanisms	\$794,321
2014	EMORY UNIVERSITY	GA	R01AI107960	Adenovirus hexon and its role in virus interaction with the host	\$593,007
2014	EMORY UNIVERSITY	GA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$478,549
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI106892	Role of the Gut Microbiome in Mosquito Development	\$373,542
2014	EMORY UNIVERSITY	GA	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$387,900
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$334,125
2014	EMORY UNIVERSITY	GA	R01AI047498	Phylogeography and Spatial Dynamics of Epidemic Rabies	\$342,495
2014	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$422,578
2014	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$86,194
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI084415	Genetic dissection of parasite metabolism	\$334,765
2014	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$2,787,192
2014	EMORY UNIVERSITY	GA	P01AI078907	B Cells in Health and Disease	\$2,188,962
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$334,125
2014	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	\$375,000
2014	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R21AI105500	The role of GCN2-kinase in antigen presenting cell function and tolerance to self	\$187,500
2014	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$241,845
2014	EMORY UNIVERSITY	GA	R13AI112459	HIV Research for Prevention Conference combining AIDS Vaccine & Microbicides	\$1,000,000
2014	EMORY UNIVERSITY	GA	R01AI111851	Targeting neutralizing epitopes in the MPER of HIV Env	\$516,094
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI108265	Making benznidazole a better drug for Chagas disease	\$186,354

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2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI108222	Calcium signaling in Trypanosoma brucei	\$372,709
2014	EMORY UNIVERSITY	GA	R21AI116200	Targeting SIV reservoirs with type I Interferons	\$255,794
2014	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$366,600
2014	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,426,271
2014	EMORY UNIVERSITY	GA	R01AI030048	T Cell Memory To Viruses	\$480,100
2014	EMORY UNIVERSITY	GA	R21AI111388	Intestinal M Cells and Secretory IgA Response to Defined Gut Microbiota	\$243,939
2014	EMORY UNIVERSITY	GA	R21AI103653	Virulence Determinants for Host Tropism in the Burkholderia cepacia complex	\$195,682
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R33AI102254	Targeting Host and Apicomplexan Isoprenoid Pathways	\$434,750
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI102532	Epigenetic factors regulate RNA polymerase II transcription Trypanosoma brucei	\$51,530
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R13AI109813	Anthelmintics: From discovery of new drugs to modes of action and resistance	\$5,000
2014	EMORY UNIVERSITY	GA	R56AI114442	Epigenetic Regulation of T-cell Exhaustion During Treated Chronic HIV Infection	\$406,875
2014	EMORY UNIVERSITY	GA	F31AI112261	Epigenetic Programming of B cell Terminal Differentiation	\$42,676
2014	EMORY UNIVERSITY	GA	U19AI111211	Role of antigen-specific T cell responses in the control of TB	\$2,704,904
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R33AI100246	Development of Point-of-Care Diagnostics for Norovirus	\$447,450
2014	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$470,985
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$372,438
2014	EMORY UNIVERSITY	GA	R01AI064462	Microbial Influence on Mucosal Homeostasis	\$387,500
2014	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$440,000
2014	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$1,111,648
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis Urban Africa	\$555,103
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$371,250
2014	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$417,804
2014	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$385,800
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$371,250
2014	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$1,361,119
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	\$371,250

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2014	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$179,793
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI103575	A Novel Approach for Mycobacterium Tuberculosis Vaccine Development	\$222,750
2014	EMORY UNIVERSITY	GA	R21AI106386	Role of oxido-reductive stress in regulating HIV-TB coinfection	\$163,702
2014	EMORY UNIVERSITY	GA	R01AI110720	QUANTIFYING THE BALANCE BETWEEN VACCINE-INDUCED T CELL PROTECTION AND PATHOLOGY	\$414,950
2014	EMORY UNIVERSITY	GA	R03AI109194	Generation of MAVS conditional KO mice to study cell-type specific immunity	\$89,250
2014	EMORY UNIVERSITY	GA	R56AI107295	Cell Death Pathways in Cytomegalovirus Pathogenesis and Control	\$387,900
2014	EMORY UNIVERSITY	GA	R01AI113021	Regulation of PD-1 gene expression	\$386,850
2014	EMORY UNIVERSITY	GA	R01AI111863	Mucosal Protection Against HIV Generated by PIV5 Priming and VLP Boosting	\$682,842
2014	EMORY UNIVERSITY	GA	T32AI106699	Antimicrobial Resistance and Therapeutic Discovery Training Program	\$91,780
2014	EMORY UNIVERSITY	GA	R21AI103651	Mechanism of Phosphorylcholine of EF-Tu on Pseudomonas aeruginosa	\$231,900
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI107943	Flagellin-Induced Antiviral Activity	\$222,000
2014	EMORY UNIVERSITY	GA	R56AI103382	Optimization of chimeric multi-stage immunogens for malaria vaccine development	\$843,761
2014	EMORY UNIVERSITY	GA	R33AI102197	NOX1 and NOX2 as Therapeutic Targets in Influenza	\$468,000
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI109108	Regulation of RNA polymerase II transcription in trypanosomatids	\$372,709
2014	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$365,233
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$312,750
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$352,712
2014	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$820,677
2014	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$3,480,972
2014	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$2,884,146
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$410,437
2014	EMORY UNIVERSITY	GA	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$641,261
2014	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	\$1

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2014	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$367,350
2014	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,458,733
2014	EMORY UNIVERSITY	GA	R21AI101775	Structural studies of respiratory syncytial virus	\$195,000
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI104258	A High-throughput Strategy to Identify HIV Intra-subtype Recombinant Sequences	\$37,125
2014	EMORY UNIVERSITY	GA	R01AI106715	A Molecular-Social Network Investigation of HIV-HCV Co-infection in Chinese MSM	\$198,413
2014	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103267	Coordinated stationary phase control of Campylobacter motility and biofilm	\$336,957
2014	EMORY UNIVERSITY	GA	K23AI114407	Characterization and modulation of mucosal immunity for HIV prevention in women	\$174,036
2014	EMORY UNIVERSITY	GA	K24AI114444	Mentorship and Patient-Oriented Research in Tuberculosis, HIV and Global Health	\$173,842
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI110027	Genetically Encoded Calcium Indicators in Toxoplasma gondii	\$223,500
2014	EMORY UNIVERSITY	GA	U19AI110483	B cell Autoimmunity in Human SLE	\$548,689
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI107465	THE ROLE OF NOTCH1 IN THYMIC EPITHELIAL CELLS	\$223,500
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI099476	Lead Optimization of Lapatinib Analogs for Human African Trypanosomiasis	\$672,488
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R56AI104168	Examining SecA as a Potential Target for Treating Gram-positive Bacteria	\$444,000
2014	EMORY UNIVERSITY	GA	R56AI109526	Regulation of Clostridium difficile Spore Formation	\$383,420
2014	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R56AI110785	Antigenic specificities of intestinal CD4+Foxp3+ T cells.	\$377,500
2014	EMORY UNIVERSITY	GA	R01AI072435	Characterization of Lamprey B cells and Antibodies	\$387,500
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$157,463
2014	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$274,838
2014	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune Response	\$446,250
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI088744	RSV Nanocapsule Vaccine Engineered with a G Protein Peptide Payload	\$563,843
2014	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$435,600
2014	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$1
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$371,250
2014	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$2,518,885

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	\$5,335,074
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$726,333
2014	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$478,478
2014	GEOVAX INC	GA	R43AI106422	Enhancing protective antibody responses for a GM-CSF adjuvanted HIV vaccine	\$289,641
2014	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$437,370
2014	EMORY UNIVERSITY	GA	K01AI106961	A Practice-Provider-Parent-Adolescent intervention to increase HPV vaccination	\$115,555
2014	EMORY UNIVERSITY	GA	R21AI103270	Polyamine Modulation of Gonococcal Virulence	\$160,250
2014	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$895,012
2014	EMORY UNIVERSITY	GA	U19AI109633	CD40L adjuvanted clade C DNA and MVA HIV vaccines	\$2,000,000
2014	EMORY UNIVERSITY	GA	R33AI098800	ArmR: a novel drug target and mediator of antibiotic resistance	\$523,464
2014	EMORY UNIVERSITY	GA	R37AI112787	Targeting PD-1 Pathway for Functional Cure of AIDS	\$906,321
2014	EMORY UNIVERSITY	GA	R01AI110701	CRISPR/Cas systems in bacterial gene regulation and virulence	\$441,702
2014	EMORY UNIVERSITY	GA	K23AI116388	A Geospatial Approach to Target HIV-Infected Populations Poorly Engaged in Care	\$174,042
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI107663	Pathogenesis of Trypanosoma cruzi infection	\$372,916
2014	EMORY UNIVERSITY	GA	R01AI111948	NK cell-mediated regulation of T cell immunity in TB/HIV co-infection	\$664,621
2014	EMORY UNIVERSITY	GA	R01AI113883	Role of HIV Env glycosylation in mucosal transmission	\$889,094
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI104120	The mitochondrial calcium uniporter of trypanosomes	\$223,500
2014	EMORY UNIVERSITY	GA	R01AI111907	Monitoring SIV Reservoirs with Whole Body immunoPET	\$1,031,739
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$364,182
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$330,784
2014	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$2,439,291
2014	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI077343	Mechanical Regulation of Selectin-Ligand Binding Kinetics	\$490,211
2014	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$269,165
2014	EMORY UNIVERSITY	GA	K01AI087724	Effect of Nutrition, Immunity, and Vaccines on Pediatric Enteric Infections	\$119,324

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2014	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$378,634
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$339,554
2014	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R00AI099156	ROLE OF CHAPERONES IN MAINTAINING THE ASPARAGINE REPEAT-RICH PROTEOME OF P. FALCI	\$249,000
2014	GEORGIA TECH RESEARCH CORPORATION	GA	K22AI100927	COMBATING INFECTION THROUGH ATOMIC-SCALE MODELING OF UNIQUE BACTERIAL SYSTEMS	\$107,495
2014	AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC	GA	R01AI103347	Engineering DNA nanoparticles to create immune tolerance	\$375,000
2014	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	\$212,250
2014	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic E.coli	\$131,009
2014	EMORY UNIVERSITY	GA	R03AI111396	Epigenome-wide association study of asthma in populations of African descent	\$95,000
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI106839	Regulating neutrophil response during chronic inflammation through SIRPa alterati	\$370,000
2014	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$413,221
2014	EMORY UNIVERSITY	GA	R01AI101047	Novel Influenza A Nanovaccines for Broad Cross Protection	\$579,189
2014	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$371,250
2014	UNIVERSITY OF HAWAII	HI	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$358,325
2014	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,528,431
2014	UNIVERSITY OF HAWAII	HI	R01AI110769	Mature virus-like particles as a new strategy for dengue virus vaccines	\$303,500
2014	UNIVERSITY OF HAWAII	HI	R21AI105286	Defining Immunity to Placental Malaria using a Multi-assay Predictive Model	\$227,500
2014	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$633,704
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$359,854
2014	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$219,035
2014	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$434,409
2014	UNIVERSITY OF IOWA	IA	R01AI087671	Antibacterial Agents that Restrict the Emergence of Resistance	\$370,867
2014	UNIVERSITY OF IOWA	IA	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$339,750

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2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K22AI099165	NMR Studies on the Role of the Essential IgG N-Glycan in Immune System Activation	\$107,187
2014	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$599,499
2014	UNIVERSITY OF IOWA	IA	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	\$148,742
2014	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,595,796
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$484,465
2014	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$104,212
2014	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$371,250
2014	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign-body infections	\$371,173
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI114283	In vivo reporters of gene expression	\$183,019
2014	UNIVERSITY OF IOWA	IA	R21AI110185	Using miRNAs to elucidate the cellular sources of HIV-1	\$253,125
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$375,058
2014	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$351,027
2014	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$175,731
2014	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$290,331
2014	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$371,250
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI093703	Cholinergic Receptors as Targets for Accelerated Anthelmintic Discovery	\$325,920
2014	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$377,500
2014	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$377,500
2014	UNIVERSITY OF IOWA	IA	R21AI096007	Synergistic Drug Strategies Against Pseudomonas Aeruginosa Biofilms	\$221,561
2014	UNIVERSITY OF IOWA	IA	R01AI100527	T cell Inhibitory receptor blockade in chronic blood-stage malaria	\$377,500
2014	UNIVERSITY OF IOWA	IA	R01AI108255	Lysine Acetylation in N. gonorrhoeae Quorum Sensing and Biofilm Formation	\$831,215
2014	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$382,392
2014	UNIVERSITY OF IOWA	IA	R21AI105351	Decoding TCF1-controlled transcriptional program that promotes memory T cell fate	\$188,750
2014	UNIVERSITY OF IOWA	IA	R21AI111638	Development of adjunctive therapies directed at S. aureus amidases	\$222,832

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2014	UNIVERSITY OF IOWA	IA	F32AI113973	Deciphering the Role of the Coronavirus Macro Domain in SARS-CoV Infection	\$53,282
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI111466	Enhanced Shelf-life Nanovaccine Formulation for Immunity to Biodefense Pathogens	\$349,999
2014	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI111326	Novel Anthelmintic 'Resistance' Mechanism involving Gut Bacteria	\$75,000
2014	UNIVERSITY OF IOWA	IA	R01AI077519	Filoviral glycoprotein/cellular protein interactions	\$372,031
2014	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$376,582
2014	UNIVERSITY OF IOWA	IA	R21AI109320	Effect of Quorum Sensing on N. gonorrhoeae infection of human PMN's	\$226,500
2014	UNIVERSITY OF IOWA	IA	R01AI104706	Mechanisms of Nlrp3 inflammasome activation by mitochondrial dysfunction	\$377,500
2014	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$1,823,475
2014	UNIVERSITY OF IOWA	IA	R21AI101391	Nuclease-Activated Probes for Imaging Staphylococcus aureus Infections	\$188,750
2014	UNIVERSITY OF IOWA	IA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$377,500
2014	UNIVERSITY OF IOWA	IA	R01AI104728	The Structural Determinants of Innate Immune Modulation by Francisella LPS	\$377,500
2014	UNIVERSITY OF IOWA	IA	R01AI097264	Post-transcriptional regulation of Pseudomonas virulence gene expression	\$362,096
2014	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$319,424
2014	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmid-Bacteria Coevolution Promotes the Spread of Antibiotic Resistance	\$346,108
2014	UNIVERSITY OF IDAHO	ID	R21AI113617	Nucleoid structure and energy metabolism in chlamydial gene expression	\$229,617
2014	IDAHO VETERANS RESEARCH & EDUCATION FOUNDATION INC	ID	R21AI101457	Diagnosis of sub-clinical cryptic group A streptococcal myonecrosis	\$186,000
2014	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$386,250
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$344,232
2014	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$344,149
2014	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	UM1AI069512	Units for HIV/AIDS Clinical Trials Networks	\$241,345
2014	UNIVERSITY OF CHICAGO	IL	R01AI087658	Mapping eQTLs that affect susceptibility to Tuberculosis	\$574,685
2014	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	\$126,630
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$380,958
2014	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	\$35,352

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2014	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$132,051
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI106547	Exploring the role of microtubules in HIV-1 uncoating	\$182,650
2014	UNIVERSITY OF CHICAGO	IL	R01AI106352	Regulation of Lymphocyte Development by HLH Proteins	\$433,871
2014	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	K22AI104941	Critical roles of endogenous TLR signaling in driving Th17 effector responses	\$108,000
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111044	Epigenetic regulation of HBV transcription and replication by FoxA/HNF3	\$239,700
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI111259	Green stormwater infrastructure: An unrecognized opportunity to manage mosquito-b	\$79,300
2014	UNIVERSITY OF CHICAGO	IL	R01AI108682	How beta-catenin expands Foxp3+RORgammat+ Pro-inflammatory T-regulatory cells	\$414,148
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$366,561
2014	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,651,955
2014	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$386,250
2014	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$347,490
2014	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$314,998
2014	UNIVERSITY OF CHICAGO	IL	R01AI081987	Investigating the Catalytic Mechanism of the HDV Ribozyme	\$375,456
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	UM1AI069554	Targeting High-Risk Women for HVTN and Microbicide Trials	\$585,496
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI099639	Discovery of novel anti-HBV compounds targeting host factors	\$197,602
2014	NORTHWESTERN UNIVERSITY	IL	F32AI108247	Virulence-Associated Accessory Genomic Elements of Pseudomonas aeruginosa	\$53,282
2014	UNIVERSITY OF CHICAGO	IL	R21AI107485	GATA4 as a window into the link between metabolism and immunity	\$237,997
2014	UNIVERSITY OF CHICAGO	IL	F30AI110036	Assembly of the envelope of Bacillus anthracis vegetative forms	\$44,914
2014	UNIVERSITY OF CHICAGO	IL	R21AI111760	Antibiotic Potentiation by Targeting of a Signal Transduction System	\$212,782
2014	UNIVERSITY OF CHICAGO	IL	R21AI107186	Desiccation resistance in Coxiella burnetii	\$191,932
2014	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,697,571
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$602,456
2014	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$262,461
2014	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$395,000

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2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$153,377
2014	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$377,584
2014	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$389,432
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$684,410
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI099953	Integration of infant male circumcision with community health services in Kenya	\$1,336,450
2014	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$386,250
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI106590	Immune function and mechanism of Tim3 expression and Tim3+ T cells in TB & HIV+TB	\$200,000
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI106024	"LLISA:'Liposome-Linked Immunosorbant Assay' for Detection of HIV Viral Load at Point-of-Care"	\$210,580
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	K22AI104805	Adaptation of Staphylococcus aureus to Mn and Zn starvation imposed by the host	\$159,200
2014	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	K22AI104799	Multiscale Modeling of Pilin Subunit Recognition by Pneumoccus Sortase C enzymes	\$103,464
2014	MIDWESTERN UNIVERSITY	IL	R15AI105742	Elucidation of an informed drug dosing scheme to minimize kidney injury	\$458,764
2014	UNIVERSITY OF CHICAGO	IL	R01AI107159	Molecular mechanism of general stress signaling in Brucella abortus	\$439,768
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F32AI110047	Determining the role of dialog between pathogenic streptococci in biofilm develop	\$51,530
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R13AI109968	6th International gamma delta T-cell conference	\$7,000
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI107516	G-BMDC-induced Treg mediated suppression of Type 1 Diabetes in NOD mice	\$399,500
2014	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$187,519
2014	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$423,242
2014	NORTHWESTERN UNIVERSITY	IL	R01AI041985	Unconventional APC Inducing Autoimmune Th17 Cell Expansion in Lupus	\$386,250
2014	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$377,438
2014	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$336,372
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$392,500
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$481,583
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$663,922

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2014	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$381,250
2014	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,139,861
2014	NORTHWESTERN UNIVERSITY	IL	R01AI105839	Regulation of food allergy and anaphylaxis by IL 33	\$210,154
2014	NOVALEX THERAPEUTICS, INC.	IL	R41AI110090	Development of Novel S. aureus Antibiotics with Reduced Resistance Susceptibility	\$298,502
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	K08AI112506	The Epidemiology of Multi-Drug Resistant Enterobacteriaceae Infections in Childre	\$178,805
2014	NOVALEX THERAPEUTICS, INC.	IL	R41AI112114	Development of broad spectrum Hepatitis C Virus NS3/4A protease inhibitors	\$300,000
2014	UNIVERSITY OF CHICAGO	IL	R21AI112758	Identification of a prostate antigen recognized by endogenous regulatory T cells	\$197,500
2014	NORTHWESTERN UNIVERSITY	IL	R21AI105330	Translational control of gene expression during poxvirus infection	\$199,470
2014	UNIVERSITY OF CHICAGO	IL	R21AI105821	Commensal microbes and sexual dimorphism in autoimmunity	\$191,932
2014	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R15AI109566	Unraveling the role of protein phosphorylation in the regulation of development in Chlamydia trachomatis	\$417,475
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI105573	Novel Peptides Against Modified Heparan Sulfate	\$246,550
2014	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI113653	Design and Study of IspF Inhibitors as Antibacterial Agents	\$356,130
2014	NORTHWESTERN UNIVERSITY	IL	R56AI106030	The Pathogenesis of Kawasaki Disease	\$400,600
2014	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$384,624
2014	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$447,050
2014	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$379,206
2014	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$339,694
2014	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$454,899
2014	NORTHWESTERN UNIVERSITY	IL	R01AI080658	Alpha-herpevirus assembly egress and viral particle heterogeneity	\$301,950
2014	UNIVERSITY OF CHICAGO	IL	R21AI098599	Social network positional selection of peer change agents	\$192,654
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI103754	Micro-nano Platforms for HSV Vaccine	\$199,375
2014	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R03AI105294	Parent-of-Origin Effects on Food Allergy	\$73,500
2014	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Hospital-Acquired Pathogens	\$100,048
2014	NORTHWESTERN UNIVERSITY	IL	R21AI103658	Small, noncoding RNAs and the evolution of Yersinia pestis virulence	\$193,125
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI111170	Antibody repertoire diversification in gut-associated lymphoid tissue	\$75,500
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI111455	The targets of phagocytic superoxide in Salmonella	\$189,624
2014	NORTHWESTERN UNIVERSITY	IL	F32AI114130	Mechanism of Action of Stenotrophomonas maltophilia proteases	\$56,030

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2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F30AI110080	Identifying Patterns of Specificity and Promiscuity in the ComRS Intercellular Si	\$47,676
2014	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI113391	Interferon gamma inducible protein 16 and KSHV gene expression	\$231,750
2014	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$386,250
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$436,514
2014	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$377,438
2014	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$367,014
2014	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$377,438
2014	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$767,008
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$129,384
2014	UNIVERSITY OF CHICAGO	IL	R01AI087645	Thymic B cells and T cell selection	\$410,931
2014	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$2,209,345
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$429,832
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI095488	Peptide-Based Quorum Sensing Controlling Virulence in Bacillus anthracis	\$398,750
2014	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$253,327
2014	NORTHWESTERN UNIVERSITY	IL	R33AI094584	Cervical/Vaginal Mucus and Microbicides	\$476,268
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI100565	Immunomodulatory properties of umbilical cord blood	\$217,639
2014	NORTHWESTERN UNIVERSITY	IL	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$386,250
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R33AI101504	Neuronal-specific cargo-delivery platforms as post-exposure botulism therapies	\$410,536
2014	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$517,000
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI108546	Subversion of MHC class I antigen presentation by viral immunomodulatory proteins	\$398,750
2014	NORTHWESTERN UNIVERSITY	IL	R01AI104733	Role of Thymic Stromal Lymphopoietin in Chronic Rhinosinusitis	\$386,250
2014	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$850,202
2014	NORTHWESTERN UNIVERSITY	IL	R21AI113916	Proteomic Predictors of Chronic Kidney Disease in Liver Transplant Recipients	\$234,794
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F30AI109825	Microchip virus detection platforms for point-of-care HIV/AIDS diagnostics	\$41,347
2014	UNIVERSITY OF CHICAGO	IL	R13AI112238	International Symposium on Staphylococci and Staphylococcal Infections	\$5,000
2014	NORTHWESTERN UNIVERSITY	IL	R21AI103451	CRISPR Cas genes and Legionella pneumophila infection	\$193,125

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	NORTHWESTERN UNIVERSITY	IL	R01AI108634	The roles of Synoviolin in immune tolerance and autoimmunity	\$379,464
2014	UNIVERSITY OF CHICAGO	IL	R56AI110507	Function of Aire-dependent regulatory T cells in immune tolerance	\$382,472
2014	UNIVERSITY OF CHICAGO	IL	R21AI111409	Novel Approaches to the Total Chemical Synthesis of Lasso Peptides as a Scaffold	\$237,000
2014	NORTHWESTERN UNIVERSITY	IL	U19AI106683	Chronic Rhinosinusitis Integrative Studies Program (CRISP)	\$2,096,810
2014	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	\$365,827
2014	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$507,585
2014	RUSH UNIVERSITY MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$336,327
2014	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$390,000
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$235,373
2014	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$386,250
2014	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$386,250
2014	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$380,556
2014	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	T32AI078876	Infection Biology Training Grant	\$180,948
2014	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$377,438
2014	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	\$26,676
2014	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$2,057,977
2014	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$390,000
2014	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	\$423,783
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$368,416
2014	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$393,424
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI106328	Class switch recombination during early B cell development	\$199,375
2014	NORTHWESTERN UNIVERSITY	IL	R21AI103433	Improving Food Allergy Management through an Electronic Physician Support Tool	\$188,023
2014	LOYOLA UNIVERSITY OF CHICAGO	IL	R03AI103638	Contribution of Pfs48/45 to Malaria Transmission-Blocking Immunity	\$61,435
2014	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and regulatory T cells in the failure of oral tolerance	\$128,621
2014	UNIVERSITY OF CHICAGO	IL	R01AI108643	A common hematopoietic precursor to innate lymphoid cells	\$383,864

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2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$388,575
2014	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$335,342
2014	UNIVERSITY OF CHICAGO	IL	R01AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$391,685
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$458,778
2014	UNIVERSITY OF CHICAGO	IL	R00AI095320	Role of Pattern Recognition Receptors in Protection Against Influenza Virus	\$244,012
2014	UNIVERSITY OF CHICAGO	IL	R56AI110937	Molecular basis and intervention of Staphylococcus aureus agglutination	\$389,432
2014	UNIVERSITY OF CHICAGO	IL	R21AI109233	EZH2 in lymphoid lineage specification and commitment	\$197,500
2014	UNIVERSITY OF CHICAGO	IL	R01AI106302	Protective role of intestinal microbiota in food allergy	\$389,432
2014	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	R01AI105781	A prospective study of CFS following infectious mononucleosis in college students	\$701,037
2014	NORTHWESTERN UNIVERSITY	IL	K23AI110731	Age related Differences in Chronic Rhinosinusitis and Nasal Polyps	\$130,152
2014	NORTHWESTERN UNIVERSITY	IL	R01AI112911	Mechanisms of MCMV reactivation in immunodeficient transplant recipients	\$396,289
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI111762	Role of MBD4 in double strand break formation during class switch recombination	\$239,700
2014	NORTHWESTERN UNIVERSITY	IL	R21AI113935	Glucocorticoids and glucocorticoid receptor translational isoforms	\$231,750
2014	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R13AI114208	21st Annual Midwest Microbial Pathogenesis Conference	\$8,000
2014	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$381,250
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$990,528
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI104217	Characterizing the Role of Encapsidated Host Ribosomes in Alphavirus Infectivity	\$55,094
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI112398	The Role of Follicular Helper T Cells in HIV Prime Boost Vaccination	\$602,544
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$375,000
2014	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$399,963
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$176,612
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$375,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI100542	Plasticity of IL-9-secreting T cells	\$32,673
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	\$563,007
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$380,000

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2014	UNIVERSITY OF NOTRE DAME	IN	R56AI108884	Designing Selective Inhibitors of IgE-mediated Mast Cell Degranulation	\$395,683
2014	UNIVERSITY OF NOTRE DAME	IN	R21AI109417	Glutamate-dependent behavior of Pseudomonas aeruginosa	\$220,200
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI108775	Development of the vaginal microbiome in young Black women	\$772,643
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI113219	Characterization of Biofilms by Correlated Mass Spectrometric and Raman Imaging	\$465,734
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$375,170
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$371,250
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$428,863
2014	PURDUE UNIVERSITY	IN	R21AI105714	Probing novel innate immune detection mechanisms using an intracellular bacterial	\$186,618
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI113103	Role of Plac8 in natural and vaccine-generated immunity against Chlamydia infections	\$355,399
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI110637	Effect of Viral Capsid Stability and Flexibility on Viral Pathogenesis	\$353,092
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$390,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$501,556
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	K01AI110525	Parents Influenza Vaccine Decisions for Their Children and for Themselves	\$141,759
2014	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$581,696
2014	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$573,103
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	\$1,571,078
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus Aureus	\$471,519
2014	PURDUE UNIVERSITY	IN	R01AI095366	Structural studies of Togaviruses	\$642,306
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$379,151
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI102873	Assembly of a Dodecahedral Virus	\$65,549
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI105786	Inhibition of phosphatase activity as a novel treatment for chronic toxoplasmosis	\$229,371
2014	UNIVERSITY OF NOTRE DAME	IN	R21AI112734	Anchoring and uniting the An. funestus assembly for improved vector analysis	\$239,129
2014	PURDUE UNIVERSITY	IN	F32AI106149	Structural investigations of the alphaviral lifecycle	\$53,282
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI107075	Functions of Pneumococcal Murein Hydrolases Required for Division and Virulence	\$384,677
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI110987	Regulation of Follicular Helper T cell Differentiation and Vaccination by IL3	\$78,000

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2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$381,150
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$283,790
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,253,031
2014	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$375,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI101242	Development of a Drosophila model to study vector colonization by Yersinia pestis	\$244,318
2014	UNIVERSITY OF NOTRE DAME	IN	R21AI105657	Connecting drugs to pathways using malaria parasite transcript profiles	\$228,000
2014	TECHSHOT INC	IN	R44AI096572	Electrical System for Rapidly Detecting Viable Bacteria in Blood Culture	\$961,155
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	F30AI114284	Host Control of Viral Protein Function: Phosphorylation in the Papillomavirus E2	\$26,901
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI108888	Graph-centric approaches to metatranscriptomic and metaproteomic data analysis	\$340,446
2014	PURDUE UNIVERSITY	IN	K02AI085403	Modulation of Host Vesicle Trafficking by Legionella pneumophila	\$111,201
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090077	Host determinants of alphavirus replication	\$363,220
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	\$357,512
2014	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$332,939
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI106435	Manipulation of host cell acetylome in AIDS opportunistic infection	\$234,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI077688	The Biophysics of Virus Capsid Assembly	\$347,333
2014	PURDUE UNIVERSITY	IN	R21AI105620	Determinants of BATF Function	\$183,694
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$381,150
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$381,150
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$392,367
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$458,120
2014	UNIVERSITY OF NOTRE DAME	IN	R21AI105361	Develop a Multi-Target Sensor to Detect Dengue Serotypes from Infected Mosquitoes	\$228,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$234,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI113523	Follicular repressor T cells: regulation by Stat proteins and control of antibody	\$195,000
2014	UNIVERSITY OF NOTRE DAME	IN	R21AI103872	Transcript networks and crowdsourcing to predict drug combinations in malaria par	\$228,000
2014	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104944	The role of TLR3 signaling in Chlamydia caused urogenital pathology	\$385,091

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2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K02AI093675	Structure-function analyses of siderophore biosynthetic enzymes	\$106,920
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI094797	Characterization of PTMs on Env to support HIV vaccine development	\$365,352
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI113547	Functional Domains of Borrelia burgdorferi Virulence Factor OspC	\$188,750
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI105467	Stable needleless vaccine against Shigella spp	\$235,917
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R00AI100919	Host innate immune response induction and shutoff during poxvirus infection	\$248,999
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$292,329
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI091972	Arbovirus midgut escape mechanisms	\$658,536
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$441,044
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI103711	Development and Validation of Conditional Gene Expression Systems in Chlamydia	\$182,899
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI108391	A Novel Mechanism of Restriction by an APOBEC3 Protein	\$226,500
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI113552	Cheminformatic Discovery of Alternative Pathway C3 Pro-Convertase Inhibitors	\$250,500
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$355,826
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI090062	Signaling pathways for tick salivary secretion	\$293,040
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI103851	Role of HTLV-I Tax-induced NF-kB in activation of ICN1 and immortalization of vir	\$226,500
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$375,000
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI101231	An enterotoxigenic E. coli protein that antagonizes the NF-kappaB pathway	\$187,500
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI105543	Study of Human Bocavirus Infection in Human Airway Epithelia	\$201,500
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI107005	Neoantigens and TLR4	\$262,500
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI113307	Assessment of serotype-independent immunity elicited by Shigella T3SS proteins.	\$375,000
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI095842	The function(s) of serpin-2 in mosquito immunity and physiology	\$369,789
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$299,539
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI109039	Norovirus 3CL Protease-Based Anti-norovirus Therapeutics	\$784,022

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2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R13AI112233	Vector Biology Representation at the 2014 Arthropod Genomics Symposium	\$5,000
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI109209	A subunit vaccine for enterotoxigenic E. coli associated traveler's diarrhea	\$187,500
2014	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$365,891
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$377,500
2014	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI099696	Persistence of hepatitis delta virus infection in absence of HBV replication	\$223,185
2014	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	F32AI104154	Effects of Blood Meal on Cellular Immunity in Mosquitoes	\$58,946
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI101373	Role of Rapid IFN γ Secretion by CD4+ T cells in Clearance of Food Borne Listeria	\$468,217
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI109529	Mechanism of inhibition of RNA virus replication by host WW-domain proteins	\$175,000
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$356,996
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$727,652
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI107978	Farnesylated effectors of Legionella	\$187,500
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$362,213
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI113648	The Borrelia burgdorferi transcriptional regulome	\$98,626
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$364,783
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI099509	Host glycosyltransferases in the glycosylation of Toxoplasma proteins	\$222,750
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	U19AI113182	Griffithsin-based Rectal Microbicides for PREvention of Viral ENTry (PREVENT)	\$3,639,038
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$371,250
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI097608	Identification of host factors required for Yersinia pestis macrophage infection	\$185,976
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$371,250
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI103717	Targeting functional assembly of the bacterial multidrug efflux transporter	\$182,298
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	\$432,107
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI108234	Autumn Immunology Conference	\$13,000

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2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI103980	Identification of diagnostic markers for lupus nephritis	\$186,680
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI106260	Borrelia burdorferi Ebfc regulon	\$187,500
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI108260	Hendra virus trafficking and assembly	\$234,025
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI051517	Paramyxovirus F protein mediated membrane fusion	\$335,348
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$411,807
2014	MOSQUITOMATE INC	KY	R44AI098179	Biological vector control reducing arboviruses, including Dengue and Chikungunya	\$610,708
2014	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI113253	Regulation of hyaluronic acid capsule biosynthesis in Streptococcus pyogenes	\$200,700
2014	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI103053	Evolutionary Mechanisms of RNA Virus Host Switching	\$369,262
2014	THERAPYX INC	KY	R44AI104067	Therapy and Prophylaxis for Genital Tract Infection	\$749,000
2014	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI103912	Evasion of complement-mediated killing by pathogenic rickettsial species	\$185,000
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$376,250
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI103466	Rational Approach to Optimize Immune Potency of DNA Vaccines	\$188,125
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	\$817,150
2014	TULANE UNIVERSITY OF LOUISIANA	LA	F31AI094972	The Effects of Antibodies on Vascular Permeability in Dengue Virus Infection	\$39,276
2014	CHILDREN'S HOSPITAL	LA	R03AI107536	Synthetic glycopeptide vaccines that enhance resistance to candidiasis	\$81,926
2014	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R43AI112221	Peptide inhibitors of coronavirus entry	\$225,000
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110158	Modified CMV-specific T cells to Target HIV	\$181,271
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI089323	Genetic Requirements for the survival of Tubercle Bacilli in Nonhuman Primates	\$503,945
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	\$376,250
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R33AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$332,447
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,456,892
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI116198	Targeting Macrophage Reservoirs in the Macaque Model of Pediatric AIDS	\$228,150
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$376,443

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$1,105,698
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI109482	Physiologic and immunologic consequences of exposure to ETEC enterotoxins	\$225,750
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	\$376,250
2014	TULANE UNIVERSITY OF LOUISIANA	LA	K22AI103067	The antiviral role of mosquito ubiquitin Ub3881 during dengue infection	\$108,000
2014	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI106676	Epstein Barr virus antisense transcription	\$376,250
2014	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI099080	Molecular and chemical validation of the vacuole as a new antifungal target	\$377,577
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI083563	Congenital Transmission of Lineages I and II of Trypanasoma cruzi	\$424,862
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$718,134
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI110163	Targeting HIV Lung Reservoir in the Macaque Model	\$222,698
2014	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$376,250
2014	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$490,752
2014	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$499,148
2014	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R56AI107249	Cytosolic virus detection in Caenorhabditis elegans	\$230,197
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$676,899
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$430,936
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$437,500
2014	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$412,500
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$435,000
2014	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$405,158
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,194,909
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$454,278
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$795,184
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$795,032
2014	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$836,610
2014	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$142,187
2014	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$435,000

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2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$435,105
2014	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$200,597
2014	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$418,126
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$403,476
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$480,798
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI087969	Female Genital Innate Immune Response to Vaginal Microbiota	\$127,116
2014	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$482,625
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089972	Peripheral B Cell Receptor Editing	\$137,080
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$427,433
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$35,170,256
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$423,750
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$531,662
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	\$437,500
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$2,382,602
2014	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	\$132,705
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$434,203
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI106178	Mechanistic Studies of the Function of Desmosterol Homeostasis in HCV Replication	\$55,094
2014	FENWAY COMMUNITY HEALTH CENTER	MA	UM1AI069480	Clinical Trial Unit for HIV Prevention and Microbicide Research	\$123,201
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$435,000
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI094932	Modification of host proteins during Chlamydia infection	\$19,865
2014	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$3,647,697
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$128,259
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$438,750
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Borrelia burgdorferi-Induced Autoimmunity in Lyme Disease	\$435,000
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI105896	Antagonizing miRNAs in a strategy to cure HSV latency	\$227,244

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2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$181,787
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI104182	The Role of Basophils in Adaptive Immunity	\$63,122
2014	IMMUNETICS, INC	MA	R43AI100471	Immunoassay for diagnosis of Babesia infection	\$300,000
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$184,020
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral And host mechanisms that tilt the HSV lytic/latent balance	\$1,732,800
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$2,581,322
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI110046	Dissecting the role of YceG in E. coli cell wall biogenesis	\$34,543
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI105463	An essential transcription regulator in Pseudomonas aeruginosa	\$263,000
2014	TUFTS MEDICAL CENTER	MA	R01AI103173	Critical Roles for Iron and Copper Detoxification in Borrelia Burgdorferi	\$412,500
2014	MICROBIOTIX, INC	MA	R44AI098271	Novel spectinamide antibiotics for the treatment of MDR/XDR tuberculosis	\$999,980
2014	TUFTS MEDICAL CENTER	MA	R21AI103905	Use of massively parallel sequencing for identification of B. burgdorferi virulen	\$234,650
2014	IMMUNETICS, INC	MA	R43AI108377	Clade C-specific HIV assay to distinguish true infection from vaccine-induced ser	\$299,478
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106833	Regulation of anti-viral T cell responses by IRF4	\$418,126
2014	UNIVERSITY OF MASSACHUSETTS	MA	R56AI110374	Mechanisms of positive and negative thymic selection of CD8 T cells	\$279,029
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI113251	A new Statistical Framework to Tame Selection Bias in Health Sciences	\$285,684
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI108293	Clinic-based Screening to Prevent HIV-associated Cryptococcal Mortality	\$188,192
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI103142	Regulation of neutrophil function by ROS-induced actin glutathionylation	\$438,542
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI109678	Host factors required for Leishmania infection	\$250,500
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI114406	Enhancing mucosal protection through antibody interactions with mucin proteins	\$51,530
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI108718	The translation apparatus of Leishmania: from basic analysis to pursuit of novel	\$366,095
2014	BROAD INSTITUTE INC	MA	U19AI110818	Infectious Disease Genomics: Pathogen Evolution, Emergence, and Host Interaction	\$5,445,286
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	K99AI110649	Molecular signatures of high salt induced pathogenic T cells	\$111,385
2014	TUFTS UNIVERSITY	MA	R01AI113211	Control of Endoplasmic Reticulum Tubule Formation by Legionella pneumophila	\$495,564

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2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI111784	Structural and functional analyses of the RIG-I filament in innate immunity	\$439,792
2014	BOSTON COLLEGE	MA	F32AI108251	Molecular Discovery and Characterization within Toxoplasma Egress Pathways	\$55,094
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI113217	Discovering the Role of Commensal Microbes on Primary B Lymphocyte Development	\$634,264
2014	CUBIST PHARMACEUTICALS, INC	MA	R21AI111097	Novel antimicrobials against multidrug-resistant Neisseria gonorrhoeae infections	\$140,000
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$435,000
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$519,875
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039246	Complement system and humoral immunity	\$477,449
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$1,539,678
2014	BOSTON UNIVERSITY	MA	R01AI048082	Glycobiology of Giardia	\$424,256
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$395,675
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$421,665
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$538,137
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$442,837
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$393,263
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$435,000
2014	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$178,297
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$386,471
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	\$1,078,057
2014	TUFTS UNIVERSITY	MA	R01AI083459	Using natural antibodies to improve vaccines	\$285,031
2014	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$482,625
2014	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,716,544
2014	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$1,136,663
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$410,952
2014	BOSTON UNIVERSITY	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$409,250
2014	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,268,881
2014	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$408,375
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083505	ITK: an emerging target for treatment of T cell-mediated autoimmune disease	\$567,298

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2014	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	\$670,613
2014	MICROBIOTIX, INC	MA	R43AI106093	Inhibitors of isoprenoid synthesis for antibacterial therapy	\$300,000
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	\$565,404
2014	BOSTON UNIVERSITY	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Feve	\$872,644
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$821,189
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$55,094
2014	BROAD INSTITUTE INC	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$456,064
2014	TUFTS UNIVERSITY	MA	F32AI098358	Type VI Protein Secretion in an Emerging Multidrug-Resistant Pathogen	\$58,946
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$414,846
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI089350	Novel Strategy for HIV Drug Resistance Monitoring in Developing Countries.	\$320,061
2014	Forsyth Dental Infirmary for Children Forsyth Institute	MA	F32AI102498	Polymicrobial dynamics in transfer of vancomycin resistance to MRSA	\$53,282
2014	BOSTON UNIVERSITY	MA	UC7AI095321	National Emerging Infectious Diseases Laboratories Operations	\$13,568,475
2014	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	UM1AI069516	Western New England Maternal Pediatric Adolescent AIDS Clinical Trials Unit	\$87,780
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI101807	PGT Inhibitors Mapped From a Tunicamycin Blueprint	\$184,167
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	F32AI108147	The Molecular Mechanism of Tim-3-mediated T Cell Dysfunction	\$12,113
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$349,100
2014	BETH ISRAEL HOSPITAL	MA	R03AI103521	Development of Robust Culture Systems for the Human Splenic Littoral Cell	\$1
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI106468	Limiting HIV-1 persistence by targeting stem cell properties of CD4 T cells	\$261,000
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$549,284
2014	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI091224	Drug Discovery from Slow Growing and Rare Microbial Species	\$986,467
2014	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$398,893
2014	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$435,000
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Novel Genetic Mechanism of Artemisinin Resistance for Malaria	\$683,171
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI103480	Identification of protective pneumococcal antigens from a surface protein library	\$194,354
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis	\$647,771

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2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107020	Self Antigen Specific CD4 Positive T cells	\$410,580
2014	TUFTS UNIVERSITY	MA	R21AI111011	Inhibiting tegumental carbonic anhydrase as a novel treatment for schistosomiasis	\$205,400
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	\$772,503
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI109857	Molecular determinants of N-linked glycosylation in Campylobacter jejuni	\$49,850
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$482,254
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI109172	Blue light for drug resistant skin and soft tissue infections	\$258,397
2014	BRANDEIS UNIVERSITY	MA	R01AI113737	Design of Immunogens to Elicit PGT122 like Antibodies	\$362,154
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI108529	Optimization and In vivo Testing of a Novel Combination HIV Microbicide	\$229,112
2014	BOSTON UNIVERSITY	MA	R03AI114293	Filovirus replication: initiation mechanism and role of RNA secondary structures	\$81,850
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI099142	Role of VentX in macrophage differentiation and mucosal defense	\$280,000
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI112359	Longitudinal analysis of antibody responses to HIV-1: mapping function to genotype	\$51,430
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI104974	Determining unique gene control mechanisms and expression patterns in children wi	\$497,625
2014	MICROBIOTIX, INC	MA	R41AI110091	New heterocyclic inhibitors of filoviruses	\$300,000
2014	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R56AI111823	Mesenchymal stem cells as a protective niche for latent M. tuberculosis	\$619,036
2014	SYMBIOTIX BIOTHERAPIES INC	MA	R41AI110170	Novel commensal polysaccharide treats multiple sclerosis through Treg modulation	\$322,928
2014	BOSTON MEDICAL CENTER	MA	R56AI107821	Global transcriptome analysis of mucosal gonococcal infection	\$580,855
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI104730	Molecular mechanisms of HLA-DM mediated peptide exchange	\$433,385
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI110293	Role of p38 MAPK activation in AIDS pathogenesis	\$881,950
2014	UNIVERSITY OF MASSACHUSETTS	MA	R56AI032725	Immunology of Infection with Neisseria gonorrhoeae	\$583,230
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI116228	Targeting HIV-1 persistence with Interferon-a	\$239,250
2014	BOSTON MEDICAL CENTER	MA	U19AI111276	Biomarkers and Mechanisms of Paucibacillary and Latent Tuberculosis	\$3,087,244
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$752,954
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,938,062
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$430,096
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$429,080
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$411,250
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$660,708

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2014	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$289,500
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$331,522
2014	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$605,629
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$11,016
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$444,500
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: Gene Expression and Regulation in Immune Cells	\$1,436,676
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$501,011
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$715,353
2014	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$999,834
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI081693	Control of virulence gene expression in Francisella tularensis	\$430,650
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$418,238
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$495,582
2014	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$799,333
2014	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,589,966
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$137,085
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$137,970
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$137,160
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$537,822
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$569,518
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$403,750
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$534,907
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$418,750
2014	BOSTON UNIVERSITY	MA	R01AI101057	Guide RNA Binding Complex	\$409,250
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	\$408,430
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI069472	Partners Healthcare Systems/Harvard Medical School/Boston Medical Center AIDS CTU	\$455,841

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$614,723
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI103650	Human Monoclonals to Dengue Virus	\$209,167
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$417,240
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	\$435,000
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI103616	Role of type II NKT cells during M. tuberculosis infection	\$245,145
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106912	Molecular Mechanisms for Antiviral Signal Activation by MDA5 and RIG-I	\$438,958
2014	BROAD INSTITUTE INC	MA	R21AI112704	Development of a small molecule probe targeting non-replicating M. tuberculosis	\$265,500
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$834,830
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI110495	An Autoimmune center of excellence for the study of IgG4-related disease	\$712,878
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI110655	Subcellular Mechanisms for Fungal Phagosome Maturation in Macrophages	\$185,872
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108538	HIV-1 reservoir dynamics in the female genital tract	\$918,476
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$410,000
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI112339	New methods for the design and evaluation of large HIV prevention interventions	\$671,787
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI104780	Role of Peanut Allergen in Urban Schools and Preschools	\$182,996
2014	BOSTON MEDICAL CENTER	MA	R21AI108447	Novel compounds that target HIV latency	\$231,397
2014	BOSTON UNIVERSITY	MA	R01AI113321	Initiation and regulation of RSV mRNA transcription and genome replication	\$414,999
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI113117	A Novel Microfluidic HIV-1 Co-Culture Assay to Quantify Latent Reservoirs	\$226,235
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI104975	S. pneumoniae pilus regulation and host response	\$649,120
2014	DANA-FARBER CANCER INSTITUTE	MA	R56AI109223	Structural Requirements for Broadly Protecting Antibodies to Influenza A & B	\$645,350
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI105024	A miniaturized model of human skin and lymph node for drug discovery and testing	\$442,396
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI113163	Pathogenesis of IgG4 related disease	\$185,220
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$445,336
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$446,250
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$407,138
2014	AMBERGEN	MA	R44AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$998,905
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$518,965
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$508,297

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2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$435,000
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$539,838
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	AAA+ proteolytic machines	\$508,038
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$471,776
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$413,302
2014	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$412,500
2014	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$408,375
2014	TUFTS UNIVERSITY	MA	R01AI056234	Genetic analysis of inflammatory responses in wild-derived mice	\$412,500
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$496,204
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$4,278,137
2014	BOSTON UNIVERSITY	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$1,478,292
2014	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,610,772
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$261,455
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$394,831
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$508,700
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$669,443
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$764,726
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$423,750
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI095109	Engineered lipid vesicles as potent vaccine vectors for HIV	\$319,195
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$382,792
2014	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$473,889
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084884	Mechanisms of anti-fungal immunity mediated by SCARF1 and CD36	\$416,331
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$12,701,831
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$428,584
2014	BOSTON UNIVERSITY	MA	U01AI100015	Rapid Initiation of Antiretroviral Therapy to Promote Early HIV/AIDS Treatment in South Africa	\$535,055
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$2,083,129
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$858,826

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2014	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	\$183,276
2014	BOSTON UNIVERSITY	MA	R21AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFN γ	\$223,112
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI098307	C. elegans immune defense against the P. aeruginosa toxin Exotoxin A	\$55,094
2014	BOSTON UNIVERSITY	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$404,154
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$424,143
2014	NORTHEASTERN UNIVERSITY	MA	R21AI099745	Functional and Molecular Analysis of Scout Cell Awakening	\$200,890
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI101291	Merging Microfluidics and Metagenomics for Novel High - throughout Virus Discovery	\$202,025
2014	MICROBIOTIX, INC	MA	R43AI104046	Aminoglycoside potentiators for P. aeruginosa therapy	\$300,000
2014	BROAD INSTITUTE INC	MA	R21AI105936	A "radical" approach to tuberculosis infection	\$229,839
2014	MATTEK CORPORATION	MA	R21AI104385	Use of a CB2 Ligand to prevent HIV-1 Infection and Transmission	\$221,953
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Assessing measures to eliminate transmission of cholera in Haiti	\$899,151
2014	UNIVERSITY OF MASSACHUSETTS	MA	U19AI109858	CD4 T cells in anti-viral immunity and immune pathology	\$2,368,478
2014	BOSTON COLLEGE	MA	R03AI107475	Organization of Toxoplasma invasion and cell division by EF-hand proteins	\$78,250
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109740	Small molecule inhibitors of enveloped virus entry	\$4,422,325
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI107425	Modulation of Dectin-2 as a Therapeutic Approach to Dust Mite-Elicited Asthma	\$218,302
2014	BOSTON UNIVERSITY	MA	F32AI110023	A Rapid Instrument Free Molecular Diagnostic for B. Pertussis	\$59,054
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI106734	Evolutionary medicine in the development of antimalaria drugs	\$338,000
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI107097	Novel Immunodeficiency caused by TFRC Mutation	\$217,500
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI100023	Improving diagnostic capabilities for typhoid fever	\$344,952
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI113281	Development of a CRISPR interference system for mycobacteria	\$87,875
2014	DANA-FARBER CANCER INSTITUTE	MA	F31AI112404	Investigating HIV-1 Envelope-mediated entry into low-CCR5 expressing cells	\$34,632
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI070926	Virulence mechanisms of group A streptococcal toxins	\$439,583
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110165	Killing the Reservoir with Antibodies	\$235,561
2014	CELLEX THERAPEUTICS INC	MA	R44AI095159	Dendritic Cell-Targeted HIV Vaccine Product	\$999,540
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R33AI098705	Multiplexed targeting of Pseudomonas aeruginosa essential outer membrane proteins	\$427,455
2014	BOSTON UNIVERSITY	MA	R01AI108680	Integrated Clinical Prediction Rules: Bringing Evidence to Diverse Primary Care Settings	\$743,552

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2014	BOSTON MEDICAL CENTER	MA	R01AI108541	Biomarkers for Muscle Function and Aging in Chronic HIV Infection	\$830,350
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R34AI108522	Dose Finding Study of Busulfan for Newly Diagnosed Infants with SCID	\$258,221
2014	HELIXBIND INC	MA	R43AI109913	A Culture-Free Platform for Rapid Pathogen Identification	\$299,310
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K99AI108793	Dissecting inflammasome anatomy: mechanistic studies and potential intervention	\$119,869
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110854	The human innate B cell niche and role in efferocytosis	\$0
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI113333	Innate Immune Defense Mechanisms in the Intestine	\$503,726
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI111918	Inflammation and the vaginal metagenome in HIV acquisition	\$690,399
2014	IMMUNETICS, INC	MA	R44AI091291	Rapid point of care test for Lyme serodiagnosis based on novel ultra sensitive de	\$1,000,000
2014	UNIVERSITY OF MASSACHUSETTS	MA	U01AI118161	Vaccines and Immunotherapeutics against gonorrhea in the contex of Chlamydia co	\$525,503
2014	TUFTS MEDICAL CENTER	MA	U01AI109656	Searching for Persistence in Lyme Disease	\$817,356
2014	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$442,247
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$619,514
2014	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,687,624
2014	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$1,904,294
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$402,002
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$713,860
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$459,182
2014	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$564,376
2014	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$561,050
2014	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$763,538
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$767,357
2014	BOSTON MEDICAL CENTER	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$121,126
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$438,542
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$137,160
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI086134	Thymic Rejuvenation for the Induction of Transplantation Tolerance	\$422,591

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2014	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$430,650
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081843	Significance of Bacteroides fragilis polysaccharide phase variation	\$385,952
2014	SPRING BANK TECHNOLOGIES INC	MA	R01AI094469	Preclinical Development of SB 44 as an Orally Bioavailable Anti-HBV Agent	\$856,160
2014	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$608,111
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$1,214,907
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI102590	Label-free HIV-1 Viral Load Measurement through a Contactless Electrode Microchip	\$56,978
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$683,408
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$399,869
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	\$323,000
2014	MICROBIOTIX, INC	MA	R01AI099269	Validating targets in p. aeruginosa type III secretion using chemical probes	\$851,764
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$403,750
2014	BETH ISRAEL HOSPITAL	MA	R01AI095308	Characterization of new Ca ²⁺ channels that underpin immunological decision making	\$435,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI107678	Laser-based powder vaccine delivery for improved newborn immunization	\$242,500
2014	TUFTS UNIVERSITY	MA	F31AI108217	Forward Genetic Analysis of type I interferon responses to cytosolic nucleotides	\$38,272
2014	UNIVERSITY OF MASSACHUSETTS	MA	R03AI103521	Development of Robust Culture Systems for the Human Splenic Littoral Cell	\$83,626
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106478	Mechanism of Potent Neutralization of HIV by IgA CD4i Antibody	\$364,644
2014	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$802,036
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	\$403,750
2014	TUFTS MEDICAL CENTER	MA	R21AI097855	Analysis of Tgsl, a novel regulator of macrophage survival	\$198,750
2014	BETH ISRAEL HOSPITAL	MA	R21AI101170	Role of NK Cells in GBV-B Infection: Modeling HCV Clearance and Control	\$217,500
2014	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$186,359
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101048	Plasticity of T helper cell differentiation	\$418,333
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	\$441,458

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2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI106540	In vivo suppression of SIV-mediated immune activation	\$216,742
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI111809	Boosting cell-intrinsic innate immune recognition of HIV-1 by dendritic cells	\$602,424
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI110522	Antimicrobial Chemicals in Allergic Disease	\$181,530
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI108690	Deconstructing how the microbiota influences the mucosal innate immune system	\$179,631
2014	BOSTON COLLEGE	MA	R21AI099658	The role of the DOC2.1 protein in Toxoplasma gondii Ca2+- dependent exocytosis	\$234,750
2014	TUFTS UNIVERSITY	MA	R21AI107587	Stx-mediated disease and immunomodulatory effectors of enterohemorrhagic E.coli	\$170,625
2014	UNIVERSITY OF MASSACHUSETTS	MA	R13AI112239	18th International Symposium on Infections in the Immunocompromised Host	\$8,000
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI106701	Laboratory Center, AIDS Clinical Trials Group (ACTG); LC 2 / 3	\$6,366,878
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F30AI110053	Elucidation of structure and dynamics of bacterial biofilms by particle tracking	\$47,676
2014	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI107721	Methods for Safety Evaluation of Vaccination Schedules	\$392,999
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI114223	Function of DepTOR in T Cell Activation and Alloimmunity	\$219,792
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI112960	Function and mechanism of the HCV p7 channel and its therapeutic potential	\$507,639
2014	MICROBIOTIX, INC	MA	R43AI113971	Novel Inhibitors Targeting Early Steps of Human Cytomegalovirus Replication	\$293,541
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R03AI111416	Modeling atomic structure of the EmrE multidrug pump to design inhibitor peptides	\$84,500
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI111713	Targeting cell separation systems of gram-negative bacteria.	\$230,932
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113484	Shigella repression of innate immunity early during infection	\$261,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113949	PIPs: a new means to identify effector-target interactions	\$217,500
2014	TUFTS UNIVERSITY	MA	R01AI113075	Cardiac Cell Entry-Inhibition and Protection Therapy for Chronic Chagas Disease	\$441,456
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109436	Vibrio cholerae colonization of the fly rectum and activation of natural competen	\$263,750
2014	SEMINEX CORPORATION	MA	R41AI114012	Development of small near-infrared laser system capable of improving immune respo	\$146,905
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$417,500
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$647,245
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$229,450

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2014	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$256,944
2014	TUFTS UNIVERSITY	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$633,943
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$482,825
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$428,640
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$711,135
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$602,779
2014	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$435,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,435,776
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$391,592
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$416,276
2014	FRAUNHOFER USA INC	MA	R01AI090815	Bacterial Drug Susceptibility Identification by Surface Enhanced Raman Microscopy	\$765,287
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	\$133,515
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$413,398
2014	BOSTON UNIVERSITY	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	\$407,281
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$529,109
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081842	Molecular Mechanisms of Rhabdovirus Entry	\$413,330
2014	BETH ISRAEL HOSPITAL	MA	K23AI085181	Dermatotropic cellular immune responses induced by a novel smallpox vaccine	\$128,931
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$2,351,111
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	\$790,290
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$380,430
2014	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$3,756,870
2014	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$430,650
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$9,033,216
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$1,174,281
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$441,345
2014	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	\$785,489
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$1,047,550
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	\$2,045,480

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2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$495,425
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type 1 diabetes	\$411,250
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$136,568
2014	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$7,888,838
2014	MICROBIOTIX, INC	MA	R44AI082799	Novel Methylenecyclopropane Analogues as Anti-Human Herpesvirus 6 and 8 Agents	\$1,000,000
2014	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$391,500
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R21AI107248	Identification of infection-critical S. aureus traits by TnSeq	\$205,000
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$507,713
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI102660	Tuning Fc-effector functions of HIV-specific antibodies	\$842,668
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	\$403,750
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$437,917
2014	MICROBIOTIX, INC	MA	R44AI072861	Identification of Novel Broad Spectrum Influenza Virus Inhibitors	\$945,791
2014	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$692,202
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$563,882
2014	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$428,683
2014	BOSTON UNIVERSITY	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$101,898
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI103688	IDO & phenotypic switching of VSMC in transplant vasculopathy	\$257,983
2014	BOSTON UNIVERSITY	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$1,342,713
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$474,296
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI105328	A forward genetic screen to identify determinants of malaria stage conversion	\$194,608
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI106878	O-Specific Polysaccharide Responses and Cholera	\$552,123
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	\$185,220
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109764	Innovative Platforms for Antimicrobial Therapy and Vaccine Development	\$4,937,887

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$542,157
2014	BOSTON UNIVERSITY	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$409,250
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI110277	Microfluidic PCR Method to Identify and Characterize HIV-Infected Single Cells	\$226,201
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI029873	Molecular Biology of HIV-Gag Proteins	\$574,481
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI105013	Control of fimbrial gene expression in Pseudomonas aeruginosa	\$437,917
2014	BETH ISRAEL HOSPITAL	MA	K23AI114381	Diversity of Immune Responses Elicited by HIV Vaccines	\$145,636
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI110524	Improving clinical, operational and economic outcomes related to MRSA	\$136,698
2014	ARIETIS CORPORATION	MA	R44AI112187	Antibiotics for Recalcitrant Infection	\$300,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI108629	Interferon Effector Gene Activation to Circumvent Viral Impedance	\$186,192
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI112521	Mechanisms and Immunological Consequences of Host-Virus Interactions	\$1,972,162
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI112438	Evaluating health and economic effects of targeted strategies in TB/HIV	\$699,379
2014	IMMUNETICS, INC	MA	R21AI111297	Characterization of Innate Binding Specificities of Peptidoglycan Binding Protein	\$243,150
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI108125	CCR8 positive T cells and chronic allergic inflammation in asthma	\$63,122
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI105607	Control of Treg Homeostasis and Function by the Lipid Phosphatase PTEN	\$198,275
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI113798	Natural IgM Sensing of DAMPS	\$263,500
2014	MICROBIOTIX, INC	MA	R43AI113993	Small Molecule Inhibitors of trans-Translation with Broad Spectrum Antibacterial	\$295,584
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI112652	Global regulators converge to orchestrate metabolism, biofilm, and pathogenesis	\$470,690
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI109232	Role of Myeloid Derived Suppressor Cells in intestinal inflammation	\$263,750
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI110630	Gut microbiome influences on autoimmune disease	\$423,750
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI116205	Targeting latent HIV-1 Reservoirs with the Antibody-Drug Conjugate, Brentuximab Vedotin	\$224,439
2014	WESTERN NEW ENGLAND UNIVERSITY	MA	R15AI107668	Inhibitory effects of curcumin on Th2 sensitization and mast cell function in a m	\$348,469
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI112711	Sulfur DNA modifications in gut microbes confer resistance to oxidative stress	\$195,000
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI103806	Listeria Monocytogenes Infection of the Brain	\$211,875
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI113141	Initiation and regulation of antibacterial innate immunity	\$455,833

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2014	BOSTON UNIVERSITY	MA	R56AI113927	Rapid Molecular Diagnostic for Chlamydia and Gonorrhea at the Point-of-Care	\$403,818
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI110164	Characterization of follicular dendritic cells as a reservoir for HIV	\$263,875
2014	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$460,248
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$473,931
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,750
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$405,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$411,320
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$423,878
2014	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$657,924
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$408,796
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$446,250
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$434,475
2014	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$134,066
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$366,424
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$418,334
2014	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$236,940
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$423,750
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$137,025
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$417,292
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081990	The Abeta protein of Alzheimer's Disease is an antimicrobial peptide	\$438,075
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$405,126
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,158,199
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$387,585
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099473	Human copy number polymorphism and severe malaria	\$598,374
2014	TUFTS MEDICAL CENTER	MA	R01AI083459	Using natural antibodies to improve vaccines	\$138,673
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081846	Regulation of chronic viral infection by co-inhibitory pathways	\$134,927
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	\$133,515
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$708,793
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$603,518

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2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$137,160
2014	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	\$1,058,736
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	\$413,631
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	\$417,990
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI100501	Utilizing a novel liquid-killing assay to gain insight into C. elegans immunity	\$56,978
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$938,407
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The role of hepxilin A3 in neutrophil breach of the Infected airway mucosa.	\$439,285
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	\$496,442
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI103055	Innate and early B cell responses to V. cholerae	\$820,657
2014	ARIETIS CORPORATION	MA	R44AI102452	Narrow-spectrum Agents Acting against Helicobacter pylori	\$1,000,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI103882	Anti-inflammatory promoting commensal E. coli	\$257,875
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$421,414
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$2,465,248
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$856,882
2014	BETH ISRAEL HOSPITAL	MA	R21AI103612	Ultrasensitive quantitative digital ELISA for C. difficile toxins in stool	\$215,007
2014	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$393,828
2014	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$125,643
2014	MICROBIOTIX, INC	MA	R41AI112045	New small molecule inhibitors of arenaviruses	\$300,000
2014	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$418,750
2014	UNIVERSITY OF MASSACHUSETTS	MA	F32AI108414	Molecular and functional correlates of HIV-1 transmission in MTCT	\$55,094
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	\$185,090
2014	PRIME BIO INC	MA	R03AI103868	Botulinum Neurotoxin Trafficking and Tissue Distribution with Mouse Body Imaging	\$70,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI102769	Development of Vectored ImmunoProphylaxis as a strategy against HIV	\$156,632
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102907	Molecular characterization and substrate identification of malaria kinase PfCDPK5	\$437,917
2014	IMMUNETICS, INC	MA	R44AI098567	Rapid Test for Recent HIV Infection	\$1,000,000

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2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U19AI109755	Integrated discovery and development of innovative TB Diagnostics	\$5,956,642
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI104287	Mycobacterial single cell drug susceptibility	\$53,282
2014	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$576,293
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI111728	Novel immunotherapeutics against multi-drug resistant Neisseria gonorrhoeae	\$208,854
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI106400	Characterization of the antiviral activity of BCA2	\$20,027
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI114448	Predictors of HIV Control after Antiretroviral Treatment Interruption	\$283,094
2014	MINERVA BIOTECHNOLOGIES	MA	R43AI109919	Novel therapeutic for hematopoietic stem cell regeneration in bone marrow post my	\$209,520
2014	DAKTARI DIAGNOSTICS, INC.	MA	R44AI106215	Development of a Microfluidic Point-of-Care HCV Viral Load Assay	\$153,249
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI107551	SOX4 and SOX13 control early steps of invariant NKT cell differentiation	\$251,250
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI113458	Laser-facilitated powder-allergen delivery for epicutaneous immunotherapy	\$252,209
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI101545	Bacterial cell envelope in polar positioning of autotransporter proteins	\$217,500
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI110787	Multigenerational lineage heterogeneity and metabolic plasticity of CD8 T cells	\$234,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI112493	Learning from attenuated CMV how to broaden HIV-specific T cell responses	\$531,382
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI113083	Tim3 is a novel regulator of dendritic cell-T cell interactions in influenza	\$185,792
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111395	Characterization and Development of a Cross Spectrum Anti-Dengue Antibody	\$750,000
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI104755	The mechanism of Shigella flexneri adherence during the early infection process	\$162,000
2014	UNIVERSITY OF MASSACHUSETTS LOWELL	MA	R21AI109896	Maltoheptaose based nanotherapeutics for multidrug resistant bacterial infection	\$204,975
2014	TUFTS UNIVERSITY	MA	R56AI110684	Mammalian cell collaboration with bacterial type III secretion	\$401,914
2014	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI108042	Selective agents against C. difficile infection	\$299,684
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$335,197
2014	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$164,200
2014	UNIVERSITY OF MASSACHUSETTS	MA	T32AI007349	Training in Immunology and Virology	\$162,827
2014	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$430,652
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI053330	Human Decidual Leukocytes and Their Placental Ligands	\$499,560
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$419,513

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2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$677,181
2014	DANA-FARBER CANCER INSTITUTE	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$1,179,735
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$729,772
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$162,162
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI083510	Functional role of RAG2 H3K4me3 interaction in V(D)J recombination	\$438,075
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$435,000
2014	BOSTON UNIVERSITY	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$2,557,744
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$455,381
2014	NETWORK BIOSYSTEMS INC	MA	R44AI084206	A Rapid Point-of-care Diagnostic for C. trachomatis STDs	\$1,000,000
2014	BOSTON UNIVERSITY	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	\$157,150
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI107360	Restoring Immune Function Following Radiation Injuries by TLR9 Agonist Treatment	\$659,526
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI101010	Epidemiology and modeling of the population dynamics of influenza and antimicrobi	\$126,873
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI103407	Regulation of NETosis in antibacterial lung defense	\$175,500
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$131,637
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$239,227
2014	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$380,250
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$435,000
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI104170	Investigating the role of inflammasome activation in the control of T. gondii	\$42,676
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$182,876
2014	UNIVERSITY OF MASSACHUSETTS	MA	R33AI087191	Production of neutralizing mAbs from HIV vaccinees	\$487,425
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$1,125,496
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$824,896
2014	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	K24: Midcareer Investigator Award: Urban School Allergen Exposure and Childhood Asthma	\$183,061
2014	TUFTS UNIVERSITY	MA	R21AI107640	Role of Bile Acids in Human Susceptibiity to Clostridium difficile Infection	\$195,710
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$808,147

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2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI108329	The ethics of electronic adherence monitoring for HIV research and care in Uganda	\$294,988
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	\$136,440
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI103676	The cellular filopodia mechanism in Shigella membrane protrusion formation	\$216,908
2014	BOSTON UNIVERSITY	MA	R21AI103484	Trehalose-6-phosphate phosphatase: a target for anti-onchocerciasis therapeutics	\$196,821
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI108144	Interrogating the Cellular Mechanisms of Host-Pathogen Interactions during IBD	\$51,530
2014	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI111860	T-cell-mediated targeting of therapeutics to HIV reservoirs	\$436,887
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI104344	Same-Day HIV Testing and Treatment Initiation to Improve Retention in Care	\$611,547
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	\$186,192
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI110264	Test and Treat TB: A Proof of Concept Trial in South Africa	\$272,656
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI107087	Argonaute proteins in the mammalian antiviral response	\$435,000
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI106934	Nuclear Sensing of Herpesviral DNA	\$443,487
2014	TUFTS UNIVERSITY	MA	R01AI113166	Initiation and regulation of antibacterial innate immunity	\$481,501
2014	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI101348	Modulation of chronic Th2 inflammation by the CCR8 receptor-ligand pathway	\$423,900
2014	UNIVERSITY OF MASSACHUSETTS	MA	R21AI112321	Retrogenic humanized mice for the study of T1D	\$271,354
2014	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI114617	HIV cure studies: risk, risk perception, and ethics	\$527,747
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI109850	Phosphorylation and acetylation of secreted bacterial proteins: a new regulatory	\$55,094
2014	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI114235	Early Infant Treatment	\$979,999
2014	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI113046	Regulatory iNKT cells suppress inflammation	\$423,063
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI112489	Small-Molecule Fusion Inhibitors Targeting a Fusion Intermediate State of HIV-1 g	\$439,583
2014	BOSTON UNIVERSITY	MA	R21AI112887	Mechanisms of phagocytic cell defects induced by inhibitory IgG	\$245,550
2014	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI109855	Regulation of Expression and Immunity in the Enterococcus Faecalis Cytolysin	\$51,530
2014	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$822,004
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$555,790
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$371,250

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2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,151,810
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$400,950
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$405,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$297,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$221,646
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$108,941
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$473,827
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	\$1,427,719
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$596,360
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$633,628
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$280,975
2014	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$750,866
2014	N & N SCIENTIFIC INC	MD	R44AI078540	N-Methanocarbathymidine (N-MCT) for the treatment of herpes and pox virus infecti	\$879,710
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069406	Southern Asia HIV/AIDS Clinical Trials Unit	\$639,031
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$742,309
2014	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$1,100,257
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102966	Advancement of a Defined, Protective, Live Attenuated Tularemia Vaccine	\$707,728
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	\$878,832
2014	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$185,121
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI110229	Genetic Polymorphisms in Rhesus Macaque FcRn and Association with IgG Levels	\$76,750
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F30AI114195	The effect of malaria during pregnancy on infant susceptibility to malaria	\$36,502
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI111992	Integrative Pharmacology Approach to Understand Mechanisms of TB Drug Resistance	\$659,598
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI110627	EXPLORATION OF PROTECTIVE IMMUNITY INDUCED BY SALMONELLA COPS: FLIC CONJUGATES	\$379,470

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2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$405,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	\$1,455,229
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$377,783
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,327,323
2014	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	\$999,994
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$229,450
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI089830	The Role of EOS in Regulatory T-cell Biology.	\$405,900
2014	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$14,793,228
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI091869	Investigation of the Role of TGF Beta in TH2-Mediated Disease	\$134,325
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$129,465
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	\$688,129
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093653	Rickettsial Immunity During Tick Transmission	\$372,520
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102680	FcRn-targeted mucosal HIV vaccine	\$746,981
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	\$558,148
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI106031	Comparative Effectiveness of Rapid TB Diagnostics in Uganda	\$197,402
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$374,360
2014	UNIVERSITY OF MARYLAND	MD	R21AI105655	The electrophysiology of facultative pathogens	\$178,316
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI102659	Circulating Cellular and Extracellular Noncoding RNAs in HIV-1 Elite Suppression	\$240,739
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI099734	Role of a schistosome cysteine protease in Th response polarization	\$229,534
2014	SANARIA INC	MD	R43AI112165	Automating mosquito microdissection for a malaria PfSPZ vaccine	\$299,999
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI110045	Structure and Function of Type IV Pili in Clostridium difficile	\$53,282
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109187	B Cell immunodeficiency in BENTA disease	\$226,908
2014	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI112237	FASEB SRC on post-transcriptional control of gene expression: Mechanisms of mRNA	\$9,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI107028	Predictors of cardiomyopathy progression in a Chagas disease cohort in Bolivia	\$672,642

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2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI109259	Molecular pathogenesis and host response following persistent E6/E7 expression	\$202,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI114438	Evaluating Demand Generation (Stylish Man) for HIV/Family Planning Services Rakai	\$828,091
2014	SANARIA INC	MD	R44AI088853	Cryopreservation of Anopheles Embryos	\$999,998
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$283,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$405,900
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$355,925
2014	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$444,726
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$2,500,335
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$631,430
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$371,250
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$528,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI097417	Influenza A Virus Infection of Human Nasal Epithelial Cells	\$405,000
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$7,306,283
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	\$135,945
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069482	Johns Hopkins University-Guangxi, China Clinical Trials Unit	\$317,464
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$3,242,024
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI095981	Vitamin A-Mediated Protection in Measles	\$243,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI100656	Markers of Long-Term Suppression of HIV in Pre-adolescents treated from Infancy	\$321,193
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI106491	Phenotypic analysis of latently infected CD4+ T cells.	\$202,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI103379	Mitochondrial DRM targeting by HHV-8 viral interferon regulatory factor-1	\$202,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI106613	The Role of Cell Wall Lipids in Pathogenesis of Rifampin-Resistant TB	\$282,898
2014	BIOLOGICAL ANTI-INFECTIVE MEDICINES LLC	MD	R41AI106375	Humanized Monoclonal Antibodies to Treat Acinetobacter Infections	\$285,895
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI110820	Host, Pathogen, and the Microbiome: Determinants of Infectious Disease Outcome	\$3,926,048
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI108907	Influenza vaccine failure in adults over age 75: role of chronic CMV infection	\$485,624

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2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI113313	Modifying T Cell Responses by Combinatorial Targeting of Negative regulators	\$383,750
2014	AKONNI BIOSYSTEMS INC	MD	R44AI085650	Diagnostic array for aseptic encephalitis	\$999,998
2014	J CRAIG VENTER INSTITUTE INC	MD	U19AI110819	The J. Craig Venter Institute Genome Center for Infectious Diseases	\$5,620,569
2014	MEDIGEN INC	MD	R01AI111532	Broad-Range VLP Vaccine Against H5N1 Influenza	\$350,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI105619	Midgut Transcriptome and Proteome Analyses: Non-model Anopheline Malaria Vectors	\$213,838
2014	PROFECTUS BIOSCIENCES INC	MD	R44AI114319	An HIV Vaccine Strategy Based on Priming with rVSV Expressing FLSC	\$300,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$340,808
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$176,113
2014	JOHNS HOPKINS UNIVERSITY	MD	K24AI085118	Patient Oriented Research in Transplant and Oncology ID	\$199,014
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI080974	Molecular Epidemiology of the Vaginal Microbiome	\$128,835
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,479,885
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	\$640,986
2014	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	\$371,250
2014	UNIVERSITY OF MARYLAND	MD	R01AI094773	Profiling the Leishmania-macrophage Host-pathogen Infectome	\$623,093
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K25AI087968	Single Molecule Studies of HIV Envelope Properties	\$111,186
2014	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,819,995
2014	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$333,871
2014	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$1,553,871
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$592,090
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	\$136,739
2014	UNIVERSITY OF MARYLAND	MD	R21AI107230	A genetic resource for Anopheles immunity research	\$190,000
2014	SANARIA INC	MD	R43AI104129	Attenuated malaria sporozoite vaccine using a P. falciparum blood-stage auxotroph	\$299,998
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	\$383,750
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$911,546

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2014	UNIVERSITY OF MARYLAND	MD	R01AI106998	A semi field trial test on efficacy of transgenic antimalarial biocontrol fungi	\$289,885
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$438,858
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI109657	Prospective Cohort Study of Cryptococcosis	\$666,721
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI103857	Mechanisms of Host Adaptation for Candida albicans	\$200,934
2014	SANARIA INC	MD	R43AI108052	Chloroquine Sensitive Plasmodium falciparum for MultiValent Vaccine & Challenge	\$297,678
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107537	Bridging KSHV capsids to the nuclear egress complex	\$202,500
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107530	How does the KSHV small capsid protein function to promote self-assembly?	\$202,500
2014	SIGMOVIR BIOSYSTEMS INC	MD	R41AI109926	Development of VPL Vaccine for RSV	\$225,000
2014	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$1,153,802
2014	J CRAIG VENTER INSTITUTE INC	MD	R21AI109418	Combinatory Genomic Assembly to Assess HSV-1 Phenotypes	\$296,846
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI113910	The use of genetically humanized IL-10 mice to determine the molecular basis of allele-specific gene expression and disease susceptibility	\$405,000
2014	SCANOGEN INC	MD	R43AI109930	Twist-Sensor: Novel microarrays for multiplex detection of drug resistance	\$299,940
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI109776	Immunoprophylactic Strategies to Control Emerging Enteric Infections	\$4,894,397
2014	JOHNS HOPKINS UNIVERSITY	MD	R03AI109297	Manganese-iron interactions in the Lyme disease pathogen Borrelia burgdorferi	\$81,000
2014	JOHNS HOPKINS UNIVERSITY	MD	U19AI113127	Development of Rectal Enema As Microbicide (DREAM)	\$3,570,666
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI112838	Age and testosterone effects on responses to influenza infection and vaccination	\$243,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R56AI114458	Assessing Social Value in Economic Evaluation to Scale Up Novel TB Drug Regimens	\$302,298
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U19AI113170	The Atlantic Coast Sexually Transmitted Infection Cooperative Research Center (AC)	\$1,230,985
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI114405	Towards complete sustained release nanoformulations of NRTI based regimens	\$662,278
2014	JOHNS HOPKINS UNIVERSITY	MD	R56AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$382,789
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$1,824,659
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI046223	AIDS Opportunistic Infections: Virulence of C. glabrata	\$405,900
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$705,227
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$424,613

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2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$198,655
2014	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$243,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$379,781
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI084984	Leukotrienes and blood-brain barrier	\$405,900
2014	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$592,657
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI083099	CAUSES OF AND ASSOCIATIONS WITH DEATH DURING LONG TERM HAART IN AFRICA	\$134,325
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	\$305,237
2014	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	\$128,453
2014	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094906	2011-15 FASEB Summer Conference on Autoimmunity	\$1
2014	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$1,182,666
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI097138	Biomarkers and Signaling in Tuberculosis	\$613,683
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$136,754
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093635	Immuno-epidemiological epitope mapping of a blood stage malaria vaccine antigen	\$576,424
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UM1AI069447	Institute of Human Virology Clinical Trials Unit	\$72,593
2014	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	\$725,317
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$410,000
2014	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$2,876,353
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$383,750
2014	SANARIA INC	MD	R44AI077262	Transgenic Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$955,385
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101685	Immunotherapeutic Potential of Modified Lipooligosaccharides and Lipid A's	\$230,225
2014	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	\$937,397
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI107634	A Bioengineerable Self-adjuvating Nanoparticle for Antigen Delivery	\$76,750
2014	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$435,034
2014	JOHNS HOPKINS UNIVERSITY	MD	R33AI094519	Mucus Penetrating Particles for Rectal Microbicides	\$472,556

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2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI106586	HBV Response to Tenofovir or Lamivudine-Based ART in HIV-HBV Co-Infected Chinese	\$195,877
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI108535	Toxin-antitoxins & RpsA in TB drug resistance & persistence with HIV	\$243,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI110844	The autophagic pathway and atopic asthma: role of IL-33 and ST2	\$243,000
2014	JOHNS HOPKINS UNIVERSITY	MD	K25AI114461	Multilevel determinants of male circumcision uptake, Rakai, Uganda	\$129,802
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI110214	Susceptibility of antigen-specific CD4 T cells to HIV: implications for HIV vacci	\$217,296
2014	JOHNS HOPKINS UNIVERSITY	MD	R56AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$151,875
2014	UNIVERSITY OF MARYLAND	MD	R21AI107377	Inhibition of the host cell AIM2 inflammasome by Mycobacterium tuberculosis	\$226,854
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI110324	HIV Incidence, Transmission Dynamics and Combination HIV Prevention: Rakai Uganda	\$921,032
2014	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$4,349,050
2014	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$466,227
2014	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$290,353
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$423,954
2014	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$442,864
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$211,512
2014	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$1,000,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$571,175
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,709,545
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI090727	Post Genome-Wide Association Study of Food Allergy	\$393,090
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$384,615
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$1,521,130
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$744,486
2014	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$1,450,791
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	\$424,944

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2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI107085	Temporal Trends in Food Sensitization in U.S. Children	\$121,500
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$2,623,152
2014	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	\$185,121
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101713	Genome-wide studies to identify markers of artemisinin-resistant malaria	\$454,763
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$673,561
2014	UNIVERSITY OF MARYLAND	MD	R21AI103797	Interaction of Neisseria gonorrhoeae with polarized human endocervical epithelial	\$228,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101691	Development of a Rationally Attenuated Live Vaccine for Francisella tularensis	\$230,250
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI107224	Vaginal microbiota, immune responses and vulvovaginal symptoms during menopause	\$234,311
2014	SANARIA INC	MD	U01AI109700	PfSPZ Challenge with Chemoprophylaxis: Phase 1 Trial to Assess Liver Stage Drug	\$98,499
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$442,767
2014	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI112232	FASEB SRC on Virus Structure and Assembly	\$8,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI109405	Transcriptional Control of Helicobacter pylori Virulence	\$227,869
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI114236	The Latent HIV Reservoir in Early-treated Thai Children	\$520,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI047466	Immunopathogenesis of Lupus	\$184,920
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI112351	Persistence and Fate of Invisible U/A Pairs in HIV-1 Proviral DNA	\$166,485
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$185,558
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI104488	A Nurse Case Management Intervention to Improve MDR-TB/HIV Coinfection Outcomes	\$671,273
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$369,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$378,132
2014	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$334,125
2014	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$1,000,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus	\$695,997
2014	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$380,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087181	Broadly Neutralizing Monoclonal Antibodies Against HIV-1	\$547,121
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$730,076
2014	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$64,706
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI084854	Universal Screening of HIV-Infected Persons for Gonorrhea and Chlamydia	\$134,165
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$730,270
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$3,714,154
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI100031	Enhanced Provision of Male Circumcision for HIV Prevention, Rakai, Uganda	\$1,269,599
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$405,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$554,928
2014	UNIVERSITY OF MARYLAND	MD	R21AI106059	NDV-vectored Lyme disease vaccines	\$228,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI102798	Identification of novel anti-HIV inhibitors based on Vif-E3 activity	\$202,500
2014	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$182,779
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	\$388,884
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI106508	Cell Surface Marker Combinations to Identify Latently Infected CD4+ Cells In Vivo	\$400,341
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI114288	Long-Term Inhibition of HIV transcription by targeting cellular CDK9 in vivo.	\$230,250
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI109817	Vitamin D Deficiency, Inflammation and Age-related disease in HIV-Infected Men	\$179,478
2014	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI112230	FASEB SRC on Biology of The Immune System	\$8,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI110220	HIV Infection in Bone Marrow: A Reservoir for Viral Persistence	\$230,250
2014	PAPIVAX LLC	MD	R43AI112421	Therapeutic/preventive vaccination against MusPV	\$299,802
2014	UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	MD	R21AI109470	Defining glomerulus-homing peptides for targeted drug delivery in lupus nephritis	\$191,875
2014	PROFECTUS BIOSCIENCES INC	MD	R44AI110315	Optimization of a Therapeutic HIVSIV Multi-Antigen DNA Vaccine	\$300,000
2014	UNIVERSITY OF MARYLAND	MD	R56AI114269	Characterization of a novel signal transduction pathway in M. tuberculosis	\$573,452
2014	BIOLOGICAL MIMETICS, INC	MD	R44AI085683	Development of the first HRV vaccine	\$923,094

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2014	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI112189	FASEB SRC ON MICROBIAL GLYCOBIOLOGY	\$3,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R56AI080328	CD8+ T cell mediated inhibition of HIV-1 replication in Elite Suppressors	\$405,000
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI109062	Lineage Commitment of Mesenchymal Stem Cell in Allergen-induced Airway Remodeling	\$243,000
2014	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R13AI114224	2014 International Pathogenic Neisseria Conference	\$11,000
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R56AI111205	Multivalent Toxoid Vaccine for Prevention of S. aureus Invasive Diseases	\$646,748
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI113896	Synthetic HIV Vaccine Targeting Glycopeptide Neutralization Epitopes	\$485,220
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$253,125
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$452,897
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$303,930
2014	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,211,156
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$50,000
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$124,661
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087865	Human Microbiome and Healthcare Associated Infections	\$280,185
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	\$134,730
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI098167	The role of mitochondrial reactive oxygen species in innate immune signaling	\$55,094
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$755,415
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$58,237
2014	IMQUEST BIOSCIENCES INC	MD	R33AI088586	Development of a novel nanoparticle pyrimidinedione vaginal polymeric film as an	\$391,072
2014	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$970,588
2014	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	\$42,676
2014	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$2,928,493
2014	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulitis in Autoimmune Diabetes	\$405,000
2014	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$260,506
2014	UNIVERSITY OF MARYLAND	MD	R21AI101911	Structural Analysis of the TCR-CD3 Receptor Complex	\$190,000

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2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI105881	Structure and Role in Disease of Clostridium difficile Type IV Pili	\$189,303
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$387,575
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI111739	Development of an Oral Carbapenem Drug for Treatment of Drug Resistant TB	\$236,056
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI108024	Immunotherapeutics to prevent HCV reinfection	\$300,000
2014	UNIVERSITY OF MARYLAND	MD	R03AI103894	Cellular processing and role of a surface antigen in borrelial pathogenesis	\$68,400
2014	JOHNS HOPKINS UNIVERSITY	MD	K01AI100681	Cost-Effectiveness of ED HIV Testing Program Agent-Based Modeling Approach	\$132,182
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI103599	Lipidated Mycobacterium tuberculosis biomarkers in clinical specimens	\$1
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI101680	Pilot studies of the molecular epidemiology of drug-resistant malaria in Myanmar	\$64,388
2014	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI041428	Migration and Trafficking in Tolerance	\$268,625
2014	JOHNS HOPKINS UNIVERSITY	MD	U01AI100952	The Role of CD32 in the Basophil Response to Specific Immunotherapy	\$405,000
2014	JOHNS HOPKINS UNIVERSITY	MD	F32AI110028	The POA-RpsA interaction in trans-translation inhibition in M. tuberculosis	\$51,530
2014	PROFECTUS BIOSCIENCES INC	MD	R43AI114331	Optimization of an innate immune stimulating adjuvant for an HIV DNA vaccine	\$238,756
2014	JOHNS HOPKINS UNIVERSITY	MD	R21AI113147	Novel methods for measuring the reservoir of inducible HIV-1 proviruses in restin	\$243,000
2014	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI106162	In vivo conjugated multivalent toxoid-polysaccharide vaccine for S. aureus	\$300,000
2014	BOWDOIN COLLEGE	ME	R15AI090633	Role of genome plasticity in Candida albicans host-pathogen interactions	\$366,256
2014	Regents of the University of Michigan	MI	R01AI046675	Microneme function in Toxoplasma	\$342,165
2014	Regents of the University of Michigan	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$338,156
2014	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	\$1,299,661
2014	Regents of the University of Michigan	MI	U01AI088671	International Collaborations in Infectious Disease Research (ICIDR) (U01)	\$691,145
2014	Regents of the University of Michigan	MI	F32AI102552	Proteus mirabilis swarming: Initiation and role during urinary tract infection	\$55,094
2014	Regents of the University of Michigan	MI	R21AI105362	Treponomics: enhanced tools for genetic manipulation in spirochetes	\$194,323
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI105499	Increasing efficacy of an Adenovirus vaccine targeting Clostridium difficile usin	\$185,696
2014	Regents of the University of Michigan	MI	R03AI105029	Enhancing Killer B Lymphocyte Function as a Treatment for Allergic Asthma	\$77,750

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2014	Regents of the University of Michigan	MI	R21AI111638	Development of adjunctive therapies directed at S. aureus amidases	\$3,777
2014	Regents of the University of Michigan	MI	R21AI116190	High throughput analysis of latency/reactivation with barcoded proviruses	\$194,271
2014	Regents of the University of Michigan	MI	R21AI107184	Genome-wide identification of virulence genes in Acinetobacter baumannii in vivo	\$194,375
2014	Regents of the University of Michigan	MI	R01AI106806	Dynamic regulation of B cell recruitment in T-dependent humoral immune response	\$416,178
2014	Regents of the University of Michigan	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$387,604
2014	Regents of the University of Michigan	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$369,900
2014	GRAND VALLEY STATE UNIVERSITY	MI	R15AI094489	Structure-based discovery and design of novel class D beta-lactamase inhibitors	\$388,758
2014	Regents of the University of Michigan	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$579,304
2014	Regents of the University of Michigan	MI	R21AI103452	Adenovirus myocarditis: defining host factors contributing to pathogenesis	\$194,323
2014	Regents of the University of Michigan	MI	K23AI108951	C4d-independent diagnosis of chronic antibody mediated renal allograft rejection	\$140,400
2014	WAYNE STATE UNIVERSITY	MI	R21AI111103	Validation of a novel diagnostic, prognostic assay for bacterial vaginosis	\$253,000
2014	Regents of the University of Michigan	MI	R21AI116158	Development of Nef antagonists to enhance CTL clearance of HIV reservoirs	\$186,912
2014	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,866,999
2014	Regents of the University of Michigan	MI	U19AI090871	Clostridium difficile Cooperative Research Center	\$1,675,709
2014	Regents of the University of Michigan	MI	K23AI091623	Phase II Trial of Vorinostat plus Tacrolimus and Mycophenolate to Prevent GVHD	\$132,300
2014	Regents of the University of Michigan	MI	R21AI103961	Subversion of gastrointestinal host defenses by norovirus	\$231,114
2014	Regents of the University of Michigan	MI	F31AI108086	Host protein prenyl transferases as modifiers of effectors of pathogenic bacteria	\$32,580
2014	MICHIGAN STATE UNIVERSITY	MI	R56AI081817	Mechanism of Class Switch Recombination	\$340,400
2014	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$377,509
2014	Regents of the University of Michigan	MI	T32AI007413	Research Training in Experimental Immunology	\$268,797
2014	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$383,750
2014	Regents of the University of Michigan	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$480,000
2014	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$3,176,077
2014	Regents of the University of Michigan	MI	R21AI109791	HCV biology and inhibition visualized at the single molecule level	\$233,250

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2014	ONCOIMMUNE INC	MI	R43AI108115	Targeting endogenous sialidases for treatment of endotoxic shock	\$199,956
2014	Regents of the University of Michigan	MI	R01AI083334	Modulation of adenovirus pathogenesis by prostaglandin E2	\$377,692
2014	Regents of the University of Michigan	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$349,875
2014	Regents of the University of Michigan	MI	R01AI091627	Notch Signaling in Alloimmunity	\$382,686
2014	Regents of the University of Michigan	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$343,688
2014	Regents of the University of Michigan	MI	R01AI105068	Nuclear MT1-MMP and Macrophage Immune Function	\$388,750
2014	Regents of the University of Michigan	MI	R21AI097099	Toxoplasma endocytosis of host cytoplasm	\$233,250
2014	Regents of the University of Michigan	MI	U19AI110502	Epigenomics of Systemic Autoimmunity	\$692,143
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI099404	GPCR Kinase-5 in Inflammatory Bowel Disease	\$185,752
2014	TSRL, INC	MI	R43AI112185	Nucleoside Phosphonate Analogs for the Treatment of Adenoviral Infection	\$300,000
2014	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$326,735
2014	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$425,458
2014	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$386,113
2014	Regents of the University of Michigan	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$486,053
2014	Regents of the University of Michigan	MI	R01AI094563	Sexual Modulation of HIV-Relevant Vaginal Immunity	\$388,482
2014	WAYNE STATE UNIVERSITY	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,321
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI105867	Screening for inhibitors of M. tuberculosis persistence-related lipid metabolism	\$202,234
2014	MICHIGAN STATE UNIVERSITY	MI	R21AI106477	Vpr	\$191,875
2014	Regents of the University of Michigan	MI	F32AI106189	The Viral Life Cycle of Human Endogenous Retrovirus Type K	\$56,577
2014	Regents of the University of Michigan	MI	R56AI043363	Vaccine to prevent E. coli urinary tract infection	\$351,350
2014	Regents of the University of Michigan	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$343,986
2014	Regents of the University of Michigan	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$321,375
2014	Regents of the University of Michigan	MI	R01AI089417	Novel Therapeutics for Neurotropic Alphaviruses	\$927,665
2014	Regents of the University of Michigan	MI	K22AI097291	Delivery of Particle Vaccines to Control Trafficking Patterns of T Cells	\$108,000
2014	Regents of the University of Michigan	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell development	\$387,412
2014	Regents of the University of Michigan	MI	R21AI103364	Fatty Acids & Risk of Dengue Hemorrhagic Fever	\$236,052
2014	WAYNE STATE UNIVERSITY	MI	R21AI109266	Impact of daptomycin dose exposure on biofilm embedded Enterococci resistance	\$190,000

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2014	Regents of the University of Michigan	MI	R21AI111182	Homocitrate Synthase Inhibitors as Novel Antifungal Agents for Aspergillus	\$233,125
2014	Regents of the University of Michigan	MI	R33AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$466,500
2014	Regents of the University of Michigan	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$375,901
2014	Regents of the University of Michigan	MI	R01AI083252	Mechanism of cholera toxin retro-translocation	\$299,975
2014	TSRL, INC	MI	R43AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$297,046
2014	Regents of the University of Michigan	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$382,742
2014	Regents of the University of Michigan	MI	R21AI105167	How eukaryotic pathogens explore the fitness landscape by mitotic recombination	\$194,375
2014	Regents of the University of Michigan	MI	R01AI097134	Role of DNA methylation in lupus	\$393,965
2014	Regents of the University of Michigan	MI	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	\$190,075
2014	Regents of the University of Michigan	MI	R21AI107421	Asymptomatic Gametocytemia and Malaria: Implications for Plasmodium Transmission	\$254,813
2014	Regents of the University of Michigan	MI	R03AI109204	Deciphering T cell repertoire using DNA-barcoded MHC-peptide tetramers	\$70,645
2014	Regents of the University of Michigan	MI	UM1AI110557	University of Michigan Autoimmunity Center of Excellence, Clinical Research Progr	\$233,250
2014	Regents of the University of Michigan	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$371,258
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$532,017
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$363,998
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$203,540
2014	MAYO CLINIC	MN	R21AI104065	The Role of COTL1 in T cell development and activation	\$198,750
2014	UNIVERSITY OF MINNESOTA	MN	R21AI103328	Targeting a leukocyte disintegrin metalloprotease during bacterial pneumonia	\$228,000
2014	UNIVERSITY OF MINNESOTA	MN	R01AI111671	Regulation of T cell immunity within the female reproductive tract	\$475,237
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI112613	Mechanisms, Prevention and Treatment of Chronic GVHD	\$628,067
2014	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$380,000
2014	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$373,973
2014	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$394,250
2014	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$5,081,743

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2014	MAYO CLINIC	MN	R01AI091594	The Electricidal Effect, a Novel Anti-Biofilm Strategy	\$394,250
2014	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	\$369,101
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$869,444
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI114050	Investigating self tolerance in the polyclonal CD4 T cell repertoire	\$51,530
2014	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$438,947
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$373,725
2014	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	\$32,302,867
2014	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$173,701
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI088209	Cortical epithelial cells in the selection and maturation of CD8 T cells	\$365,450
2014	GENESEGUES INC	MN	R43AI104158	Nanocapsule-mediated topical delivery of VLP-generating Dengue DNA vaccine	\$300,000
2014	MAYO CLINIC	MN	R01AI095239	Functional B7-H1 expressed by T cells	\$397,500
2014	BIOThERA INC	MN	R43AI107999	An immunomodulatory yeast-derived beta glucan as a component of a conjugate	\$149,450
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI109808	The Effect of HIV Infection on Malaria Specific T and B Cell Responses	\$65,122
2014	UNIVERSITY OF MINNESOTA	MN	R21AI116211	Therapeutic vaccination targeting SIV viral reservoirs	\$240,193
2014	UNIVERSITY OF MINNESOTA	MN	R56AI113138	TNF Receptor Superfamily Signaling in Immune Tolerance	\$376,431
2014	SYNTIRON LLC	MN	R43AI109845	A Novel Vaccine to Prevent Urinary Tract Infections	\$294,002
2014	MAYO CLINIC	MN	R56AI112538	Regulation of NK Cell Activation by DOCK8-Mediated Pathways	\$397,500
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$377,500
2014	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$363,104
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$382,121
2014	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$169,049
2014	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,689,694
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	\$367,586
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$373,725
2014	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	\$1,117,257
2014	MAYO CLINIC	MN	R21AI105233	Measles vectors for genomic modification-free induced pluripotent stem cells	\$238,500

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2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI106791	Mechanisms of immune tolerance in autoimmune diabetes	\$371,440
2014	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$467,050
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$405,807
2014	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$351,277
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$162,089
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081690	The Role of Plasmids in Rickettsia Biology	\$371,729
2014	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$533,589
2014	MAYO CLINIC	MN	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$666,848
2014	MAYO CLINIC	MN	R01AI096967	Immuno-evasive Mucosal Vaccines Against HIV-1	\$782,400
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$380,000
2014	MAYO CLINIC	MN	R21AI097337	Altered MHC ligand vaccine design	\$198,750
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T Cells	\$380,000
2014	UNIVERSITY OF MINNESOTA	MN	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	\$380,000
2014	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$1,028,749
2014	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$397,500
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$373,725
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI091974	Preclinical Assessment of Novel Combination Therapy to Restore and Prolong Regula	\$374,547
2014	MAYO CLINIC	MN	R01AI089713	Pathophysiology of cholangiocyte responses to microbial pathogens	\$354,825
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI102625	Vaccine Design to Concentrate Protective Antibodies at the Mucosal Border	\$750,260
2014	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$487,151
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI107543	Immunosuppression by leukocyte ADAM17 during sepsis	\$228,000
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$333,430
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$298,980
2014	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$312,013

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF MINNESOTA	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$380,000
2014	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$473,944
2014	UNIVERSITY OF MINNESOTA	MN	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$418,634
2014	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$610,166
2014	MAYO CLINIC	MN	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$400,826
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI107995	The role of the TCR in effector CD4 T cell differentiation	\$53,282
2014	UNIVERSITY OF MINNESOTA	MN	R21AI103012	Bayesian Methods and Software for Patient-Centered Network Meta-Analysis of Binar	\$216,464
2014	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$369,720
2014	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,705,064
2014	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	\$1,301,044
2014	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$146,504
2014	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$471,883
2014	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$397,500
2014	UNIVERSITY OF MINNESOTA	MN	R03AI107081	A mouse to track dual TCR T cells	\$76,000
2014	MAYO CLINIC	MN	R01AI110173	Prime shock and kill for HIV eradication	\$555,091
2014	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$430,559
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$569,073
2014	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$304,000
2014	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$376,200
2014	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2014	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$342,000
2014	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$440,253
2014	WASHINGTON UNIVERSITY	MO	R01AI094098	DESIGNING SELECTIVE INHIBITORS OF CALCIUM-DEPENDENT KINASES IN PARASITES	\$368,011
2014	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI087304	Prevention of HIV/AIDS by Stimuli-Sensitive Nanomedicine for Microbicide Delivery	\$363,853
2014	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI097119	STRUCTURE AND FUNCTION OF PHOSPHOETHANOLAMINE METHYLTRANSFERASES: NEW ANTI-PARAS	\$228,000

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2014	WASHINGTON UNIVERSITY	MO	R21AI105163	GENERATION OF BK CHANNEL PORE-GATE-DOMAIN PEPTIDES FOR FUNCTIONAL AND STRUCTURAL	\$190,000
2014	SAINT LOUIS UNIVERSITY	MO	R03AI109460	Hepatitis B Virus diversity and ribonuclease H inhibitor efficacy	\$75,750
2014	WASHINGTON UNIVERSITY	MO	U19AI109948	Mechanisms of orthopoxvirus host control and viral immune evasion	\$1,305,588
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112417	Capsid-Targeting Small Molecules Blocking HIV through Novel Mechanism of Action	\$187,848
2014	WASHINGTON UNIVERSITY	MO	T32AI106688	Pediatric Infectious Diseases and Immunity Training Program	\$144,608
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R56AI107095	Restriction of Viral Membrane Fusion and Entry by IFITM Proteins	\$392,973
2014	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$306,903
2014	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$478,237
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$392,694
2014	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$375,000
2014	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$380,000
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112782	Transgenic Resistance of Aedes aegypti to the Four Serotypes of Dengue Virus	\$191,875
2014	SAINT LOUIS UNIVERSITY	MO	R01AI113903	Functions of Hopx in immune tolerance in a model of Multiple Sclerosis	\$376,669
2014	SAINT LOUIS UNIVERSITY	MO	R01AI104494	A screen for antiviral compounds targeting the Hepatitis B Virus ribonuclease H	\$331,025
2014	WASHINGTON UNIVERSITY	MO	R21AI105435	IDENTIFICATION OF HOST GENETIC DETERMINANT CAUSING SEVERE INFLUENZA PATHOGENESIS	\$258,601
2014	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$338,580
2014	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$376,200
2014	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$408,141
2014	WASHINGTON UNIVERSITY	MO	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$376,200
2014	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-based Protection against Flaviviruses	\$640,779

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$380,000
2014	SAINT LOUIS UNIVERSITY	MO	R01AI087764	Exploiting dual-TCR for rescue of CD8 T cell tolerance in adoptive immunotherapy	\$365,063
2014	WASHINGTON UNIVERSITY	MO	K23AI091690	TRANSMISSION DYNAMICS OF CA-MRSA AMONG HOUSEHOLD MEMBERS AND THE HOME ENVIRONMENT	\$126,666
2014	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	\$301,942
2014	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$342,000
2014	WASHINGTON UNIVERSITY	MO	R01AI089870	MECHANISMS OF NATURAL KILLER CELL TOLERANCE	\$380,000
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$753,171
2014	SAINT LOUIS UNIVERSITY	MO	R01AI106498	Aspartic Protease Inhibitors as Novel Antimalarials	\$193,880
2014	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	\$168,709
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI109464	Inhibition of Ebolavirus Entry by IFITM2 Protein	\$226,101
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI112399	Mechanism of Vpu action: the rest of the story	\$187,848
2014	WASHINGTON UNIVERSITY	MO	U19AI109725	Autophagy Modulators as Novel Broad-Spectrum Anti-Infective Agents	\$6,377,610
2014	FIMBRION THERAPEUTICS INC	MO	R43AI106112	Anti-virulence FimH inhibitors for the treatment and prevention of UTIs	\$300,000
2014	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$540,710
2014	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$300,960
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$366,642
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$374,630
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091588	Parvovirus-Cell Interactions	\$299,201
2014	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	\$613,232
2014	WASHINGTON UNIVERSITY	MO	R01AI104732	CONTROL OF ADAPTIVE IMMUNITY BY ACTIN-REGULATORY PROTEINS	\$380,938
2014	WASHINGTON UNIVERSITY	MO	R01AI111605	INTERFERON SIGNAL ENHANCERS AS ANTIVIRAL THERAPEUTICS	\$440,925
2014	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$338,580
2014	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$380,000

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2014	WASHINGTON UNIVERSITY	MO	R01AI084887	SUSCEPTIBILITY GENE-VIRUS INTERACTIONS IN INFLAMMATORY BOWEL DISEASE	\$376,200
2014	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	\$380,000
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI105584	Novel Cellular Factors Restricting Viral Membrane Fusion	\$191,875
2014	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	\$481,167
2014	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	\$387,000
2014	WASHINGTON UNIVERSITY	MO	R21AI111696	Targeting a New Essential Virulence Mechanism in Drug-Resistant Mycobacteria	\$222,225
2014	WASHINGTON UNIVERSITY	MO	R21AI109623	GLYCAN PRECURSOR TRANSPORT IN CRYPTOCOCCUS NEOFORMANS	\$228,500
2014	WASHINGTON UNIVERSITY	MO	R21AI110712	ROLE OF PFHO-1 IN P. FALCIPARUM INTRAERYTHROCYTIC DEVELOPMENT	\$179,409
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI112381	IFITM-mediated Inhibition of HIV Infection and Viral Countermeasures	\$354,597
2014	WASHINGTON UNIVERSITY	MO	R01AI112508	IDENTIFICATION OF THE ANTIMALARIAL TARGET OF PEPSTATIN ESTERS	\$370,208
2014	WASHINGTON UNIVERSITY	MO	R01AI108749	EBPA-FIBROGEN INTERACTION IN ENTEROCOCCUS FAECALIS CAUTI	\$381,250
2014	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$376,200
2014	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$353,780
2014	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R01AI083803	Biophysics of Drug Interactions with Viral Episomes	\$361,117
2014	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeutics for Chikungunya Virus	\$1,167,991
2014	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	\$300,000
2014	WASHINGTON UNIVERSITY	MO	R01AI106361	HIV CORECEPTOR SHIFT	\$190,000
2014	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$647,489
2014	WASHINGTON UNIVERSITY	MO	R01AI106561	LIVER-RESIDENT NATURAL KILLER CELLS, VIRAL INFECTION, HEPATITIS AND MEMORY	\$196,531
2014	WASHINGTON UNIVERSITY	MO	R21AI105728	THE ROLE OF IL-34 IN THE BIOLOGY OF LANGERHANS CELLS	\$228,000
2014	WASHINGTON UNIVERSITY	MO	R01AI108636	CRAC CHANNEL COMPONENTS AND MOLECULAR BASIS OF STORE-OPERATED CALCIUM ENTRY	\$381,250
2014	SAINT LOUIS UNIVERSITY	MO	R21AI105605	Universal T cell targeted influenza vaccine	\$187,500

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2014	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI103618	Post-transcriptional Regulation of Cytokine Production	\$188,750
2014	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$1,457,802
2014	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$725,710
2014	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,567,435
2014	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$380,938
2014	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$430,048
2014	SAINT LOUIS UNIVERSITY	MO	R21AI099780	Mechanisms of IL28B genetic variation-mediated clearance of hepatitis C virus	\$187,500
2014	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$380,000
2014	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$304,000
2014	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$157,500
2014	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$189,832
2014	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$330,000
2014	WASHINGTON UNIVERSITY	MO	K08AI085030	Mechanisms of Innate Immune Memory	\$120,061
2014	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$289,221
2014	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	\$126,838
2014	WASHINGTON UNIVERSITY	MO	F32AI100481	Host Factors in Cryptococcal Infection	\$56,978
2014	WASHINGTON UNIVERSITY	MO	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	\$168,789
2014	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	\$380,000
2014	INTACT GENOMICS INC	MO	R44AI094885	Expanding small molecule functional metagenomics through shuttle BAC expression i	\$941,322
2014	MISSISSIPPI STATE UNIVERSITY	MS	R21AI103724	Relapsing Fever Spirochete Protein Production within the Vector	\$0
2014	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$392,253
2014	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI113706	Nanoparticle-based SERS assay for Dengue virus detection in blood	\$319,323
2014	MISSISSIPPI STATE UNIVERSITY	MS	R03AI103294	Zinc-binding lipoproteins of S. pneumoniae regulate invasiveness	\$72,250
2014	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750

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2014	MONTANA STATE UNIVERSITY	MT	R21AI111145	Microbial Polyamine-Mediated Reductions in Vaginal Acidity; A Mechanistic Underst	\$216,000
2014	UNIVERSITY OF MONTANA	MT	R15AI105737	Mechanism of RVFV nucleocapsid targeting drugs	\$432,368
2014	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$101,860
2014	MONTANA STATE UNIVERSITY	MT	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$360,000
2014	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$356,480
2014	MONTANA STATE UNIVERSITY	MT	R01AI113330	Resuscitation of P. aeruginosa biofilm cells from dormancy	\$324,000
2014	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$356,250
2014	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$350,073
2014	MONTANA STATE UNIVERSITY	MT	K22AI106948	Understanding the bottleneck on axon-to-cell spread of alphaherpesviruses	\$160,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$380,000
2014	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$216,644
2014	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,279,024
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$363,116
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$368,389
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$44,874
2014	DUKE UNIVERSITY	NC	R01AI093257	Evolution of Cryptococcus neoformans Strains from Patients with HIV/AIDS	\$300,284
2014	DUKE UNIVERSITY	NC	K23AI096913	Moving Towards More Individualized Therapies in HIV/HCV Co-infected Patients	\$88,700
2014	DUKE UNIVERSITY	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$439,837
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	\$584,860
2014	DUKE UNIVERSITY	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$123,596
2014	DUKE UNIVERSITY	NC	R33AI085401	Development of anti-Aspergillus single chain Abs as serum and imaging diagnostics	\$450,686
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI105613	The Role of Recycling Immune Complexes in the Breakdown of Tolerance	\$152,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI112432	Using Phylogenetics to Elucidate HIV Transmission Patterns and Inform Prevention	\$169,068

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$447,323
2014	DUKE UNIVERSITY	NC	R33AI100257	Development of anti-Salmonella Single-chain Abs as serum diagnostics	\$422,690
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI108515	Simple interventions to Improve Rotavirus Vaccine Effectiveness (SIRVE)	\$478,238
2014	MYCOSYNTHETIX INC	NC	R43AI100316	Fungal Metabolites as Novel Anthelmintics against Soil-Transmitted Helminthes.	\$225,000
2014	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$702,570
2014	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$178,453
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$338,580
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$380,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	\$329,671
2014	DUKE UNIVERSITY	NC	F32AI096866	C. trachomatis-mediated signaling pathways required for Type I IFN responses	\$56,978
2014	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$43,787,903
2014	DUKE UNIVERSITY	NC	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	\$438,707
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099026	Optimizing the impact of Xpert MTB/RIF on treatment outcomes of drug resistant TB	\$487,630
2014	DUKE UNIVERSITY	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$446,792
2014	DUKE UNIVERSITY	NC	R21AI106013	Mechanism for copper-deficiency mediated neutropenia	\$235,500
2014	DUKE UNIVERSITY	NC	R01AI103197	IRGM-driven host responses to Chlamydia trachomatis infections	\$392,500
2014	DUKE UNIVERSITY	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	\$782,229
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI108539	Development of novel methods to exploit next gen sequencing for HIV	\$190,000
2014	DUKE UNIVERSITY	NC	R21AI106443	Critical domains for HIV-1 entry through atypical coreceptor usage	\$196,250
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI102561	Evaluation of SARS-CoV 2'O Methyltransferase Mutants	\$55,094
2014	DUKE UNIVERSITY	NC	R21AI110191	Intervening with Latent HIV-1 Infection using Gnidimacrin	\$235,500
2014	DUKE UNIVERSITY	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant	\$163,700
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI105012	RNA-Binding Proteins and Host Shut-Off by VSV	\$431,840

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2014	EAST CAROLINA UNIVERSITY	NC	R56AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$245,207
2014	DUKE UNIVERSITY	NC	U01AI113315	The Lung Transplant Clinical Trials Network (LT-CTN)	\$2,631,472
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI114094	CDI System-mediated Intra- and Inter-species Interactions in Burkholderia	\$49,850
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109784	Novel Nanoparticle Platform for the delivery of Vaccines and Adjuvants	\$3,603,126
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI110682	NK cell regulation of adaptive immunity during persisting virus infection	\$380,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI113305	Normalizing preteen HPV vaccination with practice-based communication strategies	\$676,860
2014	CLINICAL SENSORS, INC.	NC	R41AI112064	Nitric Oxide Microfluidic Sensor	\$300,000
2014	DUKE UNIVERSITY	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$13,000,000
2014	DUKE UNIVERSITY	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$128,817
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$378,128
2014	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$457,996
2014	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$710,058
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$97,750
2014	GLOBAL VACCINES INC	NC	R01AI088250	Role of innate immune responses in the activity of an Alphavirus based adjuvant.	\$566,898
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI079240	Innate Immunity in Bullous Pemphigoid	\$366,300
2014	DUKE UNIVERSITY	NC	R21AI103584	Regulation of innate inflammation by CD40 signaling and intracellular osteopontin	\$235,500
2014	DUKE UNIVERSITY	NC	R21AI109531	The role of cyclic-di-AMP in the regulation of Chlamydia cellular functions	\$235,500
2014	DUKE UNIVERSITY	NC	R01AI102747	Mucosal vaccination to protect against HIV-1 infection at mucosal sites	\$607,250
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$8,513,331
2014	DUKE UNIVERSITY	NC	R21AI099784	Longitudinal assessment of CMV and BK virus immunity in renal transplant patients	\$196,250
2014	DUKE UNIVERSITY	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$381,902
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$327,483
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI105271	Factors Affecting Dissemination Events Early in Bubonic Plague	\$226,238

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI104420	HIV Infection of Myeloid Lineage Cells	\$51,530
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$1,844,451
2014	DUKE UNIVERSITY	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$392,500
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	\$135,759
2014	DUKE UNIVERSITY	NC	R21AI113098	Reconstitution of a protective antiviral RNAi response in somatic human cells	\$235,500
2014	DUKE UNIVERSITY	NC	R56AI112360	Magnetically directed single cell transcriptome analysis in HIV latency	\$642,658
2014	DUKE UNIVERSITY	NC	R01AI110007	Optimizing Beta-Adrenoceptor Signaling Bias in Asthma	\$710,814
2014	INDEXUS BIOMEDICAL LLC	NC	R43AI113897	Cell analysis & immunoassay device for distributed HIV diagnosis and monitoring	\$224,984
2014	DUKE UNIVERSITY	NC	R01AI112595	Structural Biological Development of Fungal-Specific Calcineurin Inhibitors	\$637,517
2014	VIAMET PHARMACEUTICALS INC	NC	R33AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	\$242,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI112764	BcpAIOB-Mediated CDI and Biofilm Formation in Burkholderia pseudomallei	\$222,344
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$156,266
2014	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$169,915
2014	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$317,610
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$566,146
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083269	Age-Dependent Thymic Events and the Development of Autoimmune T Cells in NOD Mice	\$363,569
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$109,239
2014	DUKE UNIVERSITY	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$29,907,331
2014	DUKE UNIVERSITY	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$128,817
2014	DUKE UNIVERSITY	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$436,559
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$960,564
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Flavivirus Cross-Neutralization by Human Antibodies	\$486,964
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI108159	Alternative Regulation of Novel NLR Variants with Specified Immune Functions	\$13,321

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI106129	Genetic and functional studies of var2csa in placental malaria	\$318,413
2014	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R21AI108519	Developing a Theory of Change for Evaluating Participatory Practices in TB Trials	\$199,604
2014	DUKE UNIVERSITY	NC	R01AI107951	Enzymology of Chlamydial Pathogenesis	\$235,257
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI113124	New and Simple Assay to Measure Latent HIV Reservoir Using Deep Sequencing Method	\$228,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111108	Dissecting Chloroquine Resistance in the Plasmodium vivax Cross	\$246,982
2014	EAST CAROLINA UNIVERSITY	NC	R21AI112745	Manganese transport and virulence in Brucella	\$182,369
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI116384	Assessing the HIV care cascade in a large southern prison system	\$380,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI110651	Genetic determinants of Plasmodium vivax relapse	\$168,906
2014	DUKE UNIVERSITY	NC	R01AI108993	Zoonotic Swine Influenza Virus Transmission in Confined Animal Feeding Operations	\$437,777
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111891	Multi-Species Mechanisms of Drug Bio-distribution in HIV Tissue Reservoirs	\$808,479
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI106196	The Evolution of Lactate Catabolism and Nitric Oxide Resistance in Staphylococci	\$53,282
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$496,933
2014	DUKE UNIVERSITY	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$387,789
2014	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$300,216
2014	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,645,710
2014	DUKE UNIVERSITY	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$386,100
2014	DUKE UNIVERSITY	NC	K02AI093866	Independent Scientist Award for Radiation Research	\$100,197
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$122,006
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	\$421,651
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	\$705,599
2014	DUKE UNIVERSITY	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$723,844
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	\$335,795
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	\$412,593
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099969	Developing High-Throughput Assays for M. tuberculosis Tat Pathway Inhibitors	\$370,000

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI104431	Development of Human beta cell-specific AAV Vectors for Type I Diabetes	\$190,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100067	Molecular Mechanisms Associated with Immune Maturation in Infants	\$408,517
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI103617	Why Are Steroids Ineffective at Suppressing RSV Bronchiolitis	\$228,000
2014	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI103549	Listeriosis Pathogenesis: Effect of Serogroup-specific Wall Teichoic Acid Changes	\$227,250
2014	DUKE UNIVERSITY	NC	R03AI106835	B cell metabolism in activation and autoantibody production	\$78,500
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI112487	Investigating graft-versus-host clearance of HIV-infected cells in vivo	\$33,436
2014	DUKE UNIVERSITY	NC	K22AI100935	Innate immune regulation during hepatitis C virus infection	\$161,360
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$2,102,641
2014	ALDERON BIOSCIENCES INC	NC	R43AI110139	Biosensor Assays for Diagnosis of Chronic HCV Infection	\$137,329
2014	DUKE UNIVERSITY	NC	R01AI110478	Innovative partnership to target antimalarial subsidies in the retail sector	\$571,252
2014	ICAGEN INC	NC	R43AI091186	XRpro Radioactive Cesium Decorporation Agents	\$300,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI111592	The Role of IL-11 in Development of Th17-mediated Autoimmune Response in EAE	\$76,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI111899	Plug & Purge: In Vivo Targeting of Active HIV Reservoirs That Persist Despite ART	\$486,481
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI113197	The pathogenesis of T. cruzi in HIV-infected persons in Bolivia	\$161,095
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111707	Exploiting Host Polyamines for the Treatment of Skin and Wound Infections	\$197,600
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$463,129
2014	DUKE UNIVERSITY	NC	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$275,198
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$262,961
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$368,389
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$139,574
2014	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$125,441
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Prevention of HIV Acquisition by Long-acting Antiretroviral PrEP	\$633,949

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$372,751
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$409,284
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$366,300
2014	DUKE UNIVERSITY	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$826,847
2014	DUKE UNIVERSITY	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$389,815
2014	DUKE UNIVERSITY	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	\$384,340
2014	DUKE UNIVERSITY	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$138,832
2014	DUKE UNIVERSITY	NC	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$915,867
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	\$370,000
2014	DUKE UNIVERSITY	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$386,122
2014	DUKE UNIVERSITY	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	\$392,500
2014	DUKE UNIVERSITY	NC	F31AI106519	Epigenetic Control of the CD8+ T-cell Response to HIV	\$32,040
2014	DUKE UNIVERSITY	NC	UM1AI069484	HIV/AIDS Clinical Trials Unit	\$481,517
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$84,620
2014	DUKE UNIVERSITY	NC	R21AI108347	Regulation of PD-1 as a strategy against chronic HIV-1 infection	\$196,250
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI114231	The Mammalian NRAMP family as Alphavirus Pathogenesis Determinants	\$29,680
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI109224	Repurposed Drugs to Inhibit Human T Cells and Autoimmunity	\$77,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107949	Epidemiological and Spatial Models of Malaria Transmission	\$594,403
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI109965	Discovery of New Innate Immune Pathways in Viral Recognition	\$3,163,678
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI111667	Targeting SecA1 of Mycobacterium tuberculosis for Novel Drug Development	\$186,787
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI106006	Mechanisms of Norovirus Protective Immunity	\$759,938
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$652,278
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$142,257

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$422,046
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079144	Epigenetics of Severe Systemic Inflammation	\$366,300
2014	DUKE UNIVERSITY	NC	R01AI081694	Chlamydia Effector Proteins	\$347,490
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	\$426,426
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$421,239
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	\$503,164
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$380,000
2014	DUKE UNIVERSITY	NC	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$392,500
2014	DUKE UNIVERSITY	NC	F32AI102500	Chlamydial modulation of Eukaryotic signaling pathways	\$56,978
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$570,198
2014	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R56AI108654	REGULATION OF MEMORY B CELL RESPONSES TO POLYSACCHARIDE ANTIGENS	\$259,000
2014	DUKE UNIVERSITY	NC	F31AI110072	Investigating the Type II Secretion System of Chlamydia trachomatis	\$32,882
2014	AGILE SCIENCES INC	NC	R42AI098192	Anti-biofilm agents for the treatment of pulmonary infection in cystic fibrosis p	\$672,768
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F30AI110378	Iron Deficiency Anemia and the Pathogenesis of Falciparum Malaria	\$32,486
2014	NIRVANA SCIENCES, INC.	NC	R41AI112302	New Class of Bright, Sharp, Tunable Near-Infrared Fluorophores for Flow Cyto	\$225,000
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI102252	Celecoxib Derivative: Host Cell-Directed Inhibitors of Intracellular Pathogens	\$307,589
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114320	Reaching Unaware Sexual and Social Contacts to Interrupt Ongoing HIV Transmission	\$625,946
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI114310	Spurring Innovation in HIV Testing and Linkage: A Crowdsourcing Approach	\$679,572
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$292,807
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$4,148,261
2014	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$386,100
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$3,152,617
2014	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$387,036

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2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$324,285
2014	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$392,500
2014	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$386,206
2014	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$4,289,607
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$427,013
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$400,934
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI099698	Early Events in the Pathogenesis of Pneumonic Plague	\$228,000
2014	DUKE UNIVERSITY	NC	R21AI106494	A novel HIV-1-neutralizing protein isolated from breast milk	\$196,250
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Phase variation of virulence factors in Clostridium difficile	\$351,396
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI100694	Effects of Daily Cotrimoxazole on Malaria in HIV Exposed, Uninfected Infants	\$76,000
2014	DUKE UNIVERSITY	NC	F32AI109834	The role of host RNA-binding proteins in regulating dengue virus replication	\$51,530
2014	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$10,846,231
2014	DUKE UNIVERSITY	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$25,000
2014	UNIVERSITY OF NORTH DAKOTA	ND	R01AI109317	Lung innate immunity against bacterial infection	\$345,000
2014	ALTRAVAX INC	ND	R01AI102706	Germline-Specific Immunogens for the Induction of Neutralizing Antibodies to HIV-	\$840,676
2014	UNIVERSITY OF NORTH DAKOTA	ND	R21AI107457	Identification of protective proteins of Francisella using a novel comparative im	\$172,500
2014	UNIVERSITY OF NORTH DAKOTA	ND	R21AI105662	Passerine filariasis and West Nile virus transmission	\$172,500
2014	ALTRAVAX INC	ND	R43AI112141	Novel Subunit Vaccines against Varicella Zoster Virus	\$300,000
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$2,315,393
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI103725	Leveraging RC-12 for Radical Cure of Plasmodium Vivax	\$159,395
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI107237	IRF4 Functions as a Negative Regulator of Notch Signaling in the Development of M	\$225,750
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	\$403,364
2014	CREIGHTON UNIVERSITY	NE	R01AI080348	A Proteomic and Biochemical Study of HIV-1 Nucleoprotein Complexes	\$358,761

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2014	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	\$214,637
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI114206	International Conference on Grampositive Pathogens	\$5,000
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI075167	Estrogen Receptor a Regulation of Lupus Development and Pathogenesis	\$393,317
2014	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI111862	Improve the safety of an efficacious live-attenuated HIV -1 vaccine through unnatu	\$485,765
2014	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	\$287,012
2014	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$564,339
2014	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$454,822
2014	DARTMOUTH COLLEGE	NH	R01AI106937	The role of CshA and CshB in selective mRNA protection in S. aureus	\$405,000
2014	DARTMOUTH COLLEGE	NH	R21AI113390	Mediator regulation of transporters in fluconazole resistant C. albicans mutants	\$243,000
2014	CELDARA MEDICAL LLC	NH	R43AI110285	Destroying the HIV-1 provirus by utilizing components of the CRISPR/Cas system	\$451,598
2014	DARTMOUTH COLLEGE	NH	R01AI102691	Applying High-Performance Protein Engineering Tools to HIV Immunogen Design	\$752,375
2014	DARTMOUTH COLLEGE	NH	R56AI039654	Hierarchy Within Environmental Regulons	\$405,000
2014	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$42,706
2014	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapatation and Fungal Virulence of Aspergillus fumigatus	\$405,000
2014	DARTMOUTH COLLEGE	NH	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$405,000
2014	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$578,486
2014	DARTMOUTH COLLEGE	NH	R21AI105563	Toxoplasma gondii GRA protein function	\$243,000
2014	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$467,279
2014	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$223,163
2014	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$397,741
2014	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$962,696
2014	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	\$395,000
2014	DARTMOUTH COLLEGE	NH	R21AI104514	Parasite secreted proteins control host response to Toxoplasma gondii infection	\$243,000
2014	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	\$486,987

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2014	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in <i>Vibrio cholerae</i>	\$471,948
2014	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$405,000
2014	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	\$441,479
2014	DARTMOUTH COLLEGE	NH	R37AI083256	cdiGMP regulation of Biofilm Formation	\$420,500
2014	DARTMOUTH COLLEGE	NH	R21AI108489	Dense granule protein virulence factors in <i>Toxoplasma gondii</i> infection	\$202,500
2014	IMMUNEXT INC	NH	R42AI100418	Validation of a Negative Regulator as a Novel Therapy for Autoimmune Disease	\$995,160
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$393,525
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$455,292
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$387,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$397,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103636	Linking Triazole Resistance and Fitness in <i>Aspergillus fumigatus</i>	\$198,750
2014	PRINCETON UNIVERSITY	NJ	R21AI105342	Aminoglycoside-Enabled Elucidation of Persister Metabolism	\$228,407
2014	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic Viral and Host Adaptations to Breach Species Barriers of HCV	\$402,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity, microbiome and HIV transmission by Depo-Provera	\$561,750
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI109025	Critical Factors Influencing Echinocandin Resistance in <i>Candida glabrata</i>	\$487,650
2014	PRINCETON UNIVERSITY	NJ	R56AI112951	Human cytomegalovirus-induced alterations to cell-surface adhesion proteins	\$399,362
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI113368	Mechanism of GPCR Signaling-mediated Fungal Cell Gigantism	\$251,904
2014	PRINCETON UNIVERSITY	NJ	F30AI114163	Development of a method to rapidly quantify persister gene expression	\$47,676
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$2,947,908
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	\$198,750
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$1,185,617
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111967	De facto monotherapy during multidrug TB treatment and emergence of resistance	\$802,715
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110335	Adjunctive immune modulation to improve TB treatment	\$238,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R56AI112010	Development of novel small-molecule inhibitors of HIV-1 fusion as microbicides	\$636,000

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2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	\$28,830
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083988	The function of PLZF in innate T cells	\$482,565
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$564,497
2014	PRINCETON UNIVERSITY	NJ	F32AI095002	Negative regulation of virulence in Pseudomonas aeruginosa	\$58,946
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI102826	Implication of RNase H domain on dimer stability and drug sensitivity of HIV-1 RT	\$238,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI106551	A rapid molecular approach to determine PZA susceptibility	\$201,992
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	\$238,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103781	Synthetic lethality of bicyclomycin	\$198,750
2014	PRINCETON UNIVERSITY	NJ	F32AI106175	Cell surface proteome of monocytes latently infected with human cytomegalovirus	\$55,094
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$1,123,270
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI111397	Pre-clinical Development of an Advanced Genexpert Test for Drug Resistant Mtb	\$1,549,810
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111647	Discovery and validation of drug targets in vulnerable pathways of Mtb	\$218,623
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI007403	Virus-Host Interactions in Eukaryotic Cells	\$126,551
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Target based discovery of next generation pyrazinamide	\$789,586
2014	STEVENS INSTITUTE OF TECHNOLOGY	NJ	R21AI110924	Engineered Intravascular Catheters for the Treatment of Bacteremia	\$187,500
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$386,950
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$774,998
2014	PRINCETON UNIVERSITY	NJ	R01AI087672	Human cytomegalovirus latency in cultured monocytes	\$358,628
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$384,150
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$1,212,985
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$357,750
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	F32AI098617	Discovery of Novel HIV-1 Reverse Transcriptase Inhibitors by Fragment Screening	\$53,282
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U19AI109713	Center to develop therapeutic countermeasures to high-threat bacterial agents	\$5,399,115
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$385,234

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2014	PRINCETON UNIVERSITY	NJ	R01AI097382	Mechanisms and consequences of metabolic manipulation by human cytomegalovirus	\$554,306
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095649	Leukocyte subset identification by single cell analysis of BTB-ZF gene	\$238,500
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI107811	Generation and characterization of CD40L-modified Mice	\$74,554
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI111453	mRNA-binding proteome in Trypanosoma brucei	\$238,500
2014	TRIM-EDICINE INC	NJ	R43AI109892	Increasing viability of lung organs for transplantation	\$300,000
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$509,440
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	UM1AI069537	NJMS Clinical Trials Unit: Targeting Pediatric, Adolescent, and Material HIV Infe	\$100,148
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI102718	Optimizing protective vaccine targets in the V1/V2 domain of HIV-1 gp120	\$800,581
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	\$79,500
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106125	Contribution of plasmacytoid DCs to immune senescence in HIV infection	\$397,500
2014	SOLIGENIX INC	NJ	R43AI108175	Innate Defense Regulator Peptide as a Therapeutic for Acute Pneumonic Melioidosis	\$300,000
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$570,199
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$393,525
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$1,073,392
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$431,485
2014	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$1,021,724
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI110166	Specific activation of latent HIV-1 by inhibiting E3 ubiquitin ligase activity	\$315,279
2014	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$397,500
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$335,432
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKC θ in T cell and T-ALL migration	\$377,500
2014	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	\$365,000
2014	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$333,909
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI110442	Regulation of T helper cell effector function	\$364,750
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI087807	Understanding the biology of schistosomes in response to praziquantel	\$382,784
2014	NEW MEXICO STATE UNIVERSITY	NM	R15AI113628	Mechanisms of competitive displacement by lineages of mosquito-borne dengue virus	\$431,652
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$235,966

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2014	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI045452	Andes virus transmission and pathogenesis in Chile	\$549,349
2014	NEW MEXICO STATE UNIVERSITY	NM	SC1AI112786	Bacterial colonization and immunogenicity in the mosquito gut ecosystem	\$308,651
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI111935	Autophagy Against Tuberculosis and HIV	\$656,042
2014	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R01AI111475	Targeting MMP9 to Improve Outcomes in Serious Influenza Infections	\$852,665
2014	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI106437	Quantifying The Effect Of HIV Latency	\$209,550
2014	MESA TECH INTERNATIONAL INC	NM	R44AI093018	Rapid, disposable, nucleic acid diagnostic device for multiplexed point of care f	\$1,000,000
2014	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	R01AI098853	Microfluidic Platform for Multiplexed Diagnostics	\$1,091,058
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI113187	Epidemiology and Prevention Interdisciplinary Center for Sexually Transmitted Inf	\$2,545,494
2014	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI097154	Three-Dimensional Molecular Tracking of IgE-Fc {epsilon}RI in Live Cells	\$407,996
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$399,998
2014	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$426,936
2014	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	\$689,204
2014	VISIONQUEST BIOMEDICAL LLC	NM	R43AI112164	Malarial Retinopathy Screening System for Improved Diagnosis of Cerebral Malaria	\$299,904
2014	UNIVERSITY OF NEVADA-RENO	NV	R33AI085548	Target discovery and immunoassay for diagnosis of invasive aspergillosis	\$336,893
2014	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R56AI109156	HIV Toolbox, an interactive, visual, and customizable HIV Protein Ontology	\$331,875
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$356,575
2014	UNIVERSITY OF NEVADA-RENO	NV	R56AI106737	Elucidation of HCMV latent viral genome maintenance/replication factors	\$393,461
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$353,536
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$312,657
2014	DXDISCOVERY INC	NV	R41AI108114	Biomarker discovery for immunodiagnosis of invasive candidiasis	\$300,000
2014	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$893,748
2014	DXDISCOVERY INC	NV	R41AI114049	Identification of Borrelia burgdorferi diagnostic biomarkers in humans and nonhum	\$298,958
2014	DXDISCOVERY INC	NV	R43AI109891	Point-of-care immunoassay for early diagnosis of pertussis	\$292,091

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2014	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$778,447
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101308	A high-throughput screen for antivirals targeting filovirus replication	\$423,750
2014	COLUMBIA UNIVERSITY	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	\$134,163
2014	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$296,949
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$329,808
2014	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	\$199,765
2014	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$423,355
2014	SUNY, STONY BROOK	NY	R01AI080892	Regulation of TCR Signaling by Sts-1 and Sts-2	\$384,128
2014	ROCKEFELLER UNIVERSITY	NY	R01AI085973	Parameters that govern initiation of VSG switching in T.brucei	\$418,275
2014	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$386,210
2014	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular-stromal function and regulation in immunity	\$434,363
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	\$406,060
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$5,286,096
2014	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$386,250
2014	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$386,250
2014	UNIVERSITY OF ROCHESTER	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,465
2014	CORNELL UNIVERSITY	NY	F32AI100545	Host cell receptor variation and control of viral cross-species transmission	\$55,094
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Diverse Functions of HIV-1 Capsid During Postentry Events	\$445,500
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$493,682
2014	CUNY, RESEARCH FOUNDATION	NY	R21AI105050	Diversity and dispersal routes of bat-borne paramyxoviruses in densely populated	\$156,800
2014	ROCKEFELLER UNIVERSITY	NY	R21AI105047	Integration of mucosal immune responses through the enteric nervous system	\$211,875
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$322,542
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$702,919
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$448,750

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2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI103450	New molecular techniques for T. cruzi	\$208,750
2014	UNIVERSITY OF ROCHESTER	NY	R01AI102933	Regulation of effector T cell migration within inflamed tissues	\$153,500
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$1,111,872
2014	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$558,160
2014	COLUMBIA UNIVERSITY	NY	R01AI106629	Regulation of HIV-1 Gene Expression in Latency by YY1, RuvB2, and ZAP	\$200,000
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI104471	Identifying human antibodies that potently neutralize cell-to-cell HIV infection	\$211,875
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	\$423,750
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI102891	Mechanisms of induction of protective anti-malarial CD8+ T Cells	\$350,000
2014	ROCKEFELLER UNIVERSITY	NY	R01AI103171	Molecular Mechanisms Underlying Insect Odorant Receptor Function and Modulation	\$416,105
2014	BREONICS INC	NY	R44AI081372	The Potential to Immunocloak Renal Allografts	\$1,000,000
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110071	Chemokine regulation of inflammatory monocytes during West Nile virus infection	\$35,892
2014	TECHNOVAX INC	NY	R43AI108099	Development, Production and Testing of VLP based Respiratory Syncytial Virus (RSV)	\$509,623
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI101425	Airway Cellular and Cytokine Profiles in Older Patients with Asthma	\$211,875
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R33AI098802	Small Molecule Inhibitors of P. aeruginosa Quorum Sensing (Pqs) Quorum Sensing	\$515,960
2014	COLD SPRING HARBOR LABORATORY	NY	R13AI109972	CSHL 2014 Gene Expression & Signaling in the Immune System	\$8,000
2014	CODAGENIX INC	NY	R41AI109911	Live-attenuated ETEC Anti-Diarrhea Vaccine Construction via Synthetic Biology	\$300,000
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI102852	Cognitive and immune impairments in sepsis survivors	\$2,292,587
2014	UNIVERSITY OF ROCHESTER	NY	R21AI112717	Enhanced Live Attenuated Influenza Virus With Improved Safety and Immunogenicity	\$191,875
2014	CUNY, RESEARCH FOUNDATION	NY	SC2AI116566	Mechanobiology of Neisseria Microcolonies	\$157,000
2014	COLUMBIA UNIVERSITY	NY	F30AI113963	Transcription Factors that Specify Natural Killer Cell Fate and Function	\$43,443
2014	UNIVERSITY OF ROCHESTER	NY	F30AI114036	The influence of inflammation on CD4 T cell interstitial migration	\$47,676
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI108432	Regulation of SAMHD1 antiviral activity	\$431,080
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI098302	Development of a topical malaria vaccine.	\$495,962

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2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	The role of SPNS2 in T cell responses	\$422,500
2014	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$60,021
2014	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$395,652
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$549,443
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$352,727
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	RNA Protein interactions in HIV-1 replication	\$448,750
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$653,224
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$511,376
2014	COLUMBIA UNIVERSITY	NY	K08AI101005	Role of Staphylococcus aureus SpA in Microbial Competition and Host Colonization	\$134,973
2014	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$402,500
2014	CORNELL UNIVERSITY	NY	R01AI022449	Antigen Binding, Crosslinking and Transmembrane Signaling	\$386,282
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$205,454
2014	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$172,751
2014	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,704,130
2014	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$907,071
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083509	FAIM in Immunity and Autoimmunity	\$410,850
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI084903	Pig to human thymic xenotransplantation	\$489,776
2014	SUNY, BUFFALO	NY	R01AI085127	Identification of Specific Roles for Ets-1 in B Cell Tolerance	\$393,045
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI090249	Targeting Viral Envelope Glycoproteins with Synthetic Antibodies	\$410,850
2014	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$1,487,455
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$133,638
2014	NEW YORK UNIVERSITY	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$643,064
2014	COLUMBIA UNIVERSITY	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$632,003

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2014	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$392,345
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$130,680
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$605,531
2014	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$448,135
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$89,528
2014	UNIVERSITY OF ROCHESTER	NY	R01AI081779	Paramyxovirus Assembly	\$386,250
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI102502	Macrophage Differentiation in Acute and Chronic Helminth Infection.	\$55,094
2014	SUNY, STONY BROOK	NY	R03AI101737	A Novel Strategy for Recombinant Adeno-Associated Virus Vector Production	\$78,875
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$502,673
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$2,686,508
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI104406	HTLV-1 antagonists of HIV restriction factors	\$210,069
2014	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	\$405,816
2014	TECHNOVAX INC	NY	R43AI106145	Broadly protective (universal) virus-like particle (VLP) based influenza vaccine	\$300,000
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107069	The Role of RNA in Regulating recombination and allelic exclusion	\$254,250
2014	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$528,364
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$423,750
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI104521	Regulation of programmed necrosis by CYLD cleavage.	\$294,999
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI107451	Strategy for global, unbiased mining and discovery of human monoclonal antibodies	\$254,250
2014	ROCKEFELLER UNIVERSITY	NY	R21AI107508	Molecular genetic dissection of epidermodysplasia verruciformis	\$254,250
2014	ECOHEALTH ALLIANCE INC	NY	R01AI110964	Understanding the Risk of Bat Coronavirus Emergence	\$666,442
2014	CORNELL UNIVERSITY	NY	R21AI105520	Studies of the global translational response to human virus infection	\$232,500
2014	COLD SPRING HARBOR LABORATORY	NY	R13AI109798	CSHL Harnessing Immunity to Prevent & Treat Disease Conference	\$8,000
2014	SUNY, BUFFALO	NY	R21AI102796	Molecular details of HIV fusion revealed using novel gp41 labeling	\$187,941
2014	ROCKEFELLER UNIVERSITY	NY	R37AI037526	Class Switch Recombination in B Lymphocytes	\$423,750
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI105129	Contribution of LukED to Staphylococcus aureus pathobiology	\$431,540
2014	CORNELL UNIVERSITY	NY	R01AI105265	Mechanisms limiting neonatal immunity	\$385,960
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI108715	Chemokine regulation of myeloid cell populations during West Nile virus infection	\$352,560

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	CORNELL UNIVERSITY	NY	R21AI107382	Characterizing the function of pUL33 of HSV-1 in viral DNA cleavage and packaging	\$232,500
2014	CERAMIDE THERAPEUTICS LLC	NY	R43AI106283	Single-chain antibody countermeasures for the Radiation GI Syndrome	\$300,000
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI110238	Schistosomiasis, Mucosal Immunity, and HIV Susceptibility	\$180,457
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI026170	Molecular Genetic Analysis of Mycobacterium tuberculosis	\$724,867
2014	COLUMBIA UNIVERSITY	NY	R21AI111020	R21 Orphan nuclear receptors	\$240,000
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI102240	Discovery and evaluation of anti-filovirus therapeutics targeting NPC1	\$450,053
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI097233	Maturation Intermediates of Trimeric HIV-1 Envelope as Unique Immunogens	\$284,763
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R33AI101333	Design of CNS-targeted peptide entry inhibitors for emerging henipaviruses	\$435,135
2014	INNOVIMMUNE BIOTHERAPEUTICS INC	NY	R44AI096570	Safe and Efficacious Oral MIF Inhibitors for Rheumatoid Arthritis	\$995,900
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI105180	Epitope-specific T cell activation to complement TB immunity and vaccine efficacy	\$502,456
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI112335	Mismatch repair in V region mutation and isotype switching	\$375,750
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F31AI114019	Regulation of Natural Killer Cells by TGF-beta	\$26,676
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI108399	Characterization and Generalization of a Novel Immunogenic Target on HIV-1 gp120	\$285,850
2014	SUNY, BUFFALO	NY	F32AI112254	Secretory cargo selection by p24 transmembrane proteins in African Trypanosomes	\$53,282
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI102888	Foxo1-dependent Programme in the Control of Regulatory T Cell Function	\$442,354
2014	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$386,250
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$434,532
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$246,075
2014	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,692,796
2014	COLUMBIA UNIVERSITY	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$395,597
2014	SUNY, BUFFALO	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$475,643
2014	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$569,437

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2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$920,600
2014	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$434,363
2014	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$436,534
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$373,948
2014	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$698,921
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24 a novel inhibitor of interferon and oxidative stress signaling	\$497,760
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$410,850
2014	COLUMBIA UNIVERSITY	NY	R01AI050234	Role of pfcr1 in chloroquine resistance in P. falciparum	\$400,000
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$422,500
2014	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$171,963
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$395,000
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$635,641
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$130,274
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$2,530,873
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$784,619
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI087682	ROLE OF ESXG-ESXH IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	\$89,549
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$300,156
2014	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$770,397
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$199,524
2014	COLUMBIA UNIVERSITY	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$395,942
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$456,716
2014	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$735,361
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101820	Assay development to discover therapeutics against human cytomegalovirus	\$337,101
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI105987	Reprogramming Host Immune Responses to Cure or Control Persistent HPV Infection	\$278,192
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI107258	Genome Scale Discovery of Mycobacterial Gene Function by Synthetic Genetic Arrays	\$194,410

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2014	COLUMBIA UNIVERSITY	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$471,432
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI104166	Regulation of RecA Intein splicing in M. tuberculosis	\$176,162
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,694,246
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	\$423,750
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI105502	Overcoming established anaphylactic hypersensitivity to peanuts	\$214,505
2014	SUNY, STONY BROOK	NY	R21AI103321	Inducible Gene Regulation in Mycobacteria	\$195,071
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI109324	Novel models for defining function of the BAFF/APRIL cytokine family	\$84,250
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R00AI106942	ISG15 responsive pathway	\$249,000
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI108799	Calanolides as tools to find new drug targets for Mycobacterium tuberculosis	\$173,528
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109945	Mechanisms of evasion of the innate and adaptive immune responses to filoviruses	\$1,999,999
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI112290	Staphylococcus aureus mediated targeting and killing of immune cells	\$32,786
2014	ANGION BIOMEDICA CORPORATION	NY	R43AI110004	A Therapeutic for Radiation Induced Lung Injury	\$299,948
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI083408	Self-organization of T lymphocyte activation into collective immune responses	\$537,201
2014	TRUDEAU INSTITUTE	NY	R56AI104788	iNKT and B Cell Cooperation in Immunity and Host Defense	\$243,750
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI116191	Lineage marking in humanized mice to reveal HIV-1 reservoirs	\$210,841
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	\$423,750
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI109050	Measles infection blockage by intranasal delivery of F targeting peptides	\$557,743
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$444,250
2014	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$449,341
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$361,780
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$482,934
2014	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$434,363
2014	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$389,274
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$457,250
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$43,700

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2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$422,500
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$562,101
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$380,183
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,287,670
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$491,143
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$722,349
2014	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	\$377,900
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$410,850
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI070880	Regulation of V(D)J recombination by Rag2 C terminus	\$335,610
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$131,085
2014	CORNELL UNIVERSITY	NY	R01AI085286	Genetic and Evolutionary Basis of Fungal Drug Resistance	\$328,162
2014	NEW YORK UNIVERSITY	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,811,191
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$350,152
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$797,322
2014	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	\$481,592
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research Training in HIV and Tuberculosis	\$175,433
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$380,250
2014	BRONXCARE HEALTH SYSTEM	NY	UM1AI069413	Bronx-Lebanon Hospital Clinical Trials Unit	\$143,695
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$417,500
2014	COLUMBIA UNIVERSITY	NY	R21AI103562	The use of whole genome sequencing to identify spread of USA300 in the community	\$207,320
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI095245	Control of protective immunity by innate pathways sensing bacterial viability	\$423,750
2014	CORNELL UNIVERSITY	NY	R21AI099569	Analysis of host-derived nutrient utilization pathways in M. tuberculosis	\$193,750
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$417,500

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2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI101533	Mechanistic studies of rot-mediated regulation of Staphylococcus aureus virulence	\$211,875
2014	COLUMBIA UNIVERSITY	NY	F32AI100496	Microfluidic devices for investigation of rare T cell populations	\$55,094
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$665,659
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Staphylococcus aureus LukAB Cytotoxin	\$423,750
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	\$423,750
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R13AI112228	Advances in Pediatric Food Allergy	\$6,000
2014	CUNY, RESEARCH FOUNDATION	NY	R15AI105884	BIOSYNTHESIS OF MYCOBACTERIAL DIMYCOCEROSATE ESTER VIRULENCE FACTORS	\$430,689
2014	ADJUVANCE TECHNOLOGIES INC	NY	R43AI114030	Large Scale Synthesis of the Next Generation Synthetic Saponin Adjuvant TiterQuil	\$225,000
2014	NEW YORK MEDICAL COLLEGE	NY	R03AI107431	T.gondii resistance to reactive nitrogen species	\$80,500
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI110732	Global Health Research and Training in malaria and cholera: opportunities for nov	\$172,094
2014	CORNELL UNIVERSITY	NY	R01AI110613	Regulation of neonatal immunity by let-7/Lin28	\$384,733
2014	SUNY, BUFFALO	NY	R21AI107257	Apicomplexan Drug Target Discovery	\$239,427
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F30AI110067	Characterization of a novel cofactor of the M. tuberculosis proteasome	\$32,980
2014	SUNY, BUFFALO	NY	R01AI111990	Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs	\$825,019
2014	UNIVERSITY OF ROCHESTER	NY	R01AI110764	Molecular mechanisms of caspofungin resistance in the pathogen Candida albicans	\$345,375
2014	NEW YORK UNIVERSITY	NY	R01AI108889	Mechanisms of Allostery and Molecular Recognition in the Small Multidrug Resistan	\$388,441
2014	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI110803	Effects of human cytomegalovirus on monocyte survival and differentiation	\$402,500
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109664	Therapeutics Targeting Filoviral interferon-antagonist and replication functions	\$3,211,769
2014	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$386,317
2014	UNIVERSITY OF ROCHESTER	NY	F31AI108187	Mechanisms of microRNA-451 mediated regulation of malaria infection in mice	\$42,676
2014	COLUMBIA UNIVERSITY	NY	T32AI106711	Columbia University Graduate Training Program in Microbiology and Immunology	\$91,780
2014	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$27,898
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI110606	Mechanisms of STING-Mediated Mucosal Vaccine Adjuvant Activity of Cyclic di-GMP	\$329,900
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$703,554

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2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$600,349
2014	COLUMBIA UNIVERSITY	NY	R33AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$563,704
2014	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$392,766
2014	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$3,140,305
2014	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$396,875
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$507,899
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$469,498
2014	COLUMBIA UNIVERSITY	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$400,000
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$710,989
2014	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$391,067
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$2,012,606
2014	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$418,275
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,886,154
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$374,468
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$4,173,863
2014	ROCKEFELLER UNIVERSITY	NY	U01AI088685	Genetic predisposition to tuberculosis in Morocco	\$623,948
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$612,156
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$137,643
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$73,329
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$402,500
2014	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$875,245
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$607,211
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093571	The Biology of Influenza A Virus-Generated Small RNAs	\$420,547
2014	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$422,500
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$417,500
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$382,308

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2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$420,419
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	\$192,852
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	\$516,435
2014	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	\$267,750
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$654,472
2014	COLUMBIA UNIVERSITY	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	\$400,000
2014	COLUMBIA UNIVERSITY	NY	R21AI103826	The role of XLF in hematopoietic stem cell maintenance and function	\$240,000
2014	NEW YORK UNIVERSITY	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$2,450,808
2014	UNIVERSITY OF ROCHESTER	NY	R01AI103507	Development of AK-based assays for antimicrobial screening	\$386,610
2014	UNIVERSITY OF ROCHESTER	NY	R21AI103690	Naturally Occurring Lipid Mediators Enhance Antibody Production	\$191,875
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI110130	Revolutionizing virus-host interaction studies with non-canonical small RNAs	\$35,892
2014	COLUMBIA UNIVERSITY	NY	R21AI107631	Study of rodent HCV-GBV like viruses	\$223,559
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI101801	Dissecting the roles of protein O-GlcNAcylation in Toxoplasma gondii	\$208,750
2014	New York Blood Center, Inc.	NY	R21AI109094	Critical neutralizing domain-based vaccines against new SARS-like virus hCoV-EMC	\$212,167
2014	TRUDEAU INSTITUTE	NY	R13AI109944	The Yin and Yang of Inflammation	\$6,000
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R24AI112350	Generation of Genotypically Diverse R5 SHIVs as Tools in HIV-1 Vaccine Research	\$836,848
2014	COLUMBIA UNIVERSITY	NY	R56AI076458	Asymmetric Lymphocyte Division in the Immune Response	\$400,000
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI110112	Latitudinal landscape genomics and ecology of Anopheles darlingi	\$328,319
2014	CUNY, RESEARCH FOUNDATION	NY	SC1AI114843	Mechanism of cellular recognition and entry by a circovirus	\$343,250
2014	COLUMBIA UNIVERSITY	NY	R01AI109023	Defining P. falciparum resistance to artemisinin-based combination therapies	\$446,114
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$1,028,088
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms.	\$301,803
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$473,846

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,041,394
2014	SUNY, BUFFALO	NY	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$379,812
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$694,517
2014	SUNY, STONY BROOK	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$371,300
2014	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$248,693
2014	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$412,078
2014	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,138,036
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$423,748
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083901	Regulation of the anti-phospholipid response in SLE	\$490,330
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$42,676
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI089246	Genomic Determinants of Intrinsic Antiviral Host Defenses	\$426,123
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$560,718
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI091633	Translocation through TonB-dependent transporters	\$166,000
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$487,435
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI083880	Novel Risk Factors For Vancomycin Resistant Enterococci In Persons With Cancer	\$130,437
2014	ROCKEFELLER UNIVERSITY	NY	R01AI090055	Simianizing hepatitis C: Defining the species-tropism of a hepatotropic virus	\$409,772
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$415,000
2014	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$438,750
2014	UNIVERSITY OF ROCHESTER	NY	R01AI102730	Yeast Genetic Approach to Enhance the Immunogenicity of HIV Envelope Glycoprotein	\$386,250
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$2,456,647
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,954,579
2014	COLUMBIA UNIVERSITY	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	\$400,000
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	UM1AI069532	New York University HIV/AIDS Clinical Trial Unit	\$67,226

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2014	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	\$387,270
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099970	Implementation science to optimize HIV prevention in East Africa PEPFAR programs.	\$883,496
2014	UNIVERSITY OF ROCHESTER	NY	R21AI105851	B cell presentation of antigen to CD4 T follicular helper cells	\$230,250
2014	ROCKEFELLER UNIVERSITY	NY	F32AI096890	Chemical Probes for Type III Protein Secretion in Bacterial Pathogens	\$53,282
2014	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	\$343,774
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI097333	Cytokine regulation of anti-helminth immunity	\$390,611
2014	SUNY, BUFFALO	NY	R03AI103897	Cell Wall Biogenesis in Candida albicans	\$78,167
2014	COLUMBIA UNIVERSITY	NY	T32AI100852	Columbia Integrated Training Program in Infectious Diseases Research	\$158,712
2014	SUNY, STONY BROOK	NY	R21AI100631	Identification of new compounds against fungal microbes	\$197,448
2014	AVATAR MEDICAL LLC	NY	R44AI091507	Conformational Stabilization of the HIV-1 Env Trimer	\$993,663
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI106745	Epigenetic regulation of decidual inflammation	\$423,750
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI105684	Novel serological biomarker for rapid tuberculosis diagnosis	\$208,750
2014	UNIVERSITY OF ROCHESTER	NY	F31AI112257	Regulation of integrin LFA-1 during T cell migration and activation	\$42,676
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI101393	Species selective dipeptide inhibitors for Mtb proteasome	\$211,250
2014	UNIVERSITY OF ROCHESTER	NY	P01AI102851	Tissue regulation of T cell function	\$1,714,537
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI102824	Role of TNPO3 in HIV-1 Replication	\$208,750
2014	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$365,454
2014	CODAGENIX INC	NY	R43AI109924	Ultra-low dose Influenza vaccines	\$199,904
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U19AI109761	Center for Research in Diagnostics and Discovery	\$6,269,460
2014	COLUMBIA UNIVERSITY	NY	T32AI114398	Global HIV Implementation Science Research Training Grant	\$262,170
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI110815	Role of two novel genes in IL-23 production and Th17-mediated pathogenesis in SLE	\$254,250
2014	COLUMBIA UNIVERSITY	NY	K01AI104351	Preventing Childhood Tuberculosis in Lesotho (PREVENT Study)	\$127,849
2014	THERASOURCE LLC	NY	R43AI114218	A Novel Recombinant Protein for Mitigating Total Body Radiation Injury	\$294,693
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI109946	Mechanisms of broadly neutralizing humoral immunity against influenza viruses	\$1,953,101

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	ROCKEFELLER UNIVERSITY	NY	F32AI114211	Characterization of ADAR, a key RNA editing protein with pro-viral activities	\$55,094
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI112318	Functional screening for neutralizing antibodies targeting CMV entry factors	\$254,250
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI105330	Translational control of gene expression during poxvirus infection	\$35,414
2014	UNIVERSITY OF ROCHESTER	NY	R21AI116180	Cooperation of BRD4 and TAT Associated Proteins in HIV Transcription and Latency	\$190,270
2014	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R21AI113565	Maturation of adenovirus via a new type of biochemistry	\$386,638
2014	UNIVERSITY OF ROCHESTER	NY	K08AI108870	CD8 T Cell Dysregulation in Premature Infants	\$179,680
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI108592	Solving the Artemisinin Dormancy Conundrum	\$254,250
2014	BIOPEPTIDES INC	NY	R41AI108006	Development of an Antigen Capture Assay for Babesia microti	\$300,000
2014	SUNY, STONY BROOK	NY	R01AI105114	Viral Interface with an Interferon-Induced Gene	\$462,573
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,479,991
2014	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$182,753
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$487,476
2014	COLUMBIA UNIVERSITY	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$221,447
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$3,421,345
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$1,924,836
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$399,596
2014	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$392,773
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$322,592
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$410,850
2014	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predocctoral Training Program in Immunology	\$225,993
2014	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$141,650
2014	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$416,230
2014	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$478,723
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$351,271
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,524,995

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2014	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$344,149
2014	UNIVERSITY OF ROCHESTER	NY	U19AI091036	Universiity of Rochester Center for Medical Countermeasures against Radiation	\$3,055,996
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI083219	Immunochemotherapy in Visceral Leishmaniasis	\$482,909
2014	UNIVERSITY OF ROCHESTER	NY	K23AI077759	Post-Vacc. HPV Genotype Distr. Among HIV+ and HIV - Young Women in S. Africa	\$125,075
2014	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$1,246,033
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI088106	Role of the thymic epithelium on the outcome of allogeneic transplantation	\$421,901
2014	COLUMBIA UNIVERSITY	NY	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$718,954
2014	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$422,500
2014	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$423,750
2014	COLUMBIA UNIVERSITY	NY	R01AI100059	LINK4HEALTH: A Combination Strategy for Linkage and Retention, Swaziland	\$1,460,075
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	\$415,275
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$130,113
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$465,000
2014	COLUMBIA UNIVERSITY	NY	R01AI101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	\$397,598
2014	COLUMBIA UNIVERSITY	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$398,013
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100724	A preclinical assessment of monthly intramuscular GSK1265744, an InSTI, as PrEP	\$821,392
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$366,349
2014	UNIVERSITY OF ROCHESTER	NY	R21AI105621	Targeting CD28 ligand binding	\$230,250
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$584,009
2014	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$389,941
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI107169	A novel ex vivo model of West Nile virus infection in human lymphoid tissue	\$211,875
2014	ROCKEFELLER UNIVERSITY	NY	R01AI104857	Genetic Etiology of Agammaglobulinemia with Absent B Cells	\$423,750
2014	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	\$1,203,147
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI103933	New tools to study the dynamics of HSV latency and reactivation in living neurons	\$211,875
2014	SUNY, BUFFALO	NY	F32AI100350	Regulation of a Novel Trypanosome RNA Binding Protein by Arginine Methylation	\$53,282

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2014	SUNY, STONY BROOK	NY	R21AI111129	Uracil DNA glycosylases in herpesvirus pathogenesis and DNA mutation	\$210,717
2014	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI105751	Chronic Fatigue Syndrome, Immune Dysregulation, and Non-Hodgkin's Lymphoma	\$273,447
2014	COLUMBIA UNIVERSITY	NY	F31AI098411	Targeting of AID Mutagenic Activity	\$47,676
2014	SUNY, STONY BROOK	NY	R01AI113134	Host determinants of Epstein-Barr virus lytic cycle activation	\$392,366
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F30AI109903	Molecular Regulation of Germinal Center B Lymphocytes	\$47,676
2014	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI112492	Transcriptional control in innate lymphoid type II cells	\$237,000
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI111143	Tri-Institutional TB Research Unit: Persistence and Latency	\$6,284,115
2014	COLUMBIA UNIVERSITY	NY	R01AI113365	Diversifying and Regenerating T Cell Function	\$400,000
2014	ROCKEFELLER UNIVERSITY	NY	U19AI111825	Integrating innate and adaptive pathways in vaccine responses	\$2,435,437
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI114380	Deep Sequencing to Identify B-Cell Precursors of HIV-1 Neutralizing Antibodies	\$474,250
2014	SUNY, BUFFALO	NY	R56AI114298	Pharmacokinetics and immunodynamics of multimodal nanoparticles for HIV and TB	\$119,000
2014	CORNELL UNIVERSITY	NY	R21AI108958	Selective Aryl Hydrocarbon Receptor Modulators and T cell Effector Function	\$237,313
2014	AVATAR MEDICAL LLC	NY	R43AI112124	Dityrosine Locked Prefusion F Protein: A Path To A Protective RSV Vaccine	\$298,852
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI105298	THE ROLE OF UBIQUILINS IN INNATE IMMUNITY TO TUBERCULOSIS	\$254,250
2014	CORNELL UNIVERSITY	NY	R21AI111085	Spike protein cleavage-activation and emergence of coronaviruses with extended tr	\$191,349
2014	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	UM1AI110494	Proposal for The Feinstein Center for Clinical Research in Autoimmune Disease	\$168,500
2014	New York Blood Center, Inc.	NY	R21AI111152	B. subtilis spore-delivered M2e-FP-based mucosal universal influenza vaccines	\$256,500
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$364,541
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$423,750
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$456,358
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$137,185
2014	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$546,673
2014	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$390,142
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$375,750

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2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$547,907
2014	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$182,456
2014	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$117,118
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$4,449,077
2014	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$433,674
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$774,538
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$160,733
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$410,850
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$418,275
2014	ROCKEFELLER UNIVERSITY	NY	R01AI089970	A genetic dissection of Mendelian susceptibility to mycobacterial diseases (MSMD)	\$501,584
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$132,952
2014	COLUMBIA UNIVERSITY	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$398,013
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAdete	\$422,500
2014	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$392,366
2014	COLUMBIA UNIVERSITY	NY	F31AI098409	Characterization of Antibody-Dependent Cellular Cytotoxicity in HIV Infection	\$42,676
2014	COLUMBIA UNIVERSITY	NY	UM1AI069466	Centers for Innovative Research to Control AIDS	\$188,266
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$493,362
2014	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$445,671
2014	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$36,645
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI102596	The Mechanism of Genetic Exchange in Trichomonas vaginalis	\$32,791
2014	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI095256	Combination Clostridium Difficile Toxin and Adhesin Vaccine	\$362,505
2014	COLUMBIA UNIVERSITY	NY	R01AI100044	A Combination Intervention Package for Isoniazid Preventive Therapy in Ethiopia	\$547,333
2014	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$386,719

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2014	COLUMBIA UNIVERSITY	NY	R21AI105978	Staphylococcus aureus exploitation of autophagy promotes latent infection	\$207,974
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	\$500,564
2014	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI101794	Naturally occurring human antibodies to alphavirus infection	\$199,239
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$564,366
2014	CORNELL UNIVERSITY	NY	R21AI109061	Role of DC Wnt/beta-catenin signaling in Toxoplasma infection	\$232,500
2014	ROCKEFELLER UNIVERSITY	NY	U01AI109697	Molecular, immunological, and clinical dissection of STAT1 hypermorphic mutations	\$416,916
2014	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$169,143
2014	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI105617	Dissection of Macrophage Antifungal Activity against Aspergillus fumigatus	\$265,200
2014	AMERICAN THORACIC SOCIETY	NY	R13AI109973	Establishing a prioritized research agenda for nontuberculous mycobacterial infec	\$6,000
2014	COLUMBIA UNIVERSITY	NY	R21AI109458	Genetic characterization of the murine type I Interferon locus	\$237,033
2014	BREONICS INC	NY	R43AI106362	Cell therapy for Repairing Warm Ischemically Damaged Kidneys	\$300,000
2014	ROCKEFELLER UNIVERSITY	NY	F32AI110029	Selective Enrichment of Environmental DNA for Antibiotic Producing Gene Clusters	\$55,094
2014	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI102970	Lung Microbiome and Inflammation in Early COPD	\$184,150
2014	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI103157	Mechanism of Progranulin-mediated control of septic inflammation via IL-10	\$423,750
2014	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI110854	The human innate B cell niche and role in efferocytosis	\$240,000
2014	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$656,261
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$445,233
2014	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$346,161
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087903	Folate Metabolism in Mycobacterium tuberculosis Revisited: A Potential Drug Targe	\$388,575
2014	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and immunity in pregnancy	\$584,545
2014	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$3,065,181
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI112186	CD4 T cells with specificity to noninherited maternal antigen.	\$195,000

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2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$709,536
2014	GENERAL INNOVATIONS & GOODS INC	OH	U44AI074918	Health Effects of CREON2000 in Asthmatic Children	\$1,175,500
2014	UNIVERSITY OF CINCINNATI	OH	R56AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$534,653
2014	OHIO STATE UNIVERSITY	OH	R21AI110270	Role of HIV-1 Integrase in the Late Stage of Viral Replication	\$192,240
2014	UNIVERSITY OF CINCINNATI	OH	R01AI113162	Suppression of IgE-Mediated Disease by Polyclonal Rapid Desensitization	\$337,775
2014	OHIO STATE UNIVERSITY	OH	R21AI105588	Mechanistic study of human placental infection by Listeria monocytogenes	\$231,000
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$457,872
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,389,901
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088372	Allergenicity resulting from functional mimicry of the TLR complex	\$376,324
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,621,955
2014	UNIVERSITY OF CINCINNATI	OH	R01AI083313	Chemokine-Cytokine Nexus in Fungal Immunity	\$388,575
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$340,808
2014	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	\$490,602
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI104480	Type I interferon as a mediator of immune failure in HIV disease	\$237,750
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$518,584
2014	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$1,190,652
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI103388	Regulation of adult stem cell homeostatic response to inflammatory injury	\$192,352
2014	OHIO STATE UNIVERSITY	OH	R01AI107250	Multifaceted activity of listeriolysin O during host cell invasion by Listeria	\$373,183
2014	GUILD ASSOCIATES INC	OH	R01AI111535	Detection of Biodefense Pathogens Using Phage Diagnostics	\$537,529
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$396,250
2014	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$272,399
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$360,710
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$920,172
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI093673	Role of Spi-C in eosinophil development and functional responses	\$91,932
2014	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$415,000
2014	OHIO STATE UNIVERSITY	OH	R21AI099854	Studies of the molecular mechanism of retroviral integration	\$230,688

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	OHIO STATE UNIVERSITY	OH	R00AI095348	Mechanistic analysis of a posttranslationally modified innate antiviral effector	\$244,543
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$598,256
2014	UNIVERSITY OF CINCINNATI	OH	R21AI097936	Norovirus Capsid: a Novel Drug Target	\$194,509
2014	UNIVERSITY OF CINCINNATI	OH	R21AI111062	Translational repression & Aspergillus fumigatus virulence	\$223,125
2014	OHIO STATE UNIVERSITY	OH	R21AI107238	Role of Commensal Microbiota in Stressor-Induced Immunomodulation	\$230,688
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI081743	Regulation of B Cell Function by Membrane-Cytoskeletal Remodeling	\$382,784
2014	UNIVERSITY OF CINCINNATI	OH	R21AI107244	Proteasome subunit beta5t and thymus-specific peptides in T cell selection	\$237,750
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI116171	Targeting Cytolytic Cells to Lymphoid Sites of HIV Persistence.	\$234,742
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$178,973
2014	UNIVERSITY OF TOLEDO	OH	R01AI077720	Development of Aspartate Pathway Inhibitors as Novel Antibiotics	\$360,113
2014	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$662,172
2014	MIAMI UNIVERSITY	OH	R15AI073994	Gliding motility and cytoadherence in Mycoplasma penetrans	\$319,500
2014	OHIO STATE UNIVERSITY	OH	R01AI083456	Novel Mechanisms Regulating Posttransplant Humoral Alloimmunity	\$378,597
2014	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$352,520
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$310,860
2014	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	\$385,058
2014	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$444,040
2014	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI097284	Infant Antibiotic Resistance and Implications for Therapeutic Decision-making	\$132,300
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI109512	Characterization of a Sox2 pathway in postembryonic schistosome parasites	\$79,250
2014	UNIVERSITY OF TOLEDO	OH	R01AI105084	Mycobacterial trehalose metabolism as drug targets.	\$368,750
2014	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$179,056
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI108972	CD4+ T and B cell mechanisms of influenza vaccine non-responsiveness in older adu	\$470,090
2014	OHIO STATE UNIVERSITY	OH	R21AI109522	Cellular Cofactors of Murine Leukemia Virus Integrase	\$230,688
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI103853	Molecular Mechanism of Eosinophil Cell Death	\$229,500
2014	OHIO STATE UNIVERSITY	OH	R01AI093570	Function of human lung mucosal hydrolases during M. tuberculosis infection	\$445,524
2014	OHIO STATE UNIVERSITY	OH	R21AI113462	Conserved complement binding to bacterial porins	\$231,000

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2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI113148	Detection of Latent HIV Infection Using Selective Reaction Monitoring Mass Spectr	\$277,375
2014	OHIO STATE UNIVERSITY	OH	T32AI106704	Advanced Research Training in Immunology for Surgery Trainees (ARTIST)	\$145,689
2014	Research Institute at Nationwide`s Children`s Hospital	OH	R21AI113930	Modulating Nrf2-Reguated GSH Production to Prevent Hospital-Acquired Infections	\$186,146
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI113142	Designing induction therapies to target memory T cells in high risk recipients	\$396,250
2014	UNIVERSITY OF CINCINNATI	OH	F30AI109893	FUT2 Genotype Impact on National Burden of Norovirus Infections	\$44,761
2014	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$355,000
2014	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$377,438
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$399,343
2014	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI090129	Regulation of TH2 memory/effector cells during allergic inflammation	\$378,675
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$634,125
2014	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$503,930
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$356,625
2014	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$381,250
2014	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$502,891
2014	GUILD ASSOCIATES INC	OH	R33AI100164	Bioluminescent reporter phage for the diagnostic detection of shigellosis	\$429,553
2014	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	K23AI112916	Inpatient Asthma Care for Children: Adding a Place-Based, Community-Focused Appro	\$131,490
2014	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	U54AI117804	Consortium of Eosinophilic Gastrointestinal Disease Researchers	\$1,250,000
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107131	Type III Secretion Translocon Structure and Function	\$237,750
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$396,250
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$396,250
2014	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$163,652
2014	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$378,675
2014	UNIVERSITY OF CINCINNATI	OH	R01AI089450	Receptor Mimics for Rapid Detection, Typing, and Susceptibility Testing of Influe	\$587,437
2014	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$15,000

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2014	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA Capping and Methylation in Pneumoviruses	\$381,250
2014	Research Institute at Nationwide's Children's Hospital	OH	R01AI092117	Novel Calcium Release Mechanism Regulates Dendritic Cell Function	\$362,000
2014	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$362,000
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism Based Approach to Metallo beta-lactamase Inhibition	\$409,487
2014	OHIO STATE UNIVERSITY	OH	R03AI111015	Forward genetics-based discovery of Histoplasma virulence genes	\$73,662
2014	OHIO STATE UNIVERSITY	OH	R21AI109437	Target identification and structure optimization of novel thiazole antifungals	\$231,000
2014	UNIVERSITY OF TOLEDO	OH	R56AI105128	Intravital assessment of Borrelia burgdorferi-immune cell interactions in skin	\$384,858
2014	CLEVELAND STATE UNIVERSITY	OH	R15AI109569	Structure and function of RNA viral interferon suppressor complexes	\$436,500
2014	UNIVERSITY OF TOLEDO	OH	R21AI111579	Risk stratification for sensitized patients in Kidney Paired Donation program	\$227,250
2014	OHIO STATE UNIVERSITY	OH	T32AI112542	Interdisciplinary Program in Microbe-Host Biology	\$147,892
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI109810	Exploiting the DNA damage response to selectively sculpt the T cell repertoire	\$390,000
2014	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$365,000
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI024717	Genetic Linkage in Lupus	\$424,566
2014	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,569,425
2014	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$665,175
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	\$342,874
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI098511	B cell immunity in HIV exposed uninfected infants in Kenya	\$609,802
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI103443	Roles for Exosomes in Adaptive Immunity to M. tuberculosis	\$237,750
2014	UNIVERSITY OF TOLEDO	OH	K22AI099020	Role of TRIM79 in innate immunity to tick-borne encephalitis virus	\$108,000
2014	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$358,729
2014	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI107274	cGMP Metabolism in Resistance to Bacterial Infection	\$191,250
2014	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$385,000
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI103263	W. bancrofti infection diversity and treatment response	\$198,125
2014	OHIO STATE UNIVERSITY	OH	R21AI109281	The essential P. aeruginosa pan-genome during chronic infection	\$244,340

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2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI110156	HIV eradication by ADCC-activated NK cell killing	\$217,938
2014	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,684,814
2014	OHIO STATE UNIVERSITY	OH	R01AI110310	Multimeric HIV-1 Integrase Inhibitors	\$384,792
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI107147	Schistosome Transfection Using A Cationic Polymer	\$228,133
2014	OHIO STATE UNIVERSITY	OH	R56AI109002	Chronic infection of the gallbladder by Salmonella	\$617,221
2014	OHIO UNIVERSITY	OH	R15AI105749	Landscape genetics guide NTD interventions: Chagas disease in Ecuador and Peru	\$407,558
2014	Research Institute at Nationwide's Children's Hospital	OH	R13AI112234	Seventh Annual Pediatric Asthma Conference: Community Engagement as a Bridge to Improve Asthma Outcomes	\$6,000
2014	OHIO UNIVERSITY	OH	R15AI105721	Analysis of the essential human cytomegalovirus protein, pUL34	\$445,500
2014	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$32,000
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$311,850
2014	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$513,198
2014	GUILD ASSOCIATES INC	OH	R43AI112143	A novel antisense therapeutic for treatment of Aspergillus fumigatus infections	\$170,092
2014	Research Institute at Nationwide's Children's Hospital	OH	R56AI108880	Uncovering Basic Signaling Mechanisms in NK Cells in Mice and Humans	\$454,652
2014	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI106705	Mechanisms of Transmissibility in Prion Diseases	\$1,558,580
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer Membrane Proteins of Borrelia burgdorferi	\$329,475
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI088011	The role of non-canonical base pairs in RNA editing	\$364,853
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI113020	Development of a mouse model of peptidoglycan-induced pathology	\$256,563
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity	\$167,139
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI104057	Asb2 in CD4+ T cell lineage differentiation and its plasticity	\$210,000
2014	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI090685	Broad-spectrum Antifolates for Treatment of Drug Resistant Bacillus anthracis	\$491,851
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$656,153
2014	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$441,603
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$409,773
2014	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$151,422
2014	IMMUNO-MYCOLOGICS INC	OK	R41AI104377	Rabbit InMAD Discovery of Novel Biomarkers for POC Tuberculosis Diagnostic Assay	\$299,640
2014	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI085161	Chemically diverse antimicrobials from silent biosynthetic pathways	\$366,138

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2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI103399	NADPH-Oxidase and SLE Susceptibility	\$210,000
2014	IMMUNO-MYCOLOGICS INC	OK	R41AI102311	Immunoassay for diagnosis of invasive fungal disease	\$300,000
2014	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$499,696
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI078993	Regulation of humoral immunity by NKT cells	\$403,693
2014	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI113539	Structure-function studies on a key signaling module from interleukin 17 receptor	\$179,415
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,910,854
2014	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$544,404
2014	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI112662	Prophenoloxidasases of Anopheles gambiae	\$202,774
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$367,939
2014	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	K22AI099070	Role of CD4 T cell inhibitor receptors during Plasmodium blood stage infection	\$108,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$385,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI103498	An Effector Memory T Cell-Inducing Subunit Vaccine against Malaria	\$236,250
2014	SEDIA BIOSCIENCES CORPORATION	OR	R44AI097001	Novel Single Well Avidity EIA to Determine Recency of HIV-1 Infections	\$1,000,000
2014	ARONORA LLC	OR	R44AI088937	Therapeutic factor XI blockade for sepsis	\$983,121
2014	OREGON STATE UNIVERSITY	OR	R56AI112588	Ubiquitin conjugation and direct MHC class I antigen presentation	\$351,645
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$492,182
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$395,377
2014	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$703,272
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI111008	The effect of purine stress on translation and protein stability in Leishmania	\$231,000
2014	OREGON STATE UNIVERSITY	OR	R01AI109134	A new genetic mechanism in snails that controls transmission of schistosomes	\$363,257
2014	TOMEGAVAX INC	OR	R44AI100343	A human cytomegalovirus-based immunotherapy for HIV-1	\$992,696
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$499,607
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$1,277,830
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,377,368

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2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI096854	Flagellar targeting and sensory function of a glucose transporter in <i>L. mexicana</i> .	\$56,642
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI104392	HIV Envelope-based vaccines from superinfection to elicit neutralizing antibodies	\$218,750
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112433	Graft versus host immunity in SIV clearance following stem cell transplantation.	\$262,500
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K22AI102981	Regulation of Memory CD8 T cell Trafficking to Inflamed Tissues	\$162,000
2014	UNIVERSITY OF OREGON	OR	F32AI112094	Elucidation of Host and Bacterial Factors that Influence Resilience and Robustnes	\$51,530
2014	TOMEGAVAX INC	OR	R41AI109927	CMV Vectored Herpes Simplex Vaccine	\$299,863
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$969,337
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI108401	Defining non-classical, CMV-induced CD8 T cell responses	\$218,750
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI113945	International Herpesvirus Workshop	\$8,000
2014	REED COLLEGE	OR	R01AI081879	A Model System for Host Pathogen Interaction: <i>Drosophila</i> and Its Parasitic Wasps	\$373,238
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$1,699,333
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$831,245
2014	OREGON STATE UNIVERSITY	OR	U01AI109695	Anti-IL-12p40 Treatment of CVID Enteropathy: Gene Expression/Microbiota Analysis	\$301,213
2014	OREGON STATE UNIVERSITY	OR	R21AI109435	NhaP-type cation-proton antiporters in <i>Vibrio cholerae</i> and <i>Yersinia pestis</i>	\$219,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI100569	Development of a Synergistic Drug Combination for Prevention and Treatment of Malaria	\$653,923
2014	PORTLAND STATE UNIVERSITY	OR	R01AI051629	Phoslactomycins: Biosynthesis & Activity	\$354,288
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$385,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106301	Validating novel drug targets in <i>Trypanosoma cruzi</i> polyamine biosynthesis	\$56,978
2014	SEDIA BIOSCIENCES CORPORATION	OR	R43AI114365	Development and Commercialization of an Innovative Rapid HIV-1 Incidence Assay	\$195,490
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI112837	An unconventional, effector memory T cell vaccine for influenza	\$266,343
2014	DESIGNMEDIX INC	OR	R42AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$989,081
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$220,500
2014	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with <i>Mycobacterium avium</i> pathogenesis	\$361,845

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2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI102874	Selective Inhibitors of the Hexose Transporter from African Trypanosomes	\$192,500
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$1,488,158
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	\$396,002
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106489	Development of HIV-1 vaccines targeting broadly neutralizing epitopes	\$55,094
2014	OREGON STATE UNIVERSITY	OR	R21AI110078	Strategy for anti-tuberculosis therapy	\$219,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$385,000
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$381,150
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI090490	Characterization of Vpu-mediated degradation of BST-2	\$405,900
2014	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	\$385,000
2014	VITI INC	OR	R44AI091267	A CD8+ T cell diagnostic to identify children with pulmonary tuberculosis	\$996,814
2014	TOMEGAVAX INC	OR	R41AI106090	A Synthetic Human Cytomegalovirus Vaccine Platform	\$273,060
2014	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$351,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$463,259
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$417,455
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI052199	Molecular Control of TCR Signaling and Function	\$340,619
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$383,071
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$390,056
2014	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$630,894
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$193,852
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$413,124
2014	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptible	\$1,000,000
2014	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$300,392
2014	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI073064	A novel vaccine: botulinum neurotoxin subunit on a viral carrier.	\$833,079
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$17,692
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$588,492
2014	TEMPLE UNIVERSITY	PA	R00AI099153	Regulation of EBV Latency by Chromosome Conformation	\$249,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095500	Dissecting the alphavirus entry receptor NRAMP	\$465,872
2014	PENNSYLVANIA DRUG DISCOVERY INSTITUTE	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$390,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$2,063,841

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2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI102543	T-cell immunity to polyomavirus infection	\$382,500
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI107302	Markers predicting response to therapy for KPC-producing Klebsiella pneumoniae	\$189,650
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$95,536
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$613,634
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105455	A murine model for human factor H R1210C mutation-related diseases	\$200,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$400,000
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111692	Validation and development of trans-translation as a drug target for MRSA	\$208,596
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106557	Probing mechanisms of reduced HIV reservoirs in an interferon- α clinical trial	\$200,000
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R03AI103748	Mechanisms of Immune Memory Regulation by PD-1	\$74,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105611	Determination of Exhaled Biomarkers for Low-Cost Diagnosis and Monitoring of TB	\$186,767
2014	UNIVERSITY OF PITTSBURGH	PA	R00AI097286	Regulation of Natural Killer T cell maturation, homeostasis and activation	\$249,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109267	Role of Caspase-8 in Yersinia virulence and host defense	\$240,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI113102	Simplified Assays of Latent But Inducible HIV-1 Reservoirs	\$203,943
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI106842	Protective and Pathologic Roles for CD8+ T cells in Leishmaniasis	\$400,000
2014	UNIVERSITY OF PITTSBURGH	PA	R56AI079177	B cells in the pathogenesis of allograft rejection	\$385,000
2014	FORGE LIFE SCIENCE LLC	PA	R43AI114079	A Single Antiviral to Treat Multiple Opportunistic Infections	\$224,999
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI107735	Paratransgenesis for malaria using Asaia sp. bacteria	\$396,000
2014	UNIVERSITY OF PITTSBURGH	PA	F30AI114146	Antigen discovery and validation in Pneumocystis pneumonia	\$47,676
2014	MILTON S HERSHEY MEDICAL CENTER	PA	K99AI110648	Molecular mechanisms of glycoprotein E in HSV cell-cell transmission	\$90,000
2014	THOMAS JEFFERSON UNIVERSITY	PA	R03AI109217	Role of BAFFR in antigen-specific B1b cell persistence	\$77,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI116216	An ex vivo model to predict outcomes and probe mechanism of anti-reservoir agents	\$220,000
2014	INSTITUTE FOR CANCER RESEARCH	PA	R56AI110985	Regulation of Hematopoiesis By Ribosomal Protein Paralogs	\$446,250
2014	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$231,401
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$393,590

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2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$400,000
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$373,848
2014	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$470,828
2014	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$578,747
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4Ralpha signaling pathways in human airways through 15 LO1	\$363,267
2014	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$425,186
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$198,725
2014	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$224,591
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD Training in Infectious Disease-Related Research	\$130,844
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern approaches	\$201,145
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$255,072
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$382,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R33AI082701	Gp340 and syndecan inhibition based microbicide for HIV	\$488,224
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	UM1AI069467	Philadelphia IMPAACT Clinical Trials Unit	\$46,445
2014	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	\$133,758
2014	IMMUNOTOPE INC	PA	R44AI062177	Defining T cell epitopes in Dengue virus infection	\$997,328
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI110179	Intergenic cis regulatory elements in the control of IL-2 and IL-21	\$252,000
2014	VENATORX PHARMACEUTICALS INC	PA	R01AI111539	Broad-spectrum, Orally Bioavailable Beta-lactamase Inhibitors for Biodefense	\$1,752,500
2014	APOGEE BIOTECHNOLOGY CORPORATION	PA	R43AI098309	Mitigation of Radiation-Induced Pulmonary Fibrosis by a Sphingosine Kinase Inhibi	\$293,448
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$383,380
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108585	Human mast cell-specific Mas-related Gene-X2 (MrgX2) in Anaphylaxis and Asthma	\$200,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI107595	Enzyme-based lysis of mycobacteria	\$228,750
2014	DREXEL UNIVERSITY	PA	K08AI108791	Investigation of Neonatal Influenza Pathogenesis	\$171,904
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI113490	JAK inhibition as a novel treatment for hemophagocytic lymphohistiocytosis	\$0
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI109239	Directed differentiation of HBV-specific CTL from iPSC for cell-based therapies	\$240,450
2014	THOMAS JEFFERSON UNIVERSITY	PA	R56AI073486	How bacteria corrupt the host vesicular trafficking: Interfering with host SNAREs	\$387,500

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2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI109135	Novel rabies virus vaccines that exploit innate immune signals	\$193,750
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R21AI113000	A Biomaterial Approach to Attenuate Rejection of Skin Allografts	\$180,432
2014	HEPATITIS B FOUNDATION	PA	R13AI112039	2014 International Meeting on the Molecular Biology of Hepatitis B Viruses	\$6,000
2014	MB RESEARCH LABORATORIES	PA	R43AI108208	Local Lymph Node Assay with IL-18 Endpoints	\$222,711
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI107290	Candida albicans gene expression during intra-abdominal infections	\$253,895
2014	UNIVERSITY OF PENNSYLVANIA	PA	R56AI108786	Foxp transcription factors in regulatory T cell development and homeostasis	\$396,056
2014	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$572,099
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$447,942
2014	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$357,730
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$400,000
2014	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$332,966
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$455,832
2014	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,921,458
2014	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$2,339,108
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072197	Mechanisms of social-stress enhanced allergic airway response in a mouse model	\$395,908
2014	UNIVERSITY OF PENNSYLVANIA	PA	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	\$2,514,879
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$387,500
2014	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	\$198,453
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$704,472
2014	INSTITUTE FOR CANCER RESEARCH	PA	R21AI103514	Designer Nucleases to Cure Chronic Hepatitis B	\$267,750
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103965	Complement and allergic asthma	\$200,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	\$133,758
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105794	Targeting Daxx-mediated complex for autoimmune diseases	\$232,500
2014	PENNSYLVANIA STATE UNIVERSITY	PA	K22AI101039	Dissection of RNA Storage Granules Essential to Plasmodium Transmission	\$100,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108436	Immune-based detection of rifampicin-resistance in HIV/TB	\$157,500
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$1,147,087

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2014	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111175	ReMOT Control of mosquito transgenesis	\$224,250
2014	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	\$41,137
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI113543	Origins of serum IgA antibodies	\$400,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI114266	Restriction of HIV-1 transmission by type 1 interferons	\$630,543
2014	WISTAR INSTITUTE	PA	R01AI108686	Impact of prior influenza exposures on antibody repertoires to new viral strains	\$385,850
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI104895	Colistin-resistant Acinetobacter baumannii	\$374,839
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106026	The role of IL-27 in iv tolerance in EAE	\$387,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105343	Cellular and transcriptional control of exhausted CD8 T cells lineage dynamics	\$400,000
2014	INSTITUTE FOR CANCER RESEARCH	PA	R21AI113469	Control of interferon-activated necrosis by a virus-triggered FADD checkpoint	\$223,125
2014	WINDTREE THERAPEUTICS INC	PA	R44AI102308	KL4 Surfactant to Mitigate Radiation-Induced Lung Injury	\$999,999
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI104872	Role of Stx11 and STXBP2 on lytic granule exocytosis in health and disease	\$420,000
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI111871	HIV-TB Co-infection: Tracking TB emergence after asymptomatic (latent) infection	\$679,336
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI112621	DNA Double Strand Break Mediated Feedback Inhibition of V(D)J Recombination	\$420,000
2014	DREXEL UNIVERSITY	PA	R01AI113267	Evaluation of therapeutic benefits of HBV nucleocapsid assembly inhibitors	\$588,803
2014	INSTITUTE FOR CANCER RESEARCH	PA	R56AI110457	The Immune Response to Ectromelia Virus in the Draining Lymph Node	\$605,924
2014	WISTAR INSTITUTE	PA	R01AI113047	The effect of human pre-exposure history on antigenic drift of influenza viruses	\$463,975
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI111419	Radical strategies for inhibiting the antibiotic resistance protein, Cfr	\$180,170
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$396,000
2014	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$4,102,856
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$693,284
2014	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,878,035
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$378,675
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI096553	T and B cell Homeostasis After Induction Therapy in Kidney Transplantation	\$360,058
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$134,774
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI085570	Novel virulence and exoenzyme regulators	\$360,393
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$129,951

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2014	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$14,316,606
2014	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$382,500
2014	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$380,747
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106268	Role of schistosome ABC transporters in modulation of host immune responses	\$200,000
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$945,119
2014	PENNSYLVANIA STATE UNIVERSITY	PA	K22AI095384	Genetic determinants of HSV-1 virulence in neurons	\$99,999
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103441	Defining the determinants on the alphavirus receptor NRAMP required for virus bin	\$200,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI101593	Eat-Me Signaling Cascade in the Apoptotic Cell Engulfment	\$192,500
2014	DREXEL UNIVERSITY	PA	R21AI104354	Discovery and optimization of novel diamine derivatives as HIV-1 entry inhibitors	\$189,661
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103497	Urinary Infections due to Escherichia Coli with Reduced Quinolone Susceptibility	\$280,000
2014	INSTITUTE FOR CANCER RESEARCH	PA	P01AI102853	Molecular Basis for gamma/delta T Lineage Specification	\$1,861,695
2014	DREXEL UNIVERSITY	PA	F31AI110327	The Role of Rab6A in HIV-1 Env-mediated Entry into Monocyte-Derived Macrophages	\$41,170
2014	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	\$1,566,653
2014	UNIVERSITY OF PITTSBURGH	PA	R56AI110822	Regulation of Th17 Functions in Autoimmune CNS Inflammation	\$369,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R13AI112120	Annual Woods Hole Immunoparasitology (WHIP) Meeting	\$10,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI112456	Non-CD4 tropic SIV: Enhancing CD4 T-cell help in antiviral immune responses	\$842,308
2014	INSTITUTE FOR CANCER RESEARCH	PA	R21AI111208	Functional Analysis of Candidate Genes in Primary T Cell Immunodeficiencies	\$210,595
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI107825	Negative Control of IL-17R Signaling: Implications for Fungal Immunity	\$380,584
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI113286	Alternative MHCII Processing of Influenza Virus Proteins	\$458,610
2014	INVENTOX INC	PA	R43AI114044	A New Generation of Botulinum Toxin Vaccines	\$225,000
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$182,125
2014	THOMAS JEFFERSON UNIVERSITY	PA	R03AI111091	Regulation of membrane fusion in macrophage phagocytosis	\$77,500
2014	CARNEGIE-MELLON UNIVERSITY	PA	R56AI111836	GENE EXPRESSION AND FUNCTION IN ASPERGILLOSIS	\$513,116

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2014	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$446,250
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$382,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	INSULIN-LIKE SIGNALING IN PARASITIC NEMATODE DEVELOPMENT	\$400,000
2014	TEMPLE UNIVERSITY	PA	R01AI047325	Neuropeptides and Regulatory T Cells	\$371,250
2014	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$302,766
2014	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$389,983
2014	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,952,749
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$181,667
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$209,586
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$371,575
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$423,908
2014	DREXEL UNIVERSITY	PA	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$725,474
2014	UNIVERSITY OF PENNSYLVANIA	PA	F32AI106333	A haploid cell-based screen for the discovery of Andes Virus entry factors	\$8,990
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI110201	IL-27 and Treg cells	\$400,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$790,472
2014	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$495,399
2014	TB BIOSCIENCES INC	PA	R42AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$515,802
2014	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100495	Control and manipulation of HIV-specific CD8 T-cell effector responses	\$58,946
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$418,750
2014	UNIVERSITY OF PENNSYLVANIA	PA	R33AI087383	Cloning, characterization and in vivo testing of mucosally transmitted SIV	\$480,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$227,183
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104998	Host-parasite interactions during toxoplasmosis	\$200,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105346	Mechanisms of Inflammasome Inhibition by Salmonella	\$200,000
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$597,256
2014	UNIVERSITY OF PENNSYLVANIA	PA	F30AI112023	Innate lymphoid cell regulation of metabolic homeostasis	\$29,208
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI109316	Thiol-based switches in Vibrio cholerae pathogenesis	\$240,000
2014	PROGENRA INC	PA	R43AI109980	Ubiquitin pathway inhibitors for treatment of asthma	\$222,380
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI109459	Genomic Epidemiology for Hospital Outbreak Detection	\$244,239

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2014	UNIVERSITY OF PENNSYLVANIA	PA	F30AI112426	Discovery of a Novel Immune Response to the 5' Leader of HIV-1	\$46,081
2014	UNIVERSITY OF PENNSYLVANIA	PA	F30AI114187	Single molecule FRET study of viral programmed ribosomal frameshifting	\$46,811
2014	ABZYME THERAPEUTICS LLC	PA	R43AI114214	Novel bispecific T cell engaging antibodies for treatment of Lyme disease	\$224,849
2014	UNIVERSITY OF PENNSYLVANIA	PA	F32AI114080	The Role of Myeloid Lineage Cells in Leishmaniasis	\$55,094
2014	UNIVERSITY OF PITTSBURGH	PA	R34AI110416	Cadaveric Donor Lung And Bone Marrow Transplantation in Immunodeficiency Diseases	\$231,000
2014	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,827,181
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$778,218
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$554,264
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$396,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$183,560
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$389,986
2014	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$763,552
2014	UNIVERSITY OF PENNSYLVANIA	PA	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$131,976
2014	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$2,034,408
2014	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$644,134
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081913	Interactions of Ebola virus glycoproteins with host cells	\$410,485
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI087533	Topology, Antigenicity, and Immunogenicity of the C-terminal Tail (CTT) of HIV-1	\$515,072
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$387,789
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	\$945,437
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI097677	Anti-polysaccharide antibody responses in humanized mice	\$193,750
2014	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$128,358
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$430,575
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI108296	CD163 in HIV Immunopathogenesis	\$209,375
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	\$432,968

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2014	WISTAR INSTITUTE	PA	U01AI110434	Towards Eradication: Reducing Proviral HIV DNA with Interferon-? Immunotherapy	\$1,708,367
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$878,466
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$494,896
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105679	Acetate metabolism in human cytomegalovirus infection.	\$240,000
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104878	Watching Conformational Rearrangements in Poliovirus RNA-Dependent RNA Polymerase	\$371,222
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI112696	TRIM2, a novel host factor that restricts New World Arenavirus infection	\$240,000
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI107016	Bordetella sp. Versus Microbiota	\$376,750
2014	LENIMA FIELD DIAGNOSTICS LLC	PA	R41AI112224	Rapid, Accurate, and Low-Cost Stool Clostridium difficile Genetic Test	\$300,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI111010	Donor organ-specific exosome platform for monitoring transplant organ rejection	\$240,000
2014	VIRONIKA LLC	PA	R44AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$750,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R33AI102104	Host-Oriented Therapeutics Targeting Filovirus Budding.	\$466,639
2014	UNIVERSITY OF PENNSYLVANIA	PA	R56AI059621	Early T Lineage Progenitors	\$400,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI109339	Regulation of Transcription and Translation by Human Polyomaviruses	\$220,574
2014	IMMUNOMIC THERAPUETICS INC.	PA	R43AI113914	TN-LAMP-vax: a Multi-Valent Tree Nut Allergy Immunotherapy	\$255,217
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$374,963
2014	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,594,492
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$413,450
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$379,462
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$368,360
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$400,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085160	Signals Affecting Homeostasis and Tolerance in Memory T Cells	\$385,313
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$418,750
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080654	Vibrio cholerae-host interaction at the Intestinal Interface	\$396,150
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	\$588,057
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$345,396

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular Mechanisms of Eastern Equine Encephalitis Virus Pathogenesis	\$441,258
2014	UNIVERSITY OF PENNSYLVANIA	PA	K08AI097223	Role of Macrophage Migration Inhibitory Factor (MIF) in Pneumococcal Pathogenesis	\$133,758
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104473	KSHV-encoded Small Peptides	\$200,000
2014	THOMAS JEFFERSON UNIVERSITY	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$310,000
2014	DREXEL UNIVERSITY	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$914,932
2014	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$133,759
2014	VENATORX PHARMACEUTICALS INC	PA	R44AI096679	Preserving beta-lactam utility vs pathogens producing any class of beta-lactamase	\$1,000,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097333	Cytokine regulation of anti-helminth immunity	\$31,282
2014	UNIVERSITY OF PITTSBURGH	PA	R03AI105635	NanI sialidase enhances C. perfringens host cell adherence and toxin action	\$76,625
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI102684	Integration site selection by HIV-1 and HIV-1 based vectors	\$193,750
2014	TEMPLE UNIVERSITY	PA	R03AI107434	Regulation of intestinal barrier by E. coli curli fibrils	\$78,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI105846	Mechanisms of TLR4-mediated impairment of murine and human HSC function	\$197,631
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106000	Transmitted/Founder HCV clones as targets for treatment and eradication.	\$204,546
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104441	Immune Activation and Isoniazid Metabolism in HIV/TB	\$206,473
2014	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI110328	Viral Long Noncoding RNA Functions in Epstein-Barr Virus Infection	\$367,540
2014	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI106707	Laboratory Center (LC): Microbicide Trials Network	\$2,644,622
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI105168	Early Events in Pneumococcal Colonization	\$394,742
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	K23AI102639	Rifampicin Malabsorption in HIV+ Patients: Mechanisms and Recovery after HAART	\$120,960
2014	UNIVERSITY OF PITTSBURGH	PA	U01AI110410	Dipyridamole as a Modulator of HIV-1 Inflammation by Adenosine Regulation	\$640,365
2014	TEMPLE UNIVERSITY	PA	R21AI105370	The role of curli fibrils in modulating immune responses in the gut	\$233,125
2014	VENATORX PHARMACEUTICALS INC	PA	R43AI109879	Broad-spectrum, orally-bioavailable beta-lactamase inhibitors	\$299,600
2014	DREXEL UNIVERSITY	PA	R01AI106633	Antiviral Synergism of Inhibitors Targeting HIV-1 Env and Host Cell Co-Receptors	\$200,000
2014	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI106270	A Novel Therapeutic for Invasive Candidiasis	\$750,000
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$293,125
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104854	HSV-2 immune evasion as a virulence factor	\$400,000

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2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI109256	Ubiquitin complexes that limit inflammation and cytokine production in allergy	\$420,000
2014	UNIVERSITY OF PITTSBURGH	PA	R21AI110351	Cyst effector gene families and Toxoplasma pathogenesis	\$229,875
2014	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105160	TRUSS as a novel regulator of inflammatory genes in asthma	\$193,750
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$398,360
2014	UNIVERSITY OF PENNSYLVANIA	PA	U01AI095608	Regulation of protective immunity following enteric viral infection	\$360,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$364,992
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$400,000
2014	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$291,537
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$329,620
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$247,363
2014	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$448,723
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	\$735,960
2014	DREXEL UNIVERSITY	PA	R01AI098413	Molecular Pathways Targeted by Potent Antimalarial Pyrazole Compounds	\$488,674
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$375,737
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$380,821
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103785	Innate Immune Regulation of Intracellular Pathways Involved in Filovirus Budding	\$240,000
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$384,063
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$237,248
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R33AI082680	Phosphorothioate Oligonucleotides as Microbicides against HIV Transmission	\$442,778
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105046	Natural Th17 cells in allergic airway disease	\$240,000
2014	INSTITUTE FOR CANCER RESEARCH	PA	R21AI104212	Picornavirus-initiated inflammation: novel parallels from Drosophila	\$267,750
2014	VENATORX PHARMACEUTICALS INC	PA	R44AI096613	Phase II SBIR: Responding to NDM-1 - Advancement of a new MBL inhibitor to IND	\$1,000,000
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	\$650,233
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105959	Blocking immune evasion as a novel immunotherapy for recurrent HSV-2 infection	\$199,998
2014	UNIVERSITY OF PENNSYLVANIA	PA	R01AI111789	Harnessing type 1 IFN-stimulated antiviral mechanisms for HIV vaccine design	\$217,200

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2014	UNIVERSITY OF PITTSBURGH	PA	R03AI109605	Intrinsic Effects of Tim-3 on T cell exhaustion and TCR signaling	\$76,625
2014	DREXEL UNIVERSITY	PA	R21AI103838	Molecular Mechanisms of ZAP/ISG20 mediated HBV RNA Decay	\$234,501
2014	THOMAS JEFFERSON UNIVERSITY	PA	R03AI105724	Induction of polysaccharide vaccine responses in the young by interleukin-7	\$77,500
2014	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI111285	Pathogenic interaction of enterovirus 71 with PSGL-1 on human leukocytes	\$254,000
2014	UNIVERSITY OF PENNSYLVANIA	PA	F31AI114227	Understanding the role of IL-22 in cutaneous leishmaniasis	\$42,676
2014	THOMAS JEFFERSON UNIVERSITY	PA	R03AI112624	B1 cell-mediated immunity in Human Immune System mice	\$77,500
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI112713	A strategy for point-of-care molecular detection of parasitic helminth infections	\$240,000
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI104946	Puf-Mediated Translation Control in Plasmodium	\$368,544
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108627	Interaction between microbiota and dendritic cells in mucosal tolerance	\$240,000
2014	UNIVERSITY OF PITTSBURGH	PA	R01AI105018	Signaling and Selection in Germinal Center B Cells	\$379,737
2014	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI109561	Detection of M. paratuberculosis in Crohn's Disease	\$211,053
2014	FORGE LIFE SCIENCE LLC	PA	R43AI110048	Host-Targeted Mechanism of Action for Treatment of Seasonal and Pandemic Influenz	\$225,000
2014	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R56AI077414	Restoring anti-viral immunity during HTLV-associated neuroinflammatory disease	\$473,229
2014	UNIVERSITY OF PENNSYLVANIA	PA	R21AI110869	Resident memory T cells in leishmaniasis	\$240,000
2014	PONCE MEDICAL SCHOOL FOUNDATION INC	PR	SC1AI112785	Molecular Neuro-pathogenesis of Congenital Cytomegalovirus Infection	\$324,280
2014	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	Integrated University of Puerto Rico Clinical Trials Unit	\$1,667,675
2014	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	R13AI115934	Fourth Pan American Dengue Research Network Meeting	\$5,000
2014	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK Cells During Viral Infection	\$397,058
2014	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Providence/Boston Center for AIDS Research (CFAR)	\$2,612,007
2014	RHODE ISLAND HOSPITAL	RI	R21AI107618	Control of HBV replication at the step of core and P protein translation	\$198,750
2014	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,248,902
2014	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$472,650
2014	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$155,224
2014	GORDON RESEARCH CONFERENCES	RI	R13AI112021	2014 NOX Family NADPH Oxidases Gordon Research Conference and Gordon Research Sem	\$12,000

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2014	GORDON RESEARCH CONFERENCES	RI	R13AI112188	2014 Cellular and Molecular Fungal Biology Gordon Research Conference	\$7,000
2014	RHODE ISLAND HOSPITAL	RI	R01AI110699	PfSEA-1 based vaccines for falciparum malaria	\$442,090
2014	GORDON RESEARCH CONFERENCES	RI	R13AI112168	2014 Biology of Host-Parasite Interactions Gordon Research Conference	\$6,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI112169	2014 Immunochemistry & Immunobiology Gordon Research Conference & Gordon Research	\$9,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI113740	2014 Drug Resistance Gordon Research Conference	\$6,000
2014	RHODE ISLAND HOSPITAL	RI	R21AI103648	Hepatitis B virus genotypes B and C	\$238,500
2014	GORDON RESEARCH CONFERENCES	RI	R13AI109793	2014 Antibody Biology & Engineering Gordon Research Conference and Gordon Researc	\$7,000
2014	MIRIAM HOSPITAL (THE)	RI	R21AI106392	HIV Drug Resistance Monitoring in Chennai, India	\$210,381
2014	BROWN UNIVERSITY	RI	R21AI112363	Genotypic plasticity and parasex in Candida albicans	\$243,750
2014	GORDON RESEARCH CONFERENCES	RI	R13AI114232	2014 Bacterial Cell Surfaces Gordon Research Conference	\$7,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI114065	2014/2015 Enzymes, Coenzymes and Metabolic Pathways Gordon Research Conferences	\$6,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI112004	2014 Chemotactic Cytokines Gordon Research Conference and Gordon Research Seminar	\$11,000
2014	RHODE ISLAND HOSPITAL	RI	R21AI107520	S.japonicum, anemia, and iron transport in human pregnancy	\$238,500
2014	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$130,032
2014	GORDON RESEARCH CONFERENCES	RI	R13AI111916	2014 New Antibacterial Discovery and Development Gordon Research Conference	\$7,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI109838	2014 Biology of Acute Respiratory Infection Gordon Research Conference and Semina	\$7,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI111919	2014 Microbial Stress Response GRC/GRS	\$7,000
2014	GORDON RESEARCH CONFERENCES	RI	R13AI108664	2014 Biology of Spirochetes Gordon Research Conference & Gordon Research Seminar	\$6,000
2014	RHODE ISLAND HOSPITAL	RI	R01AI101274	Schistosome Vaccines	\$340,683
2014	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$373,233
2014	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$382,110
2014	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$8,000
2014	RHODE ISLAND HOSPITAL	RI	R03AI099724	Fibrosin: A Candidate Biomarker of Schistosomal Liver Fibrosis in Humans	\$79,500
2014	GORDON RESEARCH CONFERENCES	RI	R13AI114053	2014 Microbial Toxins and Pathogenicity Gordon Research Conference & Gordon Resea	\$8,000
2014	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$368,750

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2014	NUBAD LLC	SC	R41AI114114	Development of Peptide Antibiotic Nucleic Acids	\$295,755
2014	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	\$345,252
2014	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	K22AI095372	Treatment of transplanted and established multiple myeloma using oncolytic myxoma	\$108,000
2014	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	\$284,859
2014	CLEMSON UNIVERSITY	SC	R21AI105656	pH and glucose sensing in Trypanosoma brucei glycosomes	\$198,021
2014	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R34AI114453	Mesenchymal Stem Cell Therapy for Active Systemic Lupus Erythematosus	\$255,067
2014	UNIVERSITY OF SOUTH CAROLINA	SC	R03AI116423	Cellular expression and regulation of interleukin-27 in the neonatal immune system	\$73,250
2014	CLEMSON UNIVERSITY	SC	R03AI107950	Stress Induced Control of Protein Translation in Entamoeba Histolytica	\$73,613
2014	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI109385	Targeting P. aeruginosa penicillin-binding proteins for drug discovery	\$224,250
2014	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI107379	Study of Novel Influenza C Virus	\$214,980
2014	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$144,669
2014	UNIVERSITY OF SOUTH DAKOTA	SD	R15AI107727	Chlamydial lipid acquisition and host response	\$443,313
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$570,988
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI103834	Human neutralizing monoclonal antibodies for Rift Valley fever virus	\$212,803
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI110578	Developing therapeutics to treat chronic infections	\$746,404
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI105887	Metabolic checkpoint in TH17 cell differentiation	\$437,500
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI113490	JAK inhibition as a novel treatment for hemophagocytic lymphohistiocytosis	\$311,500
2014	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI109581	Genetics of trans-kingdom interactions between Candida and bacteria	\$421,985
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$119,142
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$437,500
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$375,000
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$370,700
2014	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$241,426
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083370	Molecular basis for parainfluenza virus infection and host response	\$415,800

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2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$389,664
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$386,100
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$107,911
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$390,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI098383	Elucidating the regulation of interleukin-35, a regulatory cytokine, in T cells	\$19,673
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$437,500
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI101526	Role of TRIM56 in Antiviral Innate Immunity	\$187,500
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$361,968
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$172,098
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI114339	A Competition Binding Assay for Identifying Novel HIV-1 Capsid Ligands	\$352,875
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI105197	Signaling pathways that interface with Klf2 to regulate B cell migration	\$235,500
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI113150	Evaluating the Functional Antibody Response to Pediatric S. aureus Infections	\$172,097
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108778	CopN mechanism as a key to understanding Type Three Secretion in bacteria	\$392,124
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$300,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$415,800
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$149,982
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$397,047
2014	MEMPHIS STATE UNIVERSITY	TN	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	\$495,751
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of Novel Proteins Synthesis Inhibitors for MDR Tuberculosis	\$1,013,892
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI107233	Imaging the struggle for nutrient metal between host and pathogen	\$195,000
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F30AI114262	The Role of Group 2 Innate Lymphoid Cells in RSV-Induced Airway Dysfunction	\$28,989
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI113292	Fit to remember B cell metabolic 'fitness', AMPK & recall antibody responses	\$392,500
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI106875	Innate Gut Epithelial Mechanisms of Immunity	\$445,000

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2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$390,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$387,209
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$506,214
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$390,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI088729	Influence of maternal antibodies on a Sendai virus-vectored RSV vaccine	\$566,924
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	\$473,262
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$2,716,438
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$437,500
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$845,537
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial Virulence Factors	\$85,014
2014	IMMUNO TECHNOLOGIES, INC.	TN	R44AI096551	Lab on a chip point of care assay for the rapid serodiagnosis of Lyme disease	\$1,000,000
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI112324	Understanding the molecular mechanisms of H. pylori VacA pore-formation	\$27,335
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI106420	Fluoroquinolone resistance in patients with multidrug-resistant tuberculosis	\$166,788
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050083	The Cell Biology of Coronavirus Infection	\$347,490
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI089554	Virology Training Program	\$183,560
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$392,000
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$2,656,082
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$126,144
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI108192	Elucidating the A. baumannii response to calprotectin-mediated zinc starvation	\$53,282
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI109690	Novel biochemical and functional targets of PARP	\$235,466
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$340,586
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI052199	Molecular Control of TCR Signaling and Function	\$96,881

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$388,898
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infection Research Program	\$232,132
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$119,449
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI108481	Regulation of HIV-1 Host Factor Interactions by Cyclophilin A	\$27,278
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$455,432
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI111449	Development of Aminoglycosides for Biodefense	\$691,964
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$390,000
2014	UNIVERSITY OF TENNESSEE	TN	R21AI113386	Effect of the gut microbiota on malaria	\$217,620
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI107145	High-throughput Screening for Inhibitors of Human Metapneumovirus	\$234,750
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$547,101
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$386,100
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$375,000
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$389,664
2014	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$353,735
2014	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$143,061
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$458,894
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091691	The Role of Human Rhinoviruses in Premature Infant Respiratory Disease and Asthma	\$123,474
2014	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI095637	CHARACTERIZATION OF A NOVEL HOST PATHWAY THAT REGULATES CHLAMYDIAL DEVELOPMENT	\$376,837
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI100643	Mechanical basis of T cell receptor triggering	\$406,830
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI104352	Tuberculosis Risk and Highly Active Antiretroviral Therapy Initiation	\$135,257
2014	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$563,189
2014	MEMPHIS STATE UNIVERSITY	TN	R21AI099367	Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	\$196,290

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2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI101853	Genetic Basis For Predisposition To Immune Based Disease	\$175,000
2014	UNIVERSITY OF TENNESSEE	TN	R01AI105690	Screen for phosphatidyserine synthase inhibitors: antifungals & lipid probes	\$393,091
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI111820	PGI2 regulation of TSLP-mediated allergic inflammation in the lung	\$391,875
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI113107	Host-pathogen interactions during osteomyelitis	\$172,098
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R13AI112066	International Congress of Virology	\$5,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Activation-Induced Cell Death in T Cells	\$437,500
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI102544	The Role of LRP in the Activation of Invariant Natural Killer T Cells	\$27,516
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$420,000
2014	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$137,110
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI110750	Hybrid Methods for Prediction and Design of Novel Human Influenza Antibodies	\$433,256
2014	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$2,276,696
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$397,500
2014	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$382,653
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$28,233
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI047923	Alternative Approaches for E. faecalis Infections	\$686,647
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093491	Novel Vaccine Technology for Chikungunya	\$641,963
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$391,250
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$723,876
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$14,000,000
2014	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	\$1,915,116
2014	TERAPIO CORPORATION	TX	R44AI081356	Development of RLIP76 protein as a Radiation Countermeasure	\$1,000,000
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI102621	Role of SNARE proteins in HIV-1 assembly and release	\$75,500
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI104960	Application of Imaging to Development of Tuberculosis Interventions	\$453,203

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2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	K08AI108794	Functional dissection of the retron St-85 of Salmonella Typhimurium	\$8,525
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI107570	Genetic determinants of bacterial fitness in polymicrobial wound infections	\$241,644
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI107432	Obesity and Allergic Airway Hyperresponsiveness	\$76,000
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI109127	A novel anti-inflammatory role for the neutrophil NADPH oxidase	\$238,500
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI113200	A new mammalian-specific function for OspC in Lyme borreliosis	\$218,250
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI116222	Novell small molecules to reactivate latent HIV and sensitize to anti-viral therapies	\$218,625
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109090	Prediction and Classification of Allergenicity in a Protein Family	\$238,569
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI098724	Novel gene-silencing therapeutics for multidrug-resistant gram-negative pathogens	\$372,084
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$736,800
2014	LYNNTECH, INC	TX	R43AI109938	Enhanced Efficacy Photodynamic Disinfection	\$300,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	R56AI080656	Regulation of Rotavirus Replication	\$432,549
2014	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI103668	Bacterial-type hexokinase (HK) in the opportunistic parasite Cryptosporidium parv	\$214,362
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI050848	Mechanism of host innate immune system sensing Candida albicans infection	\$305,275
2014	BAYLOR COLLEGE OF MEDICINE	TX	R21AI116173	Role of P-TEFB in HIV latency	\$236,491
2014	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI111793	Optimized Antimicrobial Combinations to Suppress Resistance	\$518,760
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F32AI114182	Structure-function analyses of bacterial Type IV secretion system subassemblies	\$51,530
2014	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI106743	Optimizing IMPDH inhibitors for the treatment of cryptosporidiosis	\$697,416
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI083359	Type III effector regulation of host GTPase signaling	\$451,609
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$368,858
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$619,093
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$371,250
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$432,358
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$40,606

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2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$376,850
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080681	Evasion of intrinsic antiviral host cell responses by herpesviruses	\$379,913
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$376,503
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$393,525
2014	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098976	Molecular effects of SUMOylation on influenza virus infection: SUMO and NS1	\$261,625
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Nutrient Uptake during Anthrax Disease	\$391,250
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	\$964,053
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	\$432,230
2014	RICE UNIVERSITY	TX	R21AI103777	Astrovirus structure and replication	\$191,475
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI105568	Rapid Ligand Pairing Strategy to Simplify Diagnostic Immunoassay Assembly	\$228,750
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI103248	Nitrate respiration by Salmonella during gut inflammation	\$238,500
2014	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$978,663
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095753	Effects of Arboviral Population Diversity on Transmission	\$375,542
2014	TEXAS TECH UNIVERSITY	TX	R21AI106400	Characterization of the antiviral activity of BCA2	\$191,748
2014	LYNNTECH, INC	TX	R43AI113950	Antimicrobial Microbead Containing Topical Gel for Burn Wound Disinfection	\$299,994
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111023	Identification of novel M. tuberculosis secreted effector proteins	\$195,342
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI110140	The lnc to clinical abnormalities in 22q11_2 deletion DiGeorge syndrome	\$30,188
2014	SOUTHERN METHODIST UNIVERSITY	TX	R15AI109624	Bicyclic beta-Lactam Antibiotics as Poor Substrates for Metallo-beta-lactamases	\$438,212
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI103652	Study Sox4 regulated genes in B cell development in a novel in vitro system	\$240,000
2014	TEXAS A & M UNIVERSITY	TX	R56AI108987	Characterization of Clostridium difficile spore germination	\$323,876
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI102503	Molecular bases of DAP-resistance-mediated sensitization to beta-lactams in MRSA	\$300,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	R56AI054830	Combatting Antimicrobial Resistance	\$393,958
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R56AI114357	Identifying host factors involved in HIV-induced cell death with CRISPR-mediated	\$377,500

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2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI095293	Bacillus Anthracis and Complement	\$356,712
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$290,120
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$419,653
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$2,553,625
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$451,068
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$418,063
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$363,750
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI103260	Does ampicillin resistance or clade type determine GI colonization by E. faecium	\$190,000
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI103771	Role of DNA Ligands in Innate Immunity	\$77,438
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106574	Inhibition of HIV by GPI-anchored Antibody Derivatives	\$200,000
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$472,684
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI105813	Epigenetic downregulation of the antibody and autoantibody response	\$299,841
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109088	Antiviral Innate Pathways and Superoxide Dismutase in RSV Bronchiolitis	\$231,938
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI110432	Post-initiation regulatory mechanisms controlling ethanolamine utilization	\$431,000
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI111464	Preclinical Development of Novel Rickettsiosis Therapeutics Targeting EPAC1	\$1,538,676
2014	BAYLOR RESEARCH INSTITUTE	TX	R01AI105066	DC-ASGPR as Novel Target for Controlling GVHD and Allograft Rejection	\$330,586
2014	UNIVERSITY OF TEXAS, EL PASO	TX	R15AI105823	Mechanisms in Viral RNA Replication Complex Assembly: Novel Targets for Antivira	\$453,000
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107419	Malnutrition-related Lymph Node Dysfunction and Risk of Visceral Leishmaniasis	\$232,438
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K22AI097345	Interrogating the Interaction between Toxoplasma Secreted Factors and the Host Im	\$162,000
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI103763	Protein nanoclusters for delivery of high concentration therapeutic antibodies	\$180,816
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI113274	NF-kB Signaling Insights from a Rare X-linked Immunodeficiency Syndrome	\$397,500
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI113206	Establishment of a Transgenic Mouse Model for Middle East Respiratory Syndrome Co	\$232,250

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2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$350,086
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$344,250
2014	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,504,659
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$426,433
2014	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,639,852
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$107,851
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$369,743
2014	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$235,984
2014	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$3,206,850
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$330,244
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$826,050
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	\$513,612
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$316,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$393,250
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$332,910
2014	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	\$419,620
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$397,500
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI099150	Novel host factors in selective autophagy of viruses	\$130,356
2014	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$506,531
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI077679	Translational Regulation in Bronchial Epithelial Cells	\$380,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	\$188,897
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105710	Endogenous Retroviruses and the Immune Response to Pathogens	\$187,675
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI106958	The role of indolamine2,3-dioxygenase in the host response/pathogenesis of Venezu	\$174,100

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2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105789	An innovative approach to improve the activity of an aluminum-containing adjuvant	\$231,140
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R03AI105700	Rapid Detection of Antibodies to Adenovirus 36	\$76,000
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI103565	A novel role of NF-kB in viral-induced airway oxidative stress	\$231,938
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI103812	L. Brazilensis Vaccine Antigens and T-cell Quality in Protection	\$77,417
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$508,934
2014	TEXAS A & M UNIVERSITY	TX	R21AI107138	Investigate the multifunctional adhesins in Cryptococcus	\$177,793
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105536	Ehrlichia Type-1 Secreted Effectors Exploit Host SUMO Pathways	\$191,250
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI111753	Circumventing Antibiotic Resistance with Novel Gene-Silencing Therapeutics	\$215,059
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI106514	Studies of HIV and Host Transcriptional Control by Tat	\$381,676
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI107135	The use of the pregnant sheep model in vaccine safety studies against brucellosis	\$181,875
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI109523	Signaling Molecules in Mycobacterium tuberculosis	\$72,750
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105962	Therapeutic immunization to impact HSV-2 latency and associated pathogenesis	\$232,500
2014	BAYLOR COLLEGE OF MEDICINE	TX	R21AI110263	Mechanisms of Reactivation of Latent HIV by HDAC Inhibitors	\$234,750
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI111042	Role of Reactive Oxygen Species in Nipah Virus Pathogenesis	\$193,698
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI113724	SK channel antagonists as novel bronchodilators for asthma	\$221,280
2014	BAYLOR COLLEGE OF MEDICINE	TX	K22AI104761	Parameters T-Cell Receptor avidity during thymic selection in autoimmune diabetes	\$162,000
2014	KJ BIOSCIENCES LLC	TX	R43AI108072	A novel broad-spectrum influenza vaccine	\$300,258
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$333,938
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead Optimization of DHODH Inhibitors for Malaria	\$595,447
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$380,000
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$386,105
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$576,550
2014	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$615,876

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$393,525
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,627,681
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretary Immunological Synapse	\$353,925
2014	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$726,556
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolyticus T3SS1	\$393,525
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in P. Chabaudi Malaria	\$391,804
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$378,675
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	\$401,322
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI093533	Mechanism and pathophysiological significance of mast cell regulated exocytosis	\$462,600
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	\$397,500
2014	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098238	Regulation of the HIV cofactor activity of LEDGF/p75 by interacting proteins	\$336,375
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$393,750
2014	LUMINEX CORPORATION	TX	R01AI096228	Systems for rapid development of high sensitivity multiplex assays for biothreat	\$507,474
2014	BAYLOR RESEARCH INSTITUTE	TX	R01AI097348	Understanding the early and late endosomal TLR9-mediated responses to viral DNA.	\$392,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$379,950
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$168,125
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$412,827
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101772	Development of a Novel Rift Valley Fever Virus Vaccine	\$193,333
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$799,742
2014	BAYLOR COLLEGE OF MEDICINE	TX	R21AI103724	Relapsing Fever Spirochete Protein Production within the Vector	\$198,781
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI103708	Mechanism of streptococcus virulence regulation by bacterial peptide signals	\$196,875
2014	NORWELL INC	TX	R44AI071634	Evaluation and Production of a Multivalent Adenoviral Plague Vaccine	\$951,043

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2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI105651	Virulence factor identification by comparative transcriptomics in Candida species	\$190,000
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$371,200
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI103643	Structural Components of the Campylobacter jejuni Polar Flagellar Motor	\$139,110
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI109398	Regulatory T cells to improve Sertoli cell protection of transplanted islets.	\$448,871
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI103627	Characterization of C02 Sensing and Regulatory Response in Borrelia burgdorferi	\$72,750
2014	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI110771	MIF inhibition as a novel treatment for autoimmune myocarditis	\$220,500
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	\$226,500
2014	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI116567	Role of Cholesterol Metabolism in Pathogenesis of Mycobacterium Tuberculosis	\$359,650
2014	AI BIOSCIENCES INC	TX	R43AI107984	A Sensitive and Serotype-Specific Dengue Diagnostic Test for Low-Resource Setting	\$199,859
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	F30AI112277	STING as an Evolutionary Barrier to Dengue Transmission Between Primates	\$33,276
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI106731	FlhE as a probe for the flagellar Type III secretion pore	\$231,750
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI110513	Deconstructing the allo-specific memory B cell response	\$411,709
2014	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$422,322
2014	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$367,500
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$391,250
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$434,124
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$666,363
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$430,812
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$375,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$170,520
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079110	Using Chemical Biology to Interfere with the Influenza Virus Life Cycle	\$393,525
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$393,525
2014	BAYLOR RESEARCH INSTITUTE	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$392,000

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2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI094800	Role of Type I Interferon in Allergic Asthma	\$29,899
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$382,500
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	\$464,058
2014	UNIVERSITY OF TEXAS AT DALLAS	TX	K22AI099088	CRISPR defense and acquired antibiotic resistance in Enterococcus faecalis	\$107,776
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	\$511,544
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$686,592
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI108259	HIV-Induced Immune Activation in Humanized Mice	\$226,500
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$387,188
2014	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI103295	Development of Monoclonal Antibody (Mab) Biologics against Neonatal Candidiasis	\$73,500
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$381,345
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI104870	The contribution of GPCRs to thymocyte medullary entry and central tolerance	\$373,170
2014	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI109630	Inhibition of neutrophil responses by ecSOD	\$73,000
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R15AI105763	Pseudomonas aeruginosa and Staphylococcus aureus Interspecies Interactions in Wou	\$448,435
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI104177	Pneumococcal Cardiotoxicity During Invasive Pneumococcal Disease	\$30,209
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI109100	Damage-associated Alarmin Key to Immune Responses in Viral Hepatitis	\$232,313
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI112015	Development of novel quantitative methods for in vivo assessment of mucosal irrit	\$618,758
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101413	Mechanisms of Cytosolic Clearance of Rickettsiae	\$232,188
2014	TEXAS ENGINEERING EXPERIMENT STATION	TX	R03AI113585	Microvesicle Isolation from Mycobacterium tuberculosis infected macrophage using	\$68,490
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI116208	Adipose Tissue is a significant reservoir for HIV	\$252,313
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$420,757
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$295,502
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$393,525

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2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$380,787
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Epithelial innate signaling in airway inflammation and remodeling	\$1,528,891
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$373,650
2014	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI087741	The Structural Basis of Viral RNA Sensing by the RIG-I Like Receptors	\$322,650
2014	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$270,743
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI097576	Genetic Analysis of Host Specificity in Schistosoma mansoni	\$580,942
2014	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI095680	The Innate Immune Response in the Marmoset Model of GBV-B Infections: A Surrogate	\$552,679
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	\$641,471
2014	TEXAS HEART INSTITUTE	TX	R01AI095575	HTS platform for identification of regulators of cell adhesion molecule signaling	\$382,500
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Effector Proteins in Coxiella burnetii	\$417,027
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI098384	Bacterial avoidance of innate immune detection	\$55,094
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI106654	Effector and memory T follicular helper cells	\$200,000
2014	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI106200	Control of Treg exhaustion by OX40	\$232,969
2014	BAYLOR COLLEGE OF MEDICINE	TX	R03AI099405	Role of STAT3 in the pathogenesis of Inflammatory Bowel Disease	\$78,250
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI110101	Functional similarity of PRD-containing virulence regulators in B. anthracis	\$29,006
2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	K08AI113317	Daptomycin Resistance in Enterococcus faecium	\$148,618
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI104476	Retroviral capsid recognition by TRIM5alpha restriction factors	\$331,163
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI109711	Advancement of Treatments for Ebola and Marburg Virus Infections	\$5,687,856
2014	BAYLOR COLLEGE OF MEDICINE	TX	R56AI108467	Replication and pathogenesis of pigtail-tropic HIV-1	\$510,275
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI102267	Bioavailable proteasome inhibitors as broad-spectrum antivirals	\$415,689
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$381,150
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$32,619

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2014	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	\$494,407
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$477,000
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$397,500
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$339,304
2014	RICE UNIVERSITY	TX	R01AI055475	Synthesis of Anti-Infective Agents	\$607,177
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$148,942
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$400,975
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$384,044
2014	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$422,174
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090119	Regulated Intramembrane Proteolysis of CREB3L1 in Innate Antiviral Response	\$393,525
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$383,775
2014	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$279,180
2014	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$1,138,295
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI085371	Using the MHC class I cytoplasmic tail to control tumor Ag presentation by DCs	\$395,000
2014	PULMOTECT INC	TX	R44AI092904	Rapidly boosting innate immunity in the lungs to protect against pneumonia	\$308,146
2014	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$403,550
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI100489	Photocrosslinking characterization of heat-labile toxin glycoreceptors	\$55,094
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107227	Mitochondrial Biomarkers of Cardiomyopathy and Cure in Chagas Disease	\$193,594
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI104298	Impact of glycosylation on PsrP function	\$13,192
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	\$397,500
2014	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$400,000
2014	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$356,664

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2014	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI105454	Role of type IV secretion-mediated protein translocation in E. faecalis	\$190,000
2014	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	\$162,904
2014	AI BIOSCIENCES INC	TX	R43AI106239	A rapid, accurate, and easy-to-use diagnostic assay for STIs	\$224,899
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI107033	Characterization of tRNA-derived RNA Fragments (tRFs) in Respiratory Syncytial Vi	\$386,979
2014	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI114344	Suppressing HIV infection by disrupting CCR5 with double nicking CRISPR-Cas9 syst	\$75,500
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI106859	Ehrlichia T1S Effector Regulation of Host Gene Transcription	\$383,293
2014	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI111985	Short course therapy for MDR-TB based on PK/PD answers for biological variability	\$895,969
2014	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	In vitro passages to accumulate mutations in non-essential genes for identifying in vivo virulence factors	\$371,557
2014	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	Mechanism of RNA synthesis and 5' capping by dengue virus NS5 polymerase	\$382,750
2014	BIOFIRE DIAGNOSTICS INC	UT	R03AI112865	Pilot utility and prospective performance study of a rapid automated diagnostic f	\$93,000
2014	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$372,500
2014	UNIVERSITY OF UTAH	UT	R01AI080830	The role of antigenic stimulatory strength in the selection and differentiation o	\$368,775
2014	UNIVERSITY OF UTAH	UT	R25AI095212	Your Body's Microbial Ecosystem: Web-based Curriculum for Secondary Science	\$44,418
2014	BIOFIRE DIAGNOSTICS INC	UT	R01AI104593	Performance Validation of a Multiplexed IVD System for Gastrointestinal Pathogens	\$1,123,172
2014	UNIVERSITY OF UTAH	UT	R01AI111495	Surface-enhanced Raman Spectroscopy Immunoassay for Detection of Category A Patho	\$918,238
2014	UTAH STATE UNIVERSITY	UT	R33AI101483	Targeting induction of calcium buffer proteins for treatment of viral encephaliti	\$316,300
2014	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$506,450
2014	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$248,756
2014	GRADIENT BIOMODELING LLC	UT	R43AI114078	A Quantum Similarity Approach for the Discovery of Anti-Trypanosome Drug Leads	\$225,000
2014	NAVIGEN INC	UT	R44AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2014	UNIVERSITY OF UTAH	UT	R21AI109122	Exploring the function of a novel, microbiota-regulated gene in T cells	\$223,500
2014	UNIVERSITY OF UTAH	UT	R21AI114432	Dynamics of early ESCRT recruitment during HIV budding	\$223,500
2014	UNIVERSITY OF UTAH	UT	R21AI116212	A family of compounds that reactivate latent HIV without T cell activation	\$198,800
2014	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$284,963

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2014	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$361,461
2014	UNIVERSITY OF UTAH	UT	R01AI100873	Role of transcription coactivator OCA-B in gene poising and immunological memory.	\$372,500
2014	UTAH STATE UNIVERSITY	UT	K22AI099086	Lipid raft effects on Shigella type III secretion system-based interactions	\$108,000
2014	BIOFIRE DIAGNOSTICS INC	UT	R43AI104029	Rapid, automated, detection of viral and bacterial pathogens causing meningitis	\$152,630
2014	UNIVERSITY OF UTAH	UT	R21AI106438	Reactivation of latent HIV through TLR signaling	\$186,250
2014	VIOGEN BIOSCIENCES, LLC	UT	R41AI108104	Hepatitis C Virus RNA-Targeted Therapeutics	\$149,156
2014	UNIVERSITY OF UTAH	UT	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$137,160
2014	UNIVERSITY OF UTAH	UT	R03AI113631	Expanding the Genetic Basis of Common Variable Immunodeficiency	\$74,500
2014	UNIVERSITY OF UTAH	UT	R01AI087508	An Ex Vivo Model of HIV-1 Latency and Reactivation using Primary Memory Cells	\$368,775
2014	UNIVERSITY OF UTAH	UT	R01AI095647	Bacterial Invasion and Trafficking within the Bladder	\$372,500
2014	UNIVERSITY OF UTAH	UT	F32AI114191	Anti-Retroviral Activity of Human Endogenous Retroviruses	\$51,530
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$375,788
2014	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$487,086
2014	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN- γ with mast cells and eosinophils i	\$385,000
2014	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$395,000
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI099250	Juvenile hormone action, and crosstalk between juvenile hormone and 20-hydroxyecd	\$343,802
2014	UNIVERSITY OF VIRGINIA	VA	R21AI108521	Genotyping and Pharmacokinetics in the HIV/MDR-TB epidemic of Eastern Siberia	\$196,175
2014	UNIVERSITY OF VIRGINIA	VA	F31AI110146	SHP 1 Regulates Conventional T cell Resistance to Regulatory T Cell Suppression	\$31,477
2014	UNIVERSITY OF VIRGINIA	VA	F32AI106076	Role of SipC in manipulating host signaling during Salmonella infection	\$53,282
2014	GEORGE MASON UNIVERSITY	VA	R03AI110174	Development of a novel HIV-1 nuclear localization assay	\$70,452
2014	UNIVERSITY OF VIRGINIA	VA	R34AI112364	SIS Study of Aggressive versus Conservative Antimicrobial Initiation in the ICU	\$237,000
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$394,859
2014	UNIVERSITY OF VIRGINIA	VA	U01AI026512	Long term Impact and Intervention for Diarrhea in Brazil	\$698,755
2014	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	K23AI093678	Oral Polio Vaccine Circulation in Mexico	\$126,630
2014	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$399,225
2014	UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$392,100

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Entry by Membrane Fusion	\$519,918
2014	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI112009	Novel long-acting microbicide and contraceptive intrauterine system	\$607,803
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	K22AI097299	The Role of the Autonomic Nervous System in HSV Infection	\$108,000
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109068	The role of the C1P/cPLA2alpha interaction in anaphylaxis	\$228,750
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI113402	Structural Dynamics of Rotavirus Transcription	\$201,250
2014	UNIVERSITY OF VIRGINIA	VA	R21AI110184	Structural characterization of the HIV-1 Rev response element	\$234,240
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI109202	Staphylococcus aureus ribosomal protein processing, a potential new drug target	\$184,325
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI108501	CD8+ T Cell exhaustion during Toxoplasmosis	\$485,175
2014	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$373,030
2014	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$348,103
2014	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$395,000
2014	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$484,540
2014	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	\$727,889
2014	UNIVERSITY OF VIRGINIA	VA	U01AI100799	An Evaluation of Treatment with Omalizumab to Improve the Asthmatic Response to a	\$1,343,673
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI105575	Function of Guy1, a Y-specific gene of Anopheles stephensi	\$193,703
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101345	Chromosome-based genome assembly for Culex quinquefasciatus	\$198,949
2014	GEORGE WASHINGTON UNIVERSITY	VA	R21AI101369	Developing tools for genetic manipulation of hookworms	\$183,500
2014	GEORGE WASHINGTON UNIVERSITY	VA	R15AI105738	Decision Making for Social Distancing	\$473,452
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI113643	Function of a novel male-specific gene in Aedes aegypti	\$240,273
2014	GEORGE MASON UNIVERSITY	VA	R21AI113140	Nanotrap particle-based assay to quantify HIV-1 in latently-infected T cells	\$185,750
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI103606	Orientia tsutsugamushi modulation of host cell ubiquitination machinery	\$190,625
2014	UNIVERSITY OF VIRGINIA	VA	R56AI113095	Delayed Anaphylaxis to Mammalian Meat caused by IgE Ab to alpha-gal	\$393,523
2014	UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$382,046
2014	UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	\$787,280

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2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	\$373,369
2014	UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Diseases	\$152,048
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI107447	Functional Characterization of Suppressor of IKKepsilon	\$216,312
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI108819	Characterization of isoprenoid biosynthesis in human malaria gametocytes	\$395,281
2014	GEORGE MASON UNIVERSITY	VA	R21AI114490	Effect of novel cdk9 inhibitor on HIV transcription	\$206,843
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI108264	Innate priming in sepsis exacerbation	\$402,500
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109391	Characterization of a Type II secretion system in a Gram-positive pathogen	\$226,924
2014	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$430,832
2014	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$505,190
2014	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Global Biothreats Training Program	\$138,377
2014	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	\$332,822
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI085091	Antiviral Pathways in Disease Vector Mosquitoes	\$384,660
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$384,742
2014	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$130,275
2014	UNIVERSITY OF VIRGINIA	VA	K08AI108730	Cytokine signaling and IEC restitution in enteropathy: the Giardia paradigm	\$176,684
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$373,750
2014	GEORGE MASON UNIVERSITY	VA	R21AI099851	Microparticle Capture-Based Analysis of Lymph Node Proteome	\$220,875
2014	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$3,249,978
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI109111	Stabilization and regulation of a Bacillus anthracis spore lytic enzyme	\$223,618
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI105364	Anaplasma phagocytophilum hijacking of host cell monoubiquitination	\$228,750
2014	UNIVERSITY OF VIRGINIA	VA	R21AI103601	A Novel Viral Membrane Fusion Triggering Mechanism	\$197,500
2014	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109532	Antibiotic selection for schistosome transgenesis	\$237,750
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI108978	Molecular mechanism of TIRAP membrane targeting	\$80,500
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F30AI112199	Neisseria gonorrhoeae TbpA functional analysis and inhibition	\$34,476
2014	UNIVERSITY OF VIRGINIA	VA	K08AI108801	Role of leptin in mucosal protection during Clostridium difficile infection	\$176,058
2014	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$350,757
2014	UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$471,078

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2014	UNIVERSITY OF VIRGINIA	VA	R01AI099097	Bacillus anthracis Targets Involved in Chemokine-Mediated Antimicrobial Activity	\$395,000
2014	UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$128,558
2014	UNIVERSITY OF VIRGINIA	VA	R56AI108767	c-Myb in CD4 T cells is crucial for recall antibody responses	\$270,093
2014	UNIVERSITY OF VIRGINIA	VA	F31AI114203	The Role of IL-23 in the Pathogenesis of Clostridium difficile Infection	\$29,818
2014	GEORGE WASHINGTON UNIVERSITY	VA	R21AI108533	HIV-1 Nef regulates activity of the ER chaperone calnexin	\$221,900
2014	UNIVERSITY OF VIRGINIA	VA	R34AI112371	Reduced Injectable, Short-course for (E)Xpert MDR-TB [RISE trial]	\$241,000
2014	GEORGE WASHINGTON UNIVERSITY	VA	R21AI109517	Developing genetic tools for a new model of infection and immunity	\$196,168
2014	UNIVERSITY OF VIRGINIA	VA	K23AI108790	Passive and Acquired Immunity to Cryptosporidiosis in Bangladeshi Children	\$173,360
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$415,805
2014	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$57,669
2014	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$370,095
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	The roles of Anaplasma phagocytophilum surface proteins in infection	\$368,650
2014	UNIVERSITY OF VIRGINIA	VA	R21AI105970	Systems-biology Approaches for Decoding Persistent Cocksackievirus B3 Infection	\$192,043
2014	UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$129,870
2014	UNIVERSITY OF VIRGINIA	VA	R21AI102962	HIV and ADAR Editing	\$158,000
2014	ALEXANDER BIODISCOVERIES LLC	VA	R44AI084244	Novel anti-viral agents to treat influenza	\$1,000,000
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI099528	Comparative genome mapping of the Anopheles species cluster	\$225,336
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F32AI108088	The role of the C1P/cPLA2-alpha interaction in eicosanoid biosynthesis.	\$53,282
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI110675	Role of TGF-Beta signaling in the Drosophila immune response against nematode-bac	\$228,750
2014	GEORGE WASHINGTON UNIVERSITY	VA	R33AI093179	A novel APOBEC-based vaccine approach for HIV	\$770,701
2014	HAMPTON UNIVERSITY	VA	R33AI102223	Host Vascular Mechanism for Therapeutic Protection against Select Pathogens	\$444,000
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R13AI114085	Annual meeting of SLB and IEIIS	\$15,000
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R00AI104828	Impact of herpesvirus protein kinases on host protein modification	\$249,000

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2014	UNIVERSITY OF VIRGINIA	VA	R21AI110889	Gonococcal Nuclease Mediated Escape from Neutrophil Extracellular Traps	\$237,000
2014	UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$518,425
2014	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$402,500
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$449,757
2014	UNIVERSITY OF VIRGINIA	VA	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$458,651
2014	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$771,327
2014	UNIVERSITY OF VIRGINIA	VA	R21AI109250	Lymphatic endothelial cells as inducers of systemic peripheral tolerance	\$232,725
2014	UNIVERSITY OF VIRGINIA	VA	R21AI103536	Development of an E. histolytica Multilocus Genotyping System	\$187,098
2014	GEORGE WASHINGTON UNIVERSITY	VA	R56AI111933	Impact of menopause and sexual trauma on HIV acquisition in women	\$615,378
2014	UNIVERSITY OF VIRGINIA	VA	R21AI111604	PFOR inhibitor amoxicilic for treatment of drug resistant parasites and bacteria	\$229,100
2014	GEORGE WASHINGTON UNIVERSITY	VA	R21AI113806	Characterization of Regulated Intron Retention in T Cell Activation	\$226,125
2014	UNIVERSITY OF VIRGINIA	VA	R34AI110382	Effects of alanyl-glutamine supplementation on C. difficile associated diarrhea	\$237,000
2014	UNIVERSITY OF VIRGINIA	VA	F30AI109984	Immune pathology and bone marrow transplant in disorders of Mecp2 overexpression	\$29,818
2014	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$641,956
2014	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$453,500
2014	UNIVERSITY OF VERMONT	VT	R21AI109192	T Lymphocyte Homeostasis in Obesity	\$228,750
2014	UNIVERSITY OF VERMONT	VT	R21AI110016	Regulation of mitochondrial function in T cells	\$228,750
2014	UNIVERSITY OF VERMONT	VT	R21AI101381	Novel approaches to develop a treatment for cryptosporidiosis	\$228,750
2014	UNIVERSITY OF VERMONT	VT	R01AI105191	Functional Analysis of the T. gondii AMA1 Cytosolic Tail	\$381,250
2014	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$178,444
2014	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$274,500
2014	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$357,036
2014	UNIVERSITY OF VERMONT	VT	R01AI102922	Feedback and Noise in a Multiple Antibiotic Resistance Circuit	\$305,000
2014	UNIVERSITY OF VERMONT	VT	R21AI112804	iNKT Cells Regulating Lung Mast Cells: New Treatment Opportunity for Asthma	\$228,750
2014	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$674,477

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2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$427,353
2014	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$215,470
2014	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$376,241
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$420,699
2014	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$378,612
2014	UNIVERSITY OF WASHINGTON	WA	K24AI089794	Innate Immunogenetics & Human Infections	\$148,389
2014	KINETA INC	WA	R01AI093387	Antiviral Drugs for Arenaviruses	\$1,228,837
2014	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$1,142,379
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$487,479
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI098424	Effect of Helicobacter pylori cell shape on pathogenesis	\$35,134
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$2,039,318
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	\$4,068,789
2014	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	\$502,908
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	\$437,156
2014	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$128,889
2014	PAI LIFE SCIENCES INC	WA	R43AI103983	Process Development on a Schistosomiasis Vaccine, SchistoShield???	\$300,000
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI101424	Trypanosome transmembrane kinases	\$236,250
2014	UNIVERSITY OF WASHINGTON	WA	R01AI101084	Silencing and Counter-Silencing of Salmonella Virulence Genes	\$386,250
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100037	Drug-resistance testing in Kenya to improve ART suppression of HIV replication	\$1,347,525
2014	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$785,889
2014	UNIVERSITY OF WASHINGTON	WA	F32AI104240	Pro-resolving lipid mediators in mycobacterial infection	\$53,282
2014	UNIVERSITY OF WASHINGTON	WA	R01AI112002	Combination HIV prevention in drug-eluting fibers: designing for efficacy and use	\$527,227
2014	UNIVERSITY OF WASHINGTON	WA	R21AI103846	Antigenic switch in bacterial adhesins	\$193,125
2014	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$585,257
2014	SYNTRIX BIOSYSTEMS INC	WA	U44AI114473	Efficacy and resistance mechanisms of LD-aminopterin in psoriasis	\$225,000
2014	INBIOS INTERNATIONAL, INC	WA	R42AI102482	Antigen Detection assay for the Diagnosis of Melioidosis	\$621,080

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2014	PHARMAIN CORPORATION	WA	R43AI107953	Medical countermeasure after radiation exposure	\$299,872
2014	UNIVERSITY OF WASHINGTON	WA	R03AI103322	Epidemiology of oral gamma and beta HPV infections in mid-adult women	\$77,250
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI116184	Curing HIV Through Allogeneic Hematopoietic Stem Cell Transplantation	\$323,513
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111330	Protein tyrosine phosphorylation by dual specificity kinases in M. tuberculosis	\$296,200
2014	UNIVERSITY OF WASHINGTON	WA	R56AI108698	C-di-AMP signaling in Listeria monocytogenes host pathogen interactions	\$340,807
2014	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$293,501
2014	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,420,948
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$395,851
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$9,426,158
2014	UNIVERSITY OF WASHINGTON	WA	R01AI089441	Calcium Dependent Protein Kinase 1 as a drug target for T. gondii and C. parvum	\$988,554
2014	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$127,521
2014	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$596,880
2014	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	\$834,797
2014	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	\$435,000
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI105769	Ribosome Profiling in Plasmodium falciparum	\$230,000
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI109222	Environmental Signals that regulate GBS virulence	\$304,617
2014	UNIVERSITY OF WASHINGTON	WA	R21AI109332	Phase Variation in Mycoplasma Genitalium	\$231,750
2014	UNIVERSITY OF WASHINGTON	WA	R01AI111806	Mechanisms of Formation and Persistence of Active HIV Reservoirs	\$805,799
2014	WASHINGTON STATE UNIVERSITY	WA	R01AI109022	Mechanisms of Nipah virus fusion and entry	\$371,214
2014	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$602,115
2014	WASHINGTON STATE UNIVERSITY	WA	R00AI106963	Conserved Immune Response to Sensing Cytosolic DNA	\$249,000
2014	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$983,076
2014	RARECYTE, INC.	WA	R43AI113990	Direct visualization assay for detection of B. burgdorferi in early Lyme Disease	\$299,501
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI109340	Roles of Experimentally Evolved Vaccinia Mutations in Antagonizing Cell Defenses	\$220,000
2014	UNIVERSITY OF WASHINGTON	WA	R21AI112389	Biophysical Signatures in HIV-1 Env Correlating with Mother-to-Child Transmission	\$216,297
2014	UNIVERSITY OF WASHINGTON	WA	R01AI110743	Discovery and validation of new kinase drug targets in T. brucei	\$404,853

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2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$838,218
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$458,447
2014	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington/Fred Hutch Center for AIDS Research	\$5,841,985
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$540,947
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K25AI087397	Computational Approaches to Studying Immunodominance.	\$123,871
2014	UNIVERSITY OF WASHINGTON	WA	U19AI088778	Center for the Study of Innate Immunity to HCV Infection	\$858,518
2014	UNIVERSITY OF WASHINGTON	WA	K24AI087399	HIV-1 and Protective Immunity against Common Childhood Pathogens	\$127,379
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$10,240,739
2014	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	\$128,857
2014	UNIVERSITY OF WASHINGTON	WA	R21AI105898	Targeting chronic Pseudomonas aeruginosa wound infections	\$190,159
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI100782	Inhibition of Liver Macrophage activation in SIV infected macaques	\$237,049
2014	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI095652	High throughput assays to detect inhibition of a key M. tuberculosis protease	\$387,500
2014	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	\$177,123
2014	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	\$370,977
2014	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	\$454,989
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI110375	A rapid point-of-treatment diagnostic assay for HIV-resistance to 1st-line ART	\$497,126
2014	UNIVERSITY OF WASHINGTON	WA	F32AI104318	Triggers of HIV Disease Progression	\$51,530
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	UM1AI109565	Immune Tolerance Network	\$30,331,870
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108839	Induction and signature of pathogenic T cells in allergy	\$425,455
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI113906	Role of SIP1 in the function of Regulatory T cells in Autoimmune Encephalomyelitis	\$485,000
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI112619	Role of an ornithine rhamnolipid pigment in GBS virulence	\$458,250
2014	UNIVERSITY OF WASHINGTON	WA	F32AI112101	Citrate and Metal Efflux by IceT	\$55,094
2014	UNIVERSITY OF WASHINGTON	WA	K23AI113185	Characterizing Extragenital Gonorrhea and Chlamydia: Natural History & HIV Impact	\$175,500
2014	ADAPTIVE BIOTECHNOLOGIES CORPORATION	WA	R43AI112125	Non-invasive Diagnostic Platform Development for Celiac Disease Remission Status	\$244,699

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2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI112323	A FOXP3 complex that controls human regulatory T cell function	\$437,000
2014	UNIVERSITY OF WASHINGTON	WA	F32AI114029	Genetic determinants of Acinetobacter baumannii desiccation tolerance	\$49,850
2014	UNIVERSITY OF WASHINGTON	WA	R56AI113153	Sensors and signaling of the interferon stimulatory DNA (ISD) pathway	\$429,189
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$967,512
2014	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$621,508
2014	UNIVERSITY OF WASHINGTON	WA	K23AI087206	Intense Validation of a Mathematical Model of Herpes Simplex Virus-2 Pathogenesis	\$127,996
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI087657	Regulatory T cell Modulation of Immunity to Mucosal Viral Infections	\$435,600
2014	UNIVERSITY OF WASHINGTON	WA	K08AI089938	The Role of CD1a in Protecting Against Human Tuberculosis	\$126,874
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$2,175,195
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	\$389,602
2014	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$750,021
2014	UNIVERSITY OF WASHINGTON	WA	R33AI094412	Nanoparticle microbicides for delivery of combination antiretroviral drugs	\$444,465
2014	UNIVERSITY OF WASHINGTON	WA	R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$498,714
2014	UNIVERSITY OF WASHINGTON	WA	K22AI098440	Mucosal Immune Dysfunction after SIV Infection	\$108,000
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$565,909
2014	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	\$719,679
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI110154	Cell-Based Secretion of Antiviral Molecules as a Treatment for HIV-AIDS	\$259,621
2014	UNIVERSITY OF WASHINGTON	WA	U19AI113173	University of Washington Sexually Transmitted Infections Cooperative Research Cen	\$2,820,906
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI108463	c-Ski and the regulation of CD4 T cell-mediated autoimmunity and tolerance	\$427,500
2014	UNIVERSITY OF WASHINGTON	WA	R56AI064318	Characterization of Recent Thymic Emigrants	\$429,189
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI111586	Immune-mediated elimination of antigen-specific Tregs during infection and cancer	\$236,267
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI106784	Multiplex Test for Primary Immunodeficiencies by Affinity Column coupled to MS/MS	\$548,028
2014	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$377,557
2014	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$386,250
2014	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$2,462,710

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2014	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$0
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$694,606
2014	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$182,894
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$655,011
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$3,387,468
2014	UNIVERSITY OF WASHINGTON	WA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$435,000
2014	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	\$126,864
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	\$676,468
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$472,549
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$849,843
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$2,450,784
2014	UNIVERSITY OF WASHINGTON	WA	R21AI107776	Chromatin states encoding fate commitment and plasticity of tolerant CD8 T cells	\$231,750
2014	UNIVERSITY OF WASHINGTON	WA	K08AI102921	Mechanisms to restrain social cheating from quorum sensing in Pseudomonas aerugin	\$175,792
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI104449	PrEP EXPOSURE DURING HIV-1 INFECTION AND THE RISK OF LOW-FREQUENCY ARV RESISTANCE	\$218,179
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI104370	Improved Methods for Assessing Immune Correlates in HIV-1 Vaccine Trials	\$88,000
2014	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$481,876
2014	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI109118	Nanoformulation of Synergistic TLR Ligands to Enhance Amebiasis Vaccine Efficacy	\$242,700
2014	UNIVERSITY OF WASHINGTON	WA	R01AI111738	Quantifying the impact of genital mucosal inflammation on HIV-1 acquisition risk	\$569,229
2014	THE GENEVA FOUNDATION	WA	R01AI111516	Mammalian and Plant-derived Antibody-based Therapies against Sudan Ebolavirus	\$602,743
2014	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI111303	Point-of-care Diagnosis and Surveillance of Known and Emerging Influenza Viruses	\$1,186,565
2014	VIRTICI LLC	WA	R43AI104104	XHA-A Novel Tolerance Therapeutic for Allergic Rhinitis	\$417,336
2014	UNIVERSITY OF WASHINGTON	WA	R56AI060389	The Host Response to Hepatitis C Virus	\$493,950
2014	UNIVERSITY OF WASHINGTON	WA	R01AI104920	Anti-viral Mechanisms of Defensins	\$534,762
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$575,449

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2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$770,655
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$936,216
2014	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$667,733
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$470,144
2014	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$429,008
2014	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$481,424
2014	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$428,200
2014	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$491,103
2014	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$450,187
2014	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$431,794
2014	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$163,490
2014	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,910,741
2014	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$339,750
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$310,485
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	\$427,507
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$738,371
2014	UNIVERSITY OF WASHINGTON	WA	F32AI088856	Inhibition of Hepatitis C Virus Infection by Interferon-induced Transmembrane Pro	\$58,946
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$394,960
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$428,796
2014	UNIVERSITY OF WASHINGTON	WA	R33AI088597	Engineering antiviral innate immunity for safe and effective microbicides	\$342,985
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R33AI089405	Novel HIV 1 Envelope immunogens derived from broadly neutralizing plasmas	\$566,919
2014	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$2,472,869
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	\$130,680
2014	UNIVERSITY OF WASHINGTON	WA	R21AI107402	Mycoplasma genitalium variation in longitudinally infected men	\$193,125

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2014	UNIVERSITY OF WASHINGTON	WA	R01AI106007	Molecular Clonality of Uropathogenic E. Coli	\$784,344
2014	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$737,600
2014	UNIVERSITY OF WASHINGTON	WA	R21AI109020	Folliculin Interacting Proteins in Lymphocyte Development and Autoimmunity	\$193,125
2014	SPRINGSTAR INC	WA	R44AI096563	Refinement of an autodissemination station for control of mosquito vectors	\$722,493
2014	UNIVERSITY OF WASHINGTON	WA	R13AI114346	Systems Biology of Infectious Diseases: Pathogenesis to Personalized Medicine	\$8,353
2014	UNIVERSITY OF WASHINGTON	WA	R01AI111341	Bumped Kinase Inhibitors: Novel Therapeutics for Cryptosporidiosis&Toxoplasmosis	\$1,580,174
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI108883	Mechanistic Study of Peanut-specific T cells Pre and Post Oral Immunotherapy	\$426,052
2014	UNIVERSITY OF WASHINGTON	WA	R01AI111780	Mechanisms of Protective Local Immunity in Human Female Reproductive Tract	\$320,951
2014	THE GENEVA FOUNDATION	WA	R33AI101387	Targeting Cellular Processes to Counter the Effects of BoNT Intoxication	\$377,682
2014	ETUBICS CORPORATION	WA	R01AI111364	Development of a Universal Influenza Vaccine	\$1,269,454
2014	WASHINGTON STATE UNIVERSITY	WA	R21AI112649	Brucella mechanisms of autophagy mediated egress	\$188,750
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R33AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$513,000
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI114113	Mechanisms of antibody protection in pre-erythrocytic and blood stage malaria	\$51,530
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI103981	CHARACTERIZATION OF HIV-1 ANTIBODY RESPONSES IN CHRONICALLY INFECTED WOMEN	\$673,805
2014	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$386,250
2014	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$378,957
2014	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,374,326
2014	UNIVERSITY OF WASHINGTON	WA	R01AI099106	Impact of suppressive antimicrobial therapy on the vaginal microbiota and BV	\$659,855
2014	UNIVERSITY OF WASHINGTON	WA	K01AI087369	Vertical CMV transmission in the setting of maternal HIV-1 infection in Kenya	\$127,116
2014	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	\$898,194
2014	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI083455	Impact of the autoimmunity associated PTPN22 1858T	\$445,835
2014	UNIVERSITY OF WASHINGTON	WA	R01AI084004	Selective inhibition of tRNA synthetases from pathogenic protozoa	\$688,189
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$36,427,285
2014	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$634,893

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2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$440,000
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI104384	Defining BCR evolution during immunization	\$909,731
2014	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI101488	Vaccine induction of cytotoxic CD4+ T cells	\$187,750
2014	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$1,642,398
2014	UNIVERSITY OF WASHINGTON	WA	R21AI105268	Linking apparatus dynamics to interbacterial intoxication by type VI secretion	\$187,273
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$4,075,407
2014	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$594,936
2014	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$177,347
2014	UNIVERSITY OF WASHINGTON	WA	F30AI112385	Fc-Mediated Antibody Responses in HIV-1 Mother-to-Child Transmission	\$37,618
2014	UNIVERSITY OF WASHINGTON	WA	R01AI107034	Bayesian Modeling and Data Integration in Infectious Disease Phylodynamics	\$346,673
2014	UNIVERSITY OF WASHINGTON	WA	R01AI108765	Novel regulatory mechanisms control IFNL3 expression during HCV infection	\$435,000
2014	UNIVERSITY OF WASHINGTON	WA	R01AI108490	Integrated bio-social models for HIV epidemiology	\$571,254
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI109632	Eliciting VRC01-like bNAbs by Specifically Designed Env Immunogens	\$1,947,650
2014	UNIVERSITY OF WASHINGTON	WA	R01AI108626	The differentiation and function of CD4+ Th2 cells during allergen-induced asthma	\$507,291
2014	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI112993	B cell-intrinsic cytokine regulation and B cell-targeted therapies in murine lupu	\$177,250
2014	UNIVERSITY OF WASHINGTON	WA	K01AI110313	CTL mechanisms underlying effects of HLA-A*2301 and B*5301 on HIV-1 set-point	\$128,250
2014	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$498,432
2014	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$336,353
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$11,216,519
2014	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	\$435,000
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$507,032
2014	UNIVERSITY OF WASHINGTON	WA	R01AI096968	PrEP and protective immune responses against HIV-1	\$682,104
2014	UNIVERSITY OF WASHINGTON	WA	R01AI099974	Assisted Partner Notification to Augment HIV Treatment and Prevention in Kenya	\$1,235,645
2014	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	\$386,250
2014	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	\$1,615,295
2014	TRIA BIOSCIENCE CORPORATION	WA	R43AI104178	Vaccine Adjuvant for Rapid Tolerance Induction in Allergy Patients	\$280,636

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2014	WASHINGTON STATE UNIVERSITY	WA	R01AI108704	Study of Immune Avoidance During the Enzootic Cycle of the Lyme Disease Pathogen	\$249,031
2014	UNIVERSITY OF WASHINGTON	WA	R21AI101564	Regulation of CD4+ T cell responses by a progesterone receptor	\$217,500
2014	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$162,270
2014	UNIVERSITY OF WASHINGTON	WA	R01AI108685	The physiological role of RIPK3-dependent necroptosis	\$449,054
2014	UNIVERSITY OF WASHINGTON	WA	R01AI110666	Male urethritis: Novel etiologies and natural history	\$809,919
2014	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI116225	Alpha Emitter Labeled Anti-T Cell Antibody: Targeting Latent HIV Infected Cells	\$256,599
2014	PAI LIFE SCIENCES INC	WA	R43AI109936	Immuno-Chemotherapy to Shorten TB Treatment	\$300,000
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$382,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$371,402
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Biofilm Induced Extracellular Vesicle Pathogenesis	\$353,525
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI099661	M.tuberculosis-induced Alternative Processing of IL12RB1 mRNA	\$191,250
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$4,865,656
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$388,516
2014	LUCIGEN CORP	WI	R43AI100383	Antifungal Compound Discovery from Metagenomes	\$298,997
2014	ALPHA UNIVERSE LLC	WI	R43AI112146	Novel system for sensitive detection of botulinum neurotoxins	\$149,986
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$382,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$622,456
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$635,037
2014	MOFA GROUP LLC	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	\$1,000,000
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$382,500
2014	LUCIGEN CORP	WI	R44AI081467	Point of Care Detection of Respiratory Viruses	\$830,014
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI109673	Antimicrobial Drug Discovery from Coevolved Symbiotic Communities	\$3,433,302
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI113956	The Role of Rac and ROS in the Control of Aspergillus Infection	\$49,850
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R34AI106570	GLILD in CVID	\$279,802
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI112519	Targeting CCL28 as therapy for obstructive lung disease	\$382,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$376,250

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2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$673,647
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$220,144
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$259,161
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$313,868
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$433,879
2014	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$381,929
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$718,967
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$481,281
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	\$382,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI103790	Bioactivity of NLP peptides of Ascaris suum	\$217,670
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI100156	Primate Placental MHC Immunogenetics	\$181,745
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	\$376,250
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI110963	Genetic engineering of the Idd3 type 1 diabetes locus	\$229,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI113580	Construction and Analysis of BoNT derivatives as Pain Specific Inhibitors	\$205,506
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104928	The roles of acidic autophagosomes in production of infectious poliovirus	\$322,574
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$290,957
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$433,305
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI081692	Intrinsic Resistance to antimicrobials in Enterococcus faecalis	\$376,200
2014	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2009 - 2013: The 9th through 13th Annual Meetings of the Federation of Clin	\$25,000
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	\$362,770
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$344,250
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	\$44,766

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2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	\$544,112
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$376,250
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105847	Immune evasion in a humanized mouse model of HHV-6 infection	\$257,579
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105472	Natural products as antifilarial asparaginyl-tRNA synthetase inhibitors	\$256,516
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	UM1AI114271	Inner City Asthma consortium 3 (ICAC3)	\$9,949,825
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Viral and Environmental Determinants of Rhinovirus Illness Severity	\$1,595,171
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$422,290
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI111676	Antibiotic targeting of protein interfaces in bacterial genome maintenance comple	\$221,710
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI107157	The Maternal-Fetal Interface in Listeria-Induced Pregnancy Loss	\$399,347
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$2,064,580
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$356,014
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$540,613
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080675	Retinoblastoma (Rb) protein pathway in human cytomegalovirus infected cells	\$356,014
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$484,404
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	\$479,395
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI105816	Tracking anti-fungal CD4+ T cells in vivo	\$225,750
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	\$651,993
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109198	Impact of nucleotide metabolism on enterococcal antibiotic resistance	\$229,500
2014	LUCIGEN CORP	WI	R33AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$427,970
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI112920	Leptospira interrogans Interactions with Endothelial Cells	\$382,500
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$372,210
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$225,726

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2014	LUCIGEN CORP	WI	R44AI085840	Random Shear Shuttle BAC Libraries for Antimicrobial Discovery from Soil Metageno	\$551,410
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$394,832
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI104697	Analysis of Toxoplasma sexual development in polarized cat intestinal cells	\$75,250
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI103037	Neutrophil Subsets in Post-Viral Asthma	\$133,917
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI110221	The Cell Biology of HIV-1 Genome Trafficking	\$330,545
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI108727	Mechanisms of Candida Biofilm Immune Evasion	\$192,024
2014	SCARAB GENOMICS LLC	WI	R44AI094823	Toxoid adjuvant CRM197 production in a stable reduced genome E. coli strain	\$732,955
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$332,541
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$338,580
2014	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$476,030
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI089370	Pathogenesis of Cryptococcus Spores	\$316,955
2014	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI093008	FOCIS Educational Courses: Basic Immunology in Medicine Update, Interventional Im	\$12,000
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$381,948
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI105537	Regulation of Morphogenesis in Dimorphic Fungi by a GATA Transcription Factor	\$225,750
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI108415	Evaluating immunity elicited by CD8 T Cell responses targeting invariant epitopes	\$701,872
2014	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI104147	Phosphoinositides in the T. brucei Endomembrane System	\$55,094
2014	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI109649	Adhesion of Leptospira interrogans to the Renal Proximal Tubule	\$191,250
2014	FLUGEN INC	WI	R41AI109925	Development of a novel highly effective influenza vaccine	\$300,000
2014	GLYCOBAC LLC	WY	R43AI112118	Glycoengineered baculoviruses for the production of more efficacious influenza va	\$225,000
2013	FUNDACION MANUEL PEREZ		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$0
2013	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		UM1AI069429	Program for HIV Prevention and Treatment-Clinical Trial Unit, Thailand	\$0
2013	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$0
2013	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$0
2013	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$0
2013	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$0
2013	UNIVERSITY OF KWAZULU-NATAL		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$0
2013	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$0
2013	Barcelona Centre for International Health Research		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2013	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$0
2013	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$0
2013	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$0
2013	BIOTA SCIENTIFIC MANAGEMENT		R01AI094456	Development of Novel Inhibitors of Clostridium difficile.	-\$497,257
2013	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$0
2013	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	\$0
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089337	Chimeric adenoviruses for an improved HIV vaccine	-\$63,521
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI102594	The Role of PcpA in the Mechanism of Virulence and Protective Immunity.	-\$11,016
2013	AUBURN UNIVERSITY	AL	R15AI107773	Impact of bacterial infection on myeloid dendritic cell development	\$0
2013	SOUTHERN RESEARCH INSTITUTE	AL	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	-\$160,395
2013	UNIVERSITY OF ARIZONA	AZ	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	-\$352,577
2013	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$0
2013	UNIVERSITY OF ARIZONA	AZ	R56AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$0
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	-\$690,683
2013	STANFORD UNIVERSITY	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$690,683
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	P01AI090935	Global innate immune responses to HIV-1 infection	-\$50,429
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$0
2013	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$0

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2013	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$0
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$612
2013	PLANET BIOTECHNOLOGY INC	CA	R01AI098844	Final preclinical development of an immunoadhesin therapy for inhalation anthrax	\$0
2013	EPITOGENESIS INC	CA	R41AI096706	A novel vaccine against vaginal Chlamydia trachomatis	\$0
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI108253	Ribosomal Hibernation facilitates antibiotic tolerance in Listeria monocytogenes.	-\$37,180
2013	SCRIPPS RESEARCH INSTITUTE	CA	R56AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$0
2013	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	-\$311,506
2013	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$0
2013	PLANET BIOTECHNOLOGY INC	CA	R34AI104506	Phase I clinical trial of an immunoadhesin antitoxin for anthrax	\$38,993
2013	PROSETTA ANTIVIRAL INC	CA	R21AI101276	Advancement of Novel Small Molecules for Treatment of Rabies	\$0
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI103248	Nitrate respiration by Salmonella during gut inflammation	-\$91,446
2013	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	-\$132,887
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI105813	Epigenetic downregulation of the antibody response and inhibition of autoimmunity	\$0
2013	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$0
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$0
2013	SAN DIEGO BIOMEDICAL RESEARCH INSTITUTE	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	\$140,189
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$0
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$0
2013	STANFORD UNIVERSITY	CA	F32AI098584	Asymptomatic Cryptococcal Antigenemia in HIV-Infected Patients in the United Stat	\$0

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2013	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R56AI106895	Regulation of Chronic Viral Infections	\$0
2013	SCRIPPS RESEARCH INSTITUTE	CA	R56AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$0
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R56AI107936	A new approach to quantitative, point-of-care serology	\$0
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$0
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	-\$140,773
2013	PALO ALTO VETERANS INSTITUTE FOR RESEARCH	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	-\$35,224
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	-\$254,749
2013	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$87,124
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$0
2013	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$0
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$0
2013	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$0
2013	NATIONAL JEWISH HEALTH	CO	R03AI101953	IFN-lambda polymorphisms and host response to respiratory viral infections in hum	-\$67,213
2013	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$0
2013	INDEVR LLC	CO	R43AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$0
2013	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	-\$479,474
2013	YALE UNIVERSITY	CT	R21AI096999	Monitoring single conformational events during HIV assembly	\$0
2013	YALE UNIVERSITY	CT	R56AI105097	Thymic adipogenesis and age-related thymic demise	\$347,800
2013	YALE UNIVERSITY	CT	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	-\$119,024
2013	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$0
2013	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$0
2013	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$0
2013	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	-\$40,415
2013	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	-\$129,423
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	-\$325,972

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2013	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	-\$202,281
2013	UNIVERSITY OF MIAMI	FL	R21AI099809	Microbial Translocation in Chronic Fatigue Syndrome	-\$170,724
2013	UNIVERSITY OF FLORIDA	FL	F31AI094925	Mechanisms of B-Cell Tolerance in a Mouse Model of Lupus	-\$2,326
2013	NOVA SOUTHEASTERN UNIVERSITY	FL	R21AI099809	Microbial Translocation in Chronic Fatigue Syndrome	\$151,526
2013	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$0
2013	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$0
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI097851	Alternative regulation of ISGs in WNV-infected cells	\$0
2013	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	\$92,391
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI096552	Functional analysis of a symbiotic polydnavirus	-\$3,695
2013	EMORY UNIVERSITY	GA	R21AI098581	Escape From Broadly Neutralizing MAbs by Genetically-Linked Early & Late HIV Envs	\$0
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI107663	Pathogenesis of Trypanosoma cruzi infection	\$0
2013	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,126,264
2013	PANTHERA BIOPHARMA LLC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	-\$1,126,264
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$0
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	U19AI091031	Enhancing B cell immunity against HIV-1 using novel vaccine delivery platforms	\$0
2013	NORTHWESTERN UNIVERSITY	IL	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$493,043
2013	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$0
2013	UNIVERSITY OF CHICAGO	IL	F32AI096769	Molecular assemblies as immunomodulators	-\$53,942
2013	Ann & Robert H. Lurie Children`s Hospital of Chicago	IL	UM1AI069512	Units for HIV/AIDS Clinical Trials Networks	\$0
2013	NORTHWESTERN UNIVERSITY	IL	R56AI105839	Regulation of Food Allergy and Anaphylaxis by IL-33	\$0
2013	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$0
2013	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$0
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$0
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$262,572
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI095236	Identification and characterization of inhibitors for hantavirus replication	\$0
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI097355	Characterization of hantavirus N protein-mediated translation mechanism	\$0

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2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$152,527
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	-\$152,527
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$0
2013	THERAPYX INC	KY	R43AI104067	Therapy and Prophylaxis for Genital Tract Infection	\$0
2013	PARATECHS CORPORATION	KY	R43AI102326	Enhanced baculovirus vectors with higher titers and increased genome stability	\$0
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI108234	Autumn Immunology Conference	\$0
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$198,315
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI103717	Targeting functional assembly of the bacterial multidrug efflux transporter	\$1,975
2013	LOUISIANA ST UNIV, PENNINGTON BIOMEDICAL RES CTR	LA	R56AI105097	Thymic adipogenesis and age-related thymic demise	-\$347,799
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$264,639
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$366,488
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$0
2013	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2013	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$0
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	-\$79,233
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$0
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	UM1AI069403	Harvard Tanzania HIV/AIDS Clinical Trials Unit	-\$1
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI092967	Molecular Mechanisms of Modulation of N-WASP activity	-\$6,190
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	-\$22,321
2013	Charles Stark Draper Laboratory, Inc.	MA	R56AI106939	Developing High-Throughput Assays for DRACO Broad-Spectrum Antiviral Molecules	\$448,949
2013	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	-\$500,000
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$0

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2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI085033	Identifying essential functions in non replicating Mycobacterium tuberculosis	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI106878	O-Specific Polysaccharide Responses and Cholera	\$0
2013	DANA-FARBER CANCER INSTITUTE	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$500,000
2013	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$0
2013	BOSTON UNIVERSITY	MA	R21AI101442	Multimodal imaging of antibody-mediated therapy during acute viral encephalitides	-\$224,970
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI098308	Identification of HIV-1 Restriction Factors through Functional Genomic Screens	-\$40,062
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$327,465
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI101291	Merging Microfluidics and Metagenomics for Novel High - throughout Virus Discovery	\$0
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$22,321
2013	AMBERGEN	MA	R43AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$0
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI100703	Humoral Correlates of Protection Against HIV	-\$701,822
2013	TUFTS MEDICAL CENTER	MA	R13AI104231	13th International Conference on Lyme Borreliosis and Other Tick-borne Diseases	\$0
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI106939	Developing High-Throughput Assays for DRACO Broad-Spectrum Antiviral Molecules	-\$225,962
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$0
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$109,310
2013	TUFTS MEDICAL CENTER	MA	R21AI097971	Role of Endosomal Localization in Toll-like receptor 2 Responses to Borrelia	\$0
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	UM1AI069516	Western New England Maternal Pediatric Adolescent AIDS Clinical Trials Unit	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	-\$87,124
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$0
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$0
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$0
2013	SEQUELLA, INC	MD	R21AI096248	A Kit for Rapid AST of Mycobacterium tuberculosis from Clinical Samples	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	-\$179,811
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	-\$5,420

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2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069497	Byramee Jeejeebhoy Medical College (BJMC), Pune, India: Clinical Trials Unit	\$0
2013	SEQUELLA, INC	MD	R43AI094844	A New Therapeutic Regimen for MDR-TB	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	K99AI104828	Impact of herpesvirus protein kinases on host protein modification	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$165,694
2013	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$0
2013	MACROGENICS INC	MD	R01AI089588	A Pan-Dengue Virus Immunotherapeutic for Prevention and Treatment	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$0
2013	UNIVERSITY OF MARYLAND	MD	R56AI080615	Borella Gene Products Critical For Natural Infection Cycle	\$0
2013	UNIVERSITY OF MARYLAND	MD	R21AI107230	A genetic resource for Anopheles immunity research	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$0
2013	SIGMOVIR BIOSYSTEMS INC	MD	R21AI101480	Development of the Cotton Rat Model of Rhinovirus Infection and Disease	\$0
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI107530	How does the KSHV small capsid protein function to promote self-assembly?	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Eco-pathogenomics of sexually transmitted infections (EPSTI)	\$0
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$3,203
2013	MAINE INTERNATIONAL CENTER FOR DIGITAL LEARNING	ME	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$129,423
2013	Regents of the University of Michigan	MI	R21AI098431	Natural Product-Inspired Method for Enhancing HIV Protease Inhibitors	\$0
2013	Regents of the University of Michigan	MI	R03AI096029	Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections	-\$24,324
2013	Regents of the University of Michigan	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$0
2013	Regents of the University of Michigan	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$0
2013	Regents of the University of Michigan	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$0
2013	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$0
2013	Regents of the University of Michigan	MI	R21AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$0
2013	Regents of the University of Michigan	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	-\$24,587
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI100346	A novel approach to study TCR signal strength in homeostasis and tolerance	-\$29,304

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2013	UNIVERSITY OF MINNESOTA	MN	R01AI100872	Analysis of peripheral tolerance in vivo	-\$208,366
2013	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$0
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R56AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$0
2013	MONTANA STATE UNIVERSITY	MT	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	-\$262,572
2013	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$0
2013	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$126,193
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$1,363,879
2013	DUKE UNIVERSITY	NC	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$24,983
2013	DUKE UNIVERSITY	NC	UM1AI069484	HIV/AIDS Clinical Trials Unit	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$172,879
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	-\$23,397
2013	DUKE UNIVERSITY	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$340,616
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095031	Preventing HIV Infection in Women: Targeting Antiretrovirals to Mucosal Tissues	\$0
2013	DUKE UNIVERSITY	NC	R56AI107951	Enzymology of Chlamydia Pathogenesis	\$0
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$70,722
2013	DARTMOUTH COLLEGE	NH	F32AI108250	Interspecies Interactions in the Cystic Fibrosis Lung	-\$49,213
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$0
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI100379	Vitamin D and Innate Immunity in Respiratory Infections	\$4,010
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$24,769
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	-\$16,412
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$44,693
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	-\$6,928
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	-\$53,886
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$10,161
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083988	The function of PLZF in innate T cells	-\$23,395

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI083988	The function of PLZF in innate T cells	\$23,395
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$16,412
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI095649	Leukocyte subset identification by single cell analysis of BTB-ZF gene	\$2,724
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	-\$5,300
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$89,878
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$277,151
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$18,608
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	-\$24,769
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F32AI102566	Immunopathogenesis of Spinal Tuberculosis (TB)	\$2,656
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	-\$277,151
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	-\$211,711
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	\$211,711
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI106551	A rapid molecular approach to determine PZA susceptibility	\$7,972
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI106551	A rapid molecular approach to determine PZA susceptibility	-\$7,973
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	\$6,928
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$13,656
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103636	Linking Triazole Resistance and Fitness in Aspergillus fumigatus	-\$14,761
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	-\$72,523
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	-\$22,944
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F32AI102566	Immunopathogenesis of Spinal Tuberculosis (TB)	-\$18,060
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI103636	Linking Triazole Resistance and Fitness in Aspergillus fumigatus	\$14,762
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	-\$13,656
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$429,293

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2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI100379	Vitamin D and Innate Immunity in Respiratory Infections	-\$4,010
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$22,944
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095649	Leukocyte subset identification by single cell analysis of BTB-ZF gene	-\$2,724
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$0
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103781	Synthetic lethality of bicyclomycin	-\$4,654
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	\$0
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	\$5,300
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	-\$44,693
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI103781	Synthetic lethality of bicyclomycin	\$4,654
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$0
2013	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunology	\$0
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$1,192
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	-\$429,293
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$0
2013	UNIVERSITY OF ROCHESTER	NY	F31AI094955	Platelet Mediated Immune Responses in Experimental Cerebral Malaria	-\$20,468
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$0
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$0
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$338,625
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$0
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$0
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$0

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2013	SUNY, BUFFALO	NY	F32AI092902	Fundamental Aspects of Kinetoplastid Mitochondrial RNA Stability	-\$48,251
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	UM1AI069532	New York University HIV/AIDS Clinical Trial Unit	\$0
2013	COLUMBIA UNIVERSITY	NY	R21AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$0
2013	COLUMBIA UNIVERSITY	NY	K99AI106072	Bacterial Attachment under Mechanical Perturbations	\$0
2013	CALADRIUS BIOSCIENCES INC	NY	R43AI098325	Development of Human, Autologous, Pluripotent Very Small Embryonic Like (VSELs) s	\$0
2013	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	-\$35,668
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI098395	Molecular and Cellular Basis of Toxin Mediated Pathogenesis in Staphylococcus aur	-\$7,390
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI061570	Immuno-regulation of GI nematode infection	\$103,353
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI096977	Induction of HIV Neutralizing Antibodies by Targeting Macaque B Cell Receptors	\$0
2013	NEW YORK UNIVERSITY	NY	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$1,039,961
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	\$0
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI094957	A Comparative Study of M. tuberculosis and M. bovis BCG of T cell responses	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI093231	Evaluating Innate Immune Responses in Dendritic Cells During HIV Infection	-\$14,904
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097673	Characterization of the MHC Class II Peptide Loading Complex	\$0
2013	ROCKEFELLER UNIVERSITY	NY	K99AI106942	ISG15 responsive pathway	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$0
2013	SUNY, BUFFALO	NY	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$32,066
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$0
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$0
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI073303	Cellular determinants of apoptosis in virus-infected cells	\$0
2013	OHIO STATE UNIVERSITY	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$0
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	-\$264,639

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2013	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$0
2013	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$0
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$0
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	-\$21,500
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	-\$172,310
2013	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$2
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	-\$58,310
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI043603	Murine Memory B Cell Development and Function	\$468,818
2013	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$0
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$116,591
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	-\$191,660
2013	THOMAS JEFFERSON UNIVERSITY	PA	R56AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$94,176
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	-\$97,560
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	-\$1,464,505
2013	UNIVERSITY OF PITTSBURGH	PA	R03AI101953	IFN-lambda polymorphisms and host response to respiratory viral infections in hum	\$67,213
2013	UNIVERSITY OF PITTSBURGH	PA	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	-\$1,017,903
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI081759	Enterovirus infection of polarized intestinal cells	\$0
2013	UNIVERSITY OF PITTSBURGH	PA	F32AI096772	Synergy between TLR2 and IL-22R in airway epithelial cells during MRSA challenge	-\$7,682
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI106058	Antiviral Effectiveness for Hospitalized Influenza in Pediatric Leukemia	\$0
2013	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	-\$114,305
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	-\$49,026

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2013	DREXEL UNIVERSITY	PA	R21AI096848	New Role for a Conserved Plasmodium Transcription Factor	\$0
2013	VIRONIKA LLC	PA	R43AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$0
2013	CARNEGIE-MELLON UNIVERSITY	PA	R03AI096029	Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections	\$24,324
2013	BROWN UNIVERSITY	RI	K22AI095021	Missed visits and virologic failure among HIV infected African Americans receivin	\$0
2013	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI099367	Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	-\$90,646
2013	SOUTH DAKOTA STATE UNIVERSITY	SD	R56AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100480	Adaptation of Staphylococcus aureus to Mn-limitation imposed by the host	-\$31,880
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI097485	Amino acid sensing and phenotypic adaptation in T cells	\$0
2013	MEMPHIS STATE UNIVERSITY	TN	R21AI099367	Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	\$90,646
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$0
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI102568	Metal-dependent regulation of the H. pylori Cag type IV secretion system	-\$52,190
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$0
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI097733	Novel mechanisms of TCR quality control	\$0
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$0
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083387	Host defense against respiratory virus infections	-\$67,132
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI106200	Control of Treg exhaustion by OX40	\$0
2013	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Mycobacteria	-\$60,663
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$701,822
2013	BAYLOR RESEARCH INSTITUTE	TX	R56AI105066	DC-ASGPR AS A NOVEL TARGET FOR CONTROLLING GVHD AND ALLOGRAFT REJECTION	\$0
2013	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$0
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$0
2013	RICE UNIVERSITY	TX	R56AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$0
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	\$128,169

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2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI100298	CyclinD1 and the mechanisms of thymic involution	\$5,127
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R56AI076322	The Outer Surface of Vibrio cholerae	\$0
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	\$107,944
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$0
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$0
2013	BAYLOR COLLEGE OF MEDICINE	TX	K23AI087821	Genome-wide genetic variation in the human immune response to influenza vaccines	\$0
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	-\$128,169
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI103248	Nitrate respiration by Salmonella during gut inflammation	\$94,414
2013	UNIVERSITY OF UTAH	UT	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	-\$419,973
2013	NAVIGEN INC	UT	R43AI098197	Protease-resistant D-peptide inhibitors of RSV entry	\$0
2013	UNIVERSITY OF UTAH	UT	R56AI032223	Borrelia Burgdorferi Mitogen in Development of Arthritis	\$0
2013	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseases and Transplantation Training Grant	\$0
2013	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$0
2013	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	\$311,506
2013	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$140,773
2013	UNIVERSITY OF VIRGINIA	VA	F32AI093041	The Role of Leptin in Susceptibility to Amebiasis	\$0
2013	TECHLAB, INC	VA	R41AI094733	Point-of-Care Diagnostic Test for Entamoeba histolytica Cysts	\$0
2013	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$0
2013	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$0
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI099936	Poxviral antagonism of the IFIT-mediated antiviral response	\$0
2013	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$0
2013	UNIVERSITY OF WASHINGTON	WA	F32AI104240	Pro-resolving lipid mediators in mycobacterial infection	\$0
2013	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	-\$28,474
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	-\$342,307
2013	UNIVERSITY OF WASHINGTON	WA	R01AI093418	Point-of-care concentration and detection of pathogen antigens in samples	\$0

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2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$0
2013	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$67,132
2013	UNIVERSITY OF WASHINGTON	WA	F32AI096759	Defining the role of the Inflammasome in immunity against Flavivirus Infection	-\$46,311
2013	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$0
2013	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$0
2013	UNIVERSITY OF WASHINGTON	WA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$288,770
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$0
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI093509	Cell-Binding Adhesins of Leptospira interrogans	\$0
2013	MINITUBE OF AMERICA	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	-\$172,660
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI104928	The roles of acidic autophagosomes in production of infectious poliovirus	\$0
2013	MOFA GROUP LLC	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	\$172,660
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$0
2012	DRUGS FOR NEGLECTED DISEASES INITIATIVE		R01AI090592	K777 for treatment of Chagas Disease: IND-enabling Studies and IND Submission	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$0
2012	UNIVERSITY OF ARKANSAS	AR	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	-\$257,212
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094048	A Drosophila model for NFkB and prostaglandin dependent inflammatory response	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI100638	Mechanistic Studies of HIV-exposed Seronegative Individuals	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI093179	A novel APOBEC-based vaccine approach for HIV	-\$19,121
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089896	An automated high throughput phenotypic screen for schistosomiasis drug discovery	\$0
2012	PHOENIX BIOSYSTEM INC	CA	R43AI102411	POINT OF CARE DIAGNOSTICS FOR URINARY TRACT INFECTION	\$0
2012	AURITEC PHARMACEUTICALS INC	CA	R43AI098473	Intravaginal ring delivery of tenofovir and emtricitabine	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083083	HIV-1 Nef's Role in Pathogenesis in vivo	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091068	Control of intestinal microflora and inflammation by immune sensing of flagellin	-\$15,364
2012	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R43AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI091534	pDC activation and lentiviral disease progression	-\$2,455
2012	UNIVERSITY OF CALIFORNIA	CA	R56AI091893	Role of Helicobacter Pylori in the Pathogenesis of Childhood Asthma	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI070043	Statistical Methods to Study the Impact of HIV Interventions	\$0
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079060	Immunological Priming to Hepatitis B Virus	\$0
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$0
2012	OAK CREST INSTITUTE OF SCIENCE	CA	R33AI079791	Intravaginal ring microbicide formulations comprising multiple anti-HIV agents	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$0
2012	UNIVERSITY OF SAN FRANCISCO	CA	R15AI097967	Innate immune response to microbial PAMPs in the schistosome-transmitting snail,	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$0
2012	COLORADO STATE UNIVERSITY	CO	R56AI095101	Efficacy Testing of HIV-Specific Microbicides in Humanized Mice	\$0
2012	UNIVERSITY OF COLORADO DENVER	CO	R56AI100991	HEPATITIS C VIRAL INFECTION IN HUMAN PREGNANCY	\$0
2012	UNIVERSITY OF COLORADO DENVER	CO	R56AI091994	Regulation of Herpesvirus Infection by Viral miRNAs	\$0
2012	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$0
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$0
2012	YALE UNIVERSITY	CT	T32AI055403	Predocctoral Training Program in Virology	\$0

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2012	YALE UNIVERSITY	CT	R01AI079222	Fcgamma mediated regulation of dendritic cell function	\$0
2012	L2DIAGNOSTICS, LLC	CT	R43AI092976	Diagnostic tools to link Bacteroides fragilis toxin isotypes and human disease	\$0
2012	YALE UNIVERSITY	CT	R01AI080781	Novel vaccines for broad protection against avian influenza	\$0
2012	GEORGETOWN UNIVERSITY	DC	R21AI090290	Novel antifungal therapeutics	\$0
2012	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$0
2012	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$0
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$0
2012	FLORIDA STATE UNIVERSITY	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$0
2012	FLORIDA STATE UNIVERSITY	FL	R01AI079150	Cyclosporine, Cyclophilins and HCV Replication	\$0
2012	EMORY UNIVERSITY	GA	R21AI094449	RBL Binding Domain Malaria Candidate Vaccines	\$0
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI048088	Regulation of West Nile virus replication.	\$0
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI038282	Kinetic analysis of ligand binding by TCR and CD8	\$0
2012	EMORY UNIVERSITY	GA	R56AI095712	Negative regulation of Plasma cells by CD28 and B7 molecules	\$0
2012	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$0
2012	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$0
2012	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$0
2012	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$0
2012	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$0
2012	UNIVERSITY OF IOWA	IA	R01AI076244	Subverted host cell signaling by AnkA in Anaplasma phagocytophilum infection	\$0
2012	UNIVERSITY OF IOWA	IA	R01AI058740	GBV-C effects on CD4 activation and expansion	\$0
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R33AI080528	Inflammatory response after combined insult of radiation and burn injury	\$0
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI092230	HSV encoded viral functions	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$0
2012	IMMUVEN INC	IL	R43AI102432	Ultrasensitive Detection Probes for Staphylococcus aureus Enterotoxins	\$0
2012	ITERATIVE THERAPEUTICS	IL	R43AI096683	Rapid Response Vaccines for Botulinum Neurotoxins	\$0
2012	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$0
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$0
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI096056	Mechanisms of Sap-mediated Antimicrobial Peptide Resistance	\$0

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2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$0
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI095425	Drug-induced liver injury associated with anti-retroviral therapy	-\$183,305
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$0
2012	VINDICO NANOTECHNOLOGY INC	KY	R43AI096605	A transfollicular nanovaccine against leishmaniasis	\$0
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI050656	Molecular Mechanisms Controlling NK Receptors	\$0
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI095859	NOVEL CELLULAR & GENETIC ANALYSES USING A NEW CHLAMYDIA PENETRANT PEPTIDE	\$0
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI093565	A molecular switch of the type III secretion system in Chlamydia trachomatis	\$0
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI099080	Molecular and chemical validation of the vacuole as a new antifungal agent	\$0
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI098484	A systems biology approach to fingerprint HIV immune defense in Elite Controllers	\$0
2012	BETH ISRAEL HOSPITAL	MA	R56AI097315	Role of Fc Receptor Polymorphisms in Antibody-Mediated Protection	\$0
2012	BOSTON COLLEGE	MA	R01AI081924	Cytoskeleton scaffold assembly in Toxoplasma gondii	\$0
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$0
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$0
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$0
2012	GLSYNTHESIS, INC	MA	R43AI100300	Oral prodrug of a novel antiviral that blocks neuronal reactivation of HSV	\$0
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$0
2012	TRUSTEES OF AMHERST COLLEGE	MA	R15AI101941	Determining function of flagellar regulatory protein IC138 in trypanosomes.	\$533
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI063433	Function of MVFR in Pseudomonas Aeruginosa Virulence	\$0
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$0
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI079085	Molecular T. vaginalis-host interactions in relevance to inflammatory sequelae	\$0
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$0
2012	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$0
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI104274	Nanowell-based single-cell technology for characterizing clinical samples ex vivo	\$0

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2012	BETH ISRAEL HOSPITAL	MA	R56AI099012	Regulation of chromatin modifications by miRNAs to control cytokine expression	\$0
2012	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$0
2012	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI092399	Role of T cell Specific Adaptor Protein in Alloimmunity	\$0
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$0
2012	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$0
2012	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$0
2012	SEQUELLA, INC	MD	R41AI094811	Targeting MtrAB of M. tuberculosis	\$0
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077556	Role of the antiviral ribonuclease, RNase-L, in the host antibacterial response	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI080417	Impact of Malnutrition on HIV Treatment Failure in Resource-Limited Settings	\$0
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$0
2012	UNIVERSITY OF MARYLAND	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$0
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB	\$0
2012	AERAS GLOBAL TB FOUNDATION	MD	R01AI090691	Generation and Evaluation of Pro-Apoptotic rBCG and Viral Vectors as TB Vaccine C	\$0
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R33AI080553	Ciprofloxacin enhances DNA repair capacity after radiation combined injury	\$0
2012	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$0
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$0
2012	Regents of the University of Michigan	MI	R01AI080611	Mechanisms of Norovirus Entry	\$0
2012	WAYNE STATE UNIVERSITY	MI	R21AI095520	Zebrafish as a natural host model for Vibrio cholerae	\$0
2012	MICHIGAN STATE UNIVERSITY	MI	R03AI090216	Deep sequence profiling of gRNA transcriptomes in two stages of Trypanosoma bruce	\$0
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI078951	Biomarker Screening of Essential Putative Glycoprotease Inhibitor	\$0
2012	MAYO CLINIC	MN	R56AI040384	Regulation of HIV-Mediated CD4 T Cell Apoptosis	\$0
2012	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$0

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2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI083234	Anthrax Toxin Lethal Factor Inhibition Study	\$0
2012	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	\$0
2012	WASHINGTON UNIVERSITY	MO	R21AI093175	CELLULAR RESTRICTIVE FACTOR TARGETED BY VIRAL PROTEIN X	\$0
2012	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF HOST RESPONSES TO RESPIRATORY VIRAL INFECTION BY ISG15	\$0
2012	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$0
2012	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$0
2012	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$0
2012	MONTANA STATE UNIVERSITY	MT	R21AI094268	Role of IbpA in maintaining viability of P. aeruginosa biofilm persister cells	\$0
2012	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$0
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$0
2012	DUKE UNIVERSITY	NC	R56AI052779	HIV-1 Gene Suppression by CD8+ T Cells	\$0
2012	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$0
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083059	Acute HIV infection - A key link for transmission prevention	\$0
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096268	First Transcriptome to the Tick Olfactory System	\$0
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	-\$2,278
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	-\$5,103
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	\$6,199
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$6,016
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	-\$6,017
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	-\$6,199
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$14,981
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	-\$14,981
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	\$2,278
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	\$5,103
2012	SUNY, BINGHAMTON	NY	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	\$284,842

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2012	SUNY, STONY BROOK	NY	R56AI060866	gC1q-R/P33: Structure-function and role in inflammation	\$0
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$0
2012	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$0
2012	CORNELL UNIVERSITY	NY	R01AI073955	Eosinophils and Allergic Airway Responses	\$0
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	-\$1,470
2012	SIENA COLLEGE	NY	R15AI101941	Determining function of flagellar regulatory protein IC138 in trypanosomes.	-\$533
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094166	Recruitment of CX3CR1-GFP+ monocytes during Schistosoma mansoni infection	\$0
2012	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$644
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$0
2012	SUNY, STONY BROOK	NY	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$0
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dysfunction & fetal brain developmen	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084119	Structure-Based Characterization of gp120 Non-V3 Variable Loop Epitopes	\$0
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI072259	Regulation of Innate Immunity by Pypin Proteins	\$0
2012	THERASOURCE LLC	NY	R43AI096777	Human Ghrelin As An Effective Mitigator of Acute Radiation Injury	\$0
2012	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$0
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$0
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$0
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$0
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K99AI093884	Cellular and Molecular Basis of Gamma/Delta T Cell Antigen Recognition	\$0

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2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$0
2012	CUNY, RESEARCH FOUNDATION	NY	R21AI094545	Synthetic Methodology to Access Novel Antivirals	\$0
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI076341	Mechanisms of Pneumococcal Adherence	\$0
2012	OHIO STATE UNIVERSITY	OH	R34AI100789	Treating cutaneous leishmaniasis by radio-frequency induced heat (RFH) therapy	\$0
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$0
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$0
2012	OHIO STATE UNIVERSITY	OH	R56AI058279	Molecular regulation of diapause in Culex pipiens	\$0
2012	OHIO STATE UNIVERSITY	OH	R01AI077722	The Floral Dimension of African Malaria	\$0
2012	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$0
2012	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$0
2012	OHIO STATE UNIVERSITY	OH	R21AI095987	Vitamin D and the prevalence, incidence, and persistence of bacterial vaginosis	\$0
2012	UNIVERSITY OF CINCINNATI	OH	R56AI095442	Role of Cytomegalovirus GPCRs in Pathogenesis in Vivo	\$0
2012	DESIGNMEDIX INC	OR	R41AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$0
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	\$0
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI100569	Optimizing ELQs for Treatment and Prevention of Malaria	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI043745	Gene Therapy for Canine X-linked SCID	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI094896	G-Protein Coupled Receptor Kinase-2 on IgE Signaling in Mast Cells	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI090178	Identification of novel DNA repair mechanisms in Mycobacterium tuberculosis	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R21AI090158	Evaluation of Small Molecule Inhibitors of Hemoglobin Transport as Antimalarials	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI038965	Negative selection of autoreactive antibodies	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI097679	Pathogenic Role of NK Cells During Infection-Induced Toxic Shock	\$0

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2012	PHILADELPHIA RESEARCH EDUCATION FOUNDATION	PA	R01AI081717	The Role of Glycolipids and CD1 in the Immunology of Leishmania Infection	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI046806	Regulation of Persistent Antibody Responses by FC Receptors	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$0
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI092007	Peptide effectors of virulence factor production in Vibrio cholerae	\$0
2012	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI081334	Human Rabies Virus Vaccine Development	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI095425	Drug-induced liver injury associated with anti-retroviral therapy	\$183,318
2012	PROTHERA BIOLOGICS LLC	RI	R42AI062095	Role of Inter-alpha Inhibitors in Anthrax Intoxication	\$0
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R56AI095657	Dual role of complement in post-ischemic inflammation and recovery	\$0
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$0
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI102568	Metal-dependent regulation of the H. pylori Cag type IV secretion system	-\$1,035
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI092268	Epitope shifting and Antibody Maturation during Rotavirus Infection	\$0
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$0
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$0
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$0
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$0
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI081093	Molecular Mechanisms Regulating Early Stage Tick Feeding	\$0
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI050848	The function of CARD9 in innate immune responses	\$0
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$0
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI094676	Internet-based HIV Prevention for MSM in India	\$0
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$0
2012	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$0
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI088450	E. coli O157: H7 Vaccine Development	\$0
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$0
2012	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$0
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI084734	MYCOBACTERIUM TUBERCULOSIS REPLICATION AND PROLIFERATION	\$0
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI083646	Identification of Salmonella Genes Important for Systemic Colonization	\$0
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI043003	Pathogenic Mechanisms of Cutaneous Leishmaniasis	\$0
2012	GEORGE WASHINGTON UNIVERSITY	VA	R21AI093179	A novel APOBEC-based vaccine approach for HIV	\$19,616
2012	GEORGE WASHINGTON UNIVERSITY	VA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$0
2012	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$0
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$0
2012	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R03AI092156	Human pathogenic bacterium induces actin phosphorylation to selectively regulate	\$0
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FceRI-mediated allergic responses	\$0
2012	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$0
2012	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R03AI090197	Anaplasma phagocytophilum induce Ixodes scapularis antifreeze glycoprotein gene e	\$0
2012	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$0
2012	UNIVERSITY OF WASHINGTON	WA	R21AI095023	The Role of Exosomes in Semen for HIV Infection in the Genital Mucosa of Women	\$0
2012	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$0
2012	UNIVERSITY OF WASHINGTON	WA	R01AI078802	Low-frequency HIV-1 Drug Resistance in Primary HIV-1 Infection	\$0
2012	IASIS MOLECULAR SCIENCES LLC	WA	R43AI098214	Treatment of Wound Infection with Novel Uncharged Silver Carbene Complexes	\$0
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI092004	Rapid Analytics for Endotoxin using Liquid Crystalline Droplets	\$0
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI097207	Autoantibody production and regulatory T cells	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$0
2011	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$7,493

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2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI062894	Genetically-Programmed APC Vaccines Against Viruses	\$0
2011	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$0
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI022383	Conjugal Transfer of Bacteriodes Antibiotic Resistances	\$0
2011	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$0
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$0
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$0
2011	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI089052	Mechanism of Class III viral fusion proteins.	-\$9,650
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI062446	HIV Integration Profiling and Viral Persistence in Children and Youth	\$0
2011	BOWDOIN COLLEGE	ME	R15AI090633	Role of genome plasticity in Candida albicans host-pathogen interactions	\$0
2011	GRAND VALLEY STATE UNIVERSITY	MI	R15AI094489	Structure-based discovery and design of novel class D beta-lactamase inhibitors	\$0
2011	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$0
2011	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$0
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI088765	Infectious Triggers in Chronic Fatigue Syndrome	-\$154,439
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	-\$37,125
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$3,710
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI088765	Infectious Triggers in Chronic Fatigue Syndrome	\$154,439
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	-\$750
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	\$37,125
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	-\$3,710
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	\$750
2011	NATIONAL TECH & ENGINEERING SOLUTIONS OF SANDIA LLC	NM	U01AI075441	Portable Microfluidic Platform for Biotxin Diagnostics	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI091871	Silencing of Th17 cell differentiation by IRF8 in the development of colitis	\$0
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI093763	Immunologic mechanisms in post-Lyme disease syndrome	\$0

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2011	DETECT BIOSCIENCES LLC	NY	R41AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI091543	Production of Cross-Neutralizing HIV-1 Antibodies from Single B Cells	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI093210	HIV Envelope gp120-induced immunosuppression	\$0
2011	MIAMI UNIVERSITY	OH	R15AI073994	Gliding motility and cytoadherence in Mycoplasma penetrans	\$0
2011	VIROGENOMICS INC	OR	R43AI082834	Development of a plant-grown subunit vaccine against respiratory syncytial virus	\$0
2011	SONITU PHARMACEUTICALS LLC	PA	R43AI084287	Broad Spectrum Antidotes against Superantigen Toxins	\$0
2011	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$0
2011	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$0
2011	UNIVERSITY OF TENNESSEE	TN	R56AI090095	Ferric enterobactin acquisition systems in Campylobacter	\$0
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI050848	The function of CARD9 in innate immune responses	\$0
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$0
2010	CORPORATION OF MERCER UNIVERSITY	GA	R15AI062713	Varicella-Zoster Virus Encapsidation Proteins	\$0
2010	LOYOLA UNIVERSITY OF CHICAGO	IL	R15AI085559	A New Antibacterial Drug Target: Analyzing Inhibitor Binding to a Bacterial Metal	\$0
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F32AI081480	Role of a Borrelia burgdorferi fibronectin-binding protein in Lyme Disease	-\$40,748
2010	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2010	TOWSON STATE UNIVERSITY	MD	R15AI085503	Microbial Pattern Recognition by the Social Amoeba Dictyostelium discoideum - Mod	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT WILMINGTON	NC	R15AI088567	The Impact of Bacterial Fatty Acid Structure on the Activity of Antimicrobial Pep	\$0
2010	WRIGHT STATE UNIVERSITY	OH	R15AI090613	Function and regulation of TRPM7 Mg2+-inhibited cation channels	\$0
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$0
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI074248	Regulation of the CD4 T cell Response to Mycobacterium tuberculosis	-\$17,544
Issue Date FY: 2013 (Subtotal = \$2,487,606,415)					
2013	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$135,000
2013	INFECTIOUS DISEASES INSTITUTE AT MAKERERE UNIVERSITY		R01AI078934	THE IMMUNOPATHOGENESIS OF HIV-RELATED IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME	\$98,495

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF CAPE TOWN		R01AI096735	An evidence based algorithm for diagnosis of tuberculosis in HIV patients	\$110,553
2013	Barcelona Centre for International Health Research		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2013	KENYA MEDICAL RESEARCH INSTITUTE		R01AI099525	Integrating geographical and genetic mapping of salmonella disease in an endemic	\$138,698
2013	WITS HEALTH CONSORTIUM		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$2,591,933
2013	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$342,515
2013	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$134,200
2013	FUNDACAO FACULDADE DE MEDICINIA		UM1AI069420	Sao Paulo Clinical Trials Unit	\$328,178
2013	FIOTEC		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$3,247,921
2013	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$1,248,202
2013	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$239,286
2013	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$440,155
2013	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$1,715,652
2013	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$94,638
2013	UNIVERSITY OF DURHAM		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$417,514
2013	MAHIDOL UNIVERSITY		R01AI089410	MAS-PCR RAPID SCREENING TEST FOR MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB)	\$113,211
2013	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	\$621,705
2013	NATIONAL AIDS RESEARCH INSTITUTE		UM1AI069417	National AIDS Research Institute (NARI), Pune, INDIA: Clinical Trials Unit	\$1,642,668
2013	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,669,320
2013	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$96,444
2013	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$265,873
2013	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$244,990
2013	EVA PERON ACUTE INTERZONAL GEN HOSPITAL		R01AI083188	Development of T cell memory in human Trypanosoma cruzi infection	\$1
2013	STATENS SERUM INSTITUTE		R01AI093697	Genome-wide association study of febrile seizures following measles, mumps, rubel	\$188,951

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$253,800
2013	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	THE IMPACTA PERU CLINICAL TRIALS UNIT	\$2,434,595
2013	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$132,666
2013	CENTRE HOSP UNIV VAUDOIS CHUV		UM1AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$371,869
2013	UNIVERSITY OF BRITISH COLUMBIA		R21AI098701	NOVEL ADJUNCTIVE THERAPY FOR DRUG RESISTANT GRAM-NEGATIVE PATHOGENS	\$126,281
2013	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$281,863
2013	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	\$329,272
2013	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099527	Impact of Distinct Eco-epidemiology on Malaria Drug Resistance in Ghana	\$118,003
2013	UNIVERSITY OF CAPE TOWN		U01AI110466	The nasopharyngeal microbiome and respiratory disease in African children	\$339,500
2013	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUNCTU)	\$785,614
2013	ASOCIACION COOPERADORA DEL HOSP INTERZONAL DE AGUDOS EV		R01AI083188	Development of T cell memory in human Trypanosoma cruzi infection	\$95,587
2013	WORLD HEALTH ORGANIZATION		U01AI1108543	Enhanced collaboration between US NIH and WHO on biomedical research	\$664,139
2013	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		UM1AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$0
2013	SOUTHERN MEDICAL UNIVERSITY		R01AI083202	IMPACTS OF URBANIZATION ON VECTOR BIOLOGY AND TRANSMISSION OF DENGUE IN CHINA	\$95,816
2013	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in Haemophilus influenzae	\$7,850
2013	UNIVERSITY OF MALI		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	\$347,799
2013	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$123,296
2013	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$435,664
2013	TEL AVIV UNIVERSITY		R21AI096940	HIGH THROUGHPUT HIGH RESOLUTION PROFILING OF ANTIBODY SPECIFICITIES OF POLYCLONAL	\$125,186
2013	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	\$755,045
2013	FUNDACAO DE APOIO A PESQUIS E A EXTENSAO DBA FAPEX		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$281,961

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI060561	Immune complexes: Origins and effects in HCV infection	\$253,800
2013	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$737,477
2013	MANUEL PEREZ FOUNDATION		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$97,648
2013	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$1,374,213
2013	MAHIDOL UNIVERSITY		R01AI099385	Innate immune mechanisms in dengue infection	\$133,659
2013	UNIVERSITY OF OTAGO		R01AI085072	MOLECULAR MECHANISM OF CELL-CELL SPREAD OF LISTERIA IN POLARIZED EPITHELIAL CELLS	\$227,195
2013	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R21AI102166	TARGETTING THE NIEMANN-PICK DISEASE TYPE C CELLULAR PATHWAY AS A NOVEL APPROACH T	\$147,023
2013	UNIVERSITY OF CAPE TOWN		R01AI104817	HOST AND MICROBIOLOGICAL DETERMINANTS OF INFECTIOUSNESS IN PATIENTS WITH DRUG SEN	\$135,000
2013	UNIVERSITY OF SOUTHAMPTON		R21AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$142,922
2013	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants mechanisms	\$195,812
2013	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		UM1AI069429	Program for HIV Prevention and Treatment-Clinical Trial Unit, Thailand	\$865,026
2013	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	\$149,370
2013	MAHIDOL UNIVERSITY		R01AI104822	Discovery & validation of novel P. vivax antigens for identification and monitori	\$132,200
2013	NATIONAL HOSPITAL FOR TUBERCULOSIS & PULMONARY DISEASES		U01AI110422	Contribution of genetic variation to pharmacokinetic variability and toxicity in	\$5,000
2013	UNIVERSIDAD PERUANA CAYETANO		R01AI104820	Impact of Fascioliasis among Children in the Peruvian Highlands	\$131,292
2013	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$181,822
2013	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,789,548
2013	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$584,556
2013	MCGILL UNIVERSITY		R01AI073889	HITCH: A STUDY OF HPV TRANSMISSION IN YOUNG COUPLES	\$89,545
2013	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South Africa MRC HIV Prevention Trials Unit	\$8,748,095
2013	UNIVERSITY OF KWAZULU-NATAL		UM1AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$600,000
2013	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$111,531

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	FOUNDATION FOR RESEARCH DEVELOPMENT		P50AI098507	Modeling Drug Induced Resistance in <i>S. mansoni</i> Endemic Areas	\$259,600
2013	MCGILL UNIVERSITY		R21AI097814	VISUALIZING INVARIANT NKT CELL DYNAMICS FOLLOWING IMMUNIZATION AND INFECTION	\$130,338
2013	CORPORACION CTR INTL DE ENTRENAMIENTO DE INVESTIGACION		R01AI104823	Macrophage drug transport and metabolism in the outcome of antileishmania therapy	\$134,832
2013	PUBLIC HEALTH FOUNDATION OF INDIA		R01AI084315	ASSESSMENT OF HIV INCIDENCE AND ITS DETERMINANTS IN A POPULATION-BASED LONGITUDIN	\$85,333
2013	KENYA MEDICAL RESEARCH INSTITUTE		R01AI094580	EPIDEMIOLOGY OF CLINICAL MALARIA IN WESTERN KENYA HIGHLANDS	\$50,760
2013	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$1,119,476
2013	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,561,607
2013	TUBERCULOSIS RESEARCH CENTRE		R01AI084390	HIV associated Lipodystrophy Syndrome in Children: Role of nutrition, ART & Genes	\$115,238
2013	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPER	\$648,324
2013	INSTITUTE OF MOLECULAR /CELLULAR BIOLOGY		R01AI095183	Transcriptional regulation of lipid homeostasis in mycobacteria	\$88,383
2013	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in <i>Haemophilus influenzae</i>	\$49,884
2013	UNIVERSITY OF QUEENSLAND		R21AI098731	DISCOVERY OF POLYMYXIN-BASED ANTIBACTERIAL AGENTS ACTIVE AGAINST MULTI-DRUG RESIS	\$120,307
2013	CIVIL ASSOCIATION OF THE AMAZON JUNGLE		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$281,068
2013	UNIVERSITY OF KWAZULU-NATAL		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$4,393,545
2013	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI103629	A longitudinal immunological and virological study for ME CFS biomarker discovery (Renewal)	\$539,274
2013	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$125,403
2013	UNIVERSITY OF CAPE TOWN		R34AI106530	A DOUBLE-BLIND RANDOMIZED CONTROLLED PHASE IIB TRIAL OF SAFETY AND IMMUNOGENICITY	\$161,582
2013	INSTITUTO DE MEDICINA MOLECULAR		F32AI104252	Engineered liver platforms to study regulation of host microRNA in <i>Plasmodium liv</i>	\$7,850
2013	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$48,411
2013	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$508,891

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI082734	DEVELOPMENT OF A FIELD APPLICABLE SCREENING TOOL (FAST) KIT FOR DETECTING RESISTA	\$168,335
2013	BIOTA SCIENTIFIC MANAGEMENT		R01AI094456	Development of Novel Inhibitors of Clostridium difficile.	\$1
2013	MED RESEARCH COUNCIL LABORATORY OF MOLECULAR BIOLOGY		F32AI091311	Studies of Antibody Diversity and Genome Stability: Regulation of Activation-Indu	\$7,850
2013	UNIVERSITY OF CAPE TOWN		UM1AI069519	Cape Town Clinical Trials Unit (CT-CTU) for HIV/AIDS Prevention & Treatment	\$1,931,860
2013	SUSTAINABLE SCIENCES INSTITUTE		R01AI099631	Epidemiological, Clinical & Immunological Studies of Zika, dengue and chikungunya	\$141,160
2013	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$222,264
2013	WITS HEALTH CONSORTIUM		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$3,619,097
2013	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$1
2013	UNIVERSITY OF SOUTHAMPTON		R21AI102239	TARGETING MATRIX METALLOPROTEINASES TO LIMIT IMMUNOPATHOLOGY IN AIRBORNE INFECTIO	\$139,295
2013	WITS HEALTH CONSORTIUM		R01AI104387	Evolution of glycan-reactive broadly neutralizing anti-v2 antibodies in HIV infec	\$503,182
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$344,765
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$304,680
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI103401	UAB-MISS WIHS Cohort	\$1,500,001
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$345,715
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI080669	FUSION INHIBITORS OF INFLUENZA VIRUS	\$320,288
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI082966	IL- 21 AND IMMUNE MEDIATED VIRAL CONTROL	\$437,798
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$344,275
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$344,275
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	\$702,298
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI107232	Identification and Analysis of the Physiological Ligand for TLT2	\$206,977
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI101087	STRUCTURAL BASIS OF VESUCULAR STOMATITIS VIRUS TRANSCRIPTION AND REPLICATION	\$344,275
2013	AUBURN UNIVERSITY	AL	R15AI107773	Impact of bacterial infection on myeloid dendritic cell development	\$444,000
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$448,680
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$4,153,930

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2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083632	COPPER TRANSPORT IN MYCOBACTERIUM TUBERCULOSIS	\$337,425
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	\$34,094
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI090742	ROLE OF IG CDR-H3 IN RESPONSES TO HIV VACCINES	\$343,366
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$2,252,736
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104952	HTS for bactericidal inhibitors of M. tuberculosis copper resistance mechanisms	\$340,718
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI097729	MODELING FCRL6 REGULATION AND FUNCTION IN TRANSGENIC MICE	\$172,627
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	\$418,801
2013	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$1,000,000
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI107759	Molecular Regulation of MS Susceptibility Genes	\$345,157
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$307,966
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$3,274,075
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI084772	HIV-1 CRYPTIC EPITOPES: IMPLICATIONS FOR VACCINE DESIGN	\$451,070
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI099867	THE REGULATION OF T CELL EXHAUSTION BY ADHESION MOLECULES	\$219,750
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI094625	IGM FC RECEPTOR IN CLL	\$183,125
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI104458	Neutrophil-mediated immune suppression as a mechanism of HIV-1 pathogenesis.	\$220,125
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI102187	HOST FACTORS REQUIRED FOR DENGUE AND YELLOW FEVER VIRUS AMPLIFICATION	\$194,348
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI103769	Glucose regulation of bacterial virulence in diabetes and hyperglycemia	\$220,125
2013	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI020384	Genetic Analysis of Rickettsia prowazekii	\$457,520
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI106395	Vaginal Dendritic Cells Selectively Transmit HIV-1 Founder Virus	\$207,212
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI093103	THE ROLE OF WCJE DISRUPTION IN PNEUMOCOCCAL SEROTYPE 11A HUMORAL ESCAPE	\$39,033
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089337	Chimeric adenoviruses for an improved HIV vaccine	\$344,275
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	\$133,596
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$344,275
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$340,832
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI090902	HLA Region and KIR Genomics in Common Variable Immune Deficiency	\$486,584

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2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI099407	DESIGN AND SYNTHESIS OF STRUCTURALLY DEFINED QS-21-BASED SYNTHETIC ADJUVANTS	\$73,250
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$345,058
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104499	HTS for Synergistic Activators of Latent HIV-1 Infection	\$506,783
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI102594	The Role of PcpA in the Mechanism of Virulence and Protective Immunity.	\$19,181
2013	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI103272	Gene expression in stage-specific populations of Rickettsia prowazekii	\$222,750
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$338,806
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI087101	Structural basis for HIV-1 Gag interactions with cellular constituents	\$340,832
2013	UNIVERSITY OF SOUTH ALABAMA	AL	K22AI089786	CONTROL OF ASPERGILLUS FUMIGATUS POLARIZED GROWTH THROUGH REGULATION OF RAS PROTE	\$107,080
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$303,678
2013	SOUTHERN RESEARCH INSTITUTE	AL	R21AI101924	SYNTHETIC GYPSOGENIN SAPONINS AS SYNERGISTIC VACCINE ADJUVANTS	\$315,082
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI101642	DUAL FUNCTION OF VPO1 IN PATHOGEN RECOGNITION AND KILLING	\$172,676
2013	SOUTHERN RESEARCH INSTITUTE	AL	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	\$109,623
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI103438	Genetic Epidemiology of HPV Infection Outcome in Men	\$89,783
2013	SOUTHERN RESEARCH INSTITUTE	AL	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$559,074
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$522,058
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI100076	DEFINING THE INTERACTION OF FCRLA WITH IMMUNOGLOBULIN	\$73,250
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFN α and IL-17	\$344,275
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI097876	ROLE OF CCR1 IN CYTOKINE STORM & IMMUNOPATHOLOGY AFTER INFLUENZA INFECTION	\$183,125
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI104725	Controlling Th2 immunity by tuning CXCL13 dependent DC migration in lymph nodes	\$344,765
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI101138	Innate Immunity and Viral Renal Allograft Injury	\$340,403
2013	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI106307	Mechanism of Paramyxovirus Replication	\$537,760
2013	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI077932	IMMUNOREGULATORY NETWORKS IN CHLAMYDIA GENITAL TRACT INFECTION	\$132,300

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2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI107148	Coxiella burnetii Regulation of Macrophage cAMP/PKA Signaling	\$201,423
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI099184	Characterization of Antiviral Functions of Sterile Alpha Motif-Containing Domain	\$160,800
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI037027	CAPSULE REGULATORY NETWORK IN S. AUREUS PATHOGENESIS	\$267,176
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$393,898
2013	ARKANSAS STATE UNIVERSITY	AR	R21AI094185	RTB-MEDIATED DELIVERY: ORCHESTRATING ANTIGEN TRAFFICKING TO ENHANCE CELL IMMUNITY	\$191,760
2013	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Biennial Meeting of the Chlamydia Basic Research Society	\$10,000
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI090179	A PROTECTIVE ROLE FOR IL-17 IN BLOOD-STAGE MALARIA	\$184,375
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI094079	MECHANISMS OF REOVIRUS BLOODSTREAM DISSEMINATION	\$108,000
2013	AC DIAGNOSTICS INC	AR	R41AI104418	Point of Care Device for Molecular Detection of HIV	\$299,995
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$371,514
2013	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI074935	REGULATION OF BIOFILM FORMATION IN CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS	\$341,267
2013	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	\$356,025
2013	BLOOD SYSTEMS INC	AZ	R21AI102791	High throughput measurement of envelope gene diversity for an HIV incidence assay	\$227,116
2013	ARIZONA STATE UNIVERSITY	AZ	R56AI102559	TEXT PROCESSING AND GEOSPATIAL UNCERTAINTY FOR PHYLOGEOGRAPHY OF ZONOTIC VIRUSES	\$451,478
2013	UNIVERSITY OF ARIZONA	AZ	R01AI107966	Type IV pilus as a switch that determines consequences of Neisseria colonization	\$516,463
2013	UNIVERSITY OF ARIZONA	AZ	R01AI081972	CD46 AS A SIGNALING INTERMEDIATE IN N. GONORRHOEAE INFECTION	\$352,465
2013	ARIZONA STATE UNIVERSITY	AZ	R03AI094193	ISOLATING VIRAL PARTICLES FROM WHOLE BLOOD	\$68,892
2013	ARIZONA STATE UNIVERSITY	AZ	R21AI100199	REMODELING SALMONELLA OUTER MEMBRANE FOR VACCINE DEVELOPMENT	\$180,950
2013	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI101371	Rapid Emergence of Livestock-associated MRSA ST398: Host-adaptation & Virulence	\$438,971
2013	BLOOD SYSTEMS INC	AZ	R21AI108503	Characterization of the HIV-1 Latent Reservoir in CCR5-Delta 32 Heterozygotes	\$222,431
2013	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$283,334
2013	ARIZONA STATE UNIVERSITY	AZ	R03AI099740	PATHOGEN ISOLATION AND CONCENTRATION FOR PHENOTYPIC SUBTYPING	\$68,609

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2013	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI089846	Role of Macrophage Regulatory Cells (Mac-regs) in Immune Regulation	\$385,400
2013	BLOOD SYSTEMS INC	AZ	R21AI107165	Broad spectrum antivirals targeting envelope proteolysis and viral uncoating	\$277,535
2013	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$348,941
2013	UNIVERSITY OF ARIZONA	AZ	R01AI083927	DRUG TRANSPORT AT THE BLOOD-TESTIS BARRIER	\$352,465
2013	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	\$380,237
2013	UNIVERSITY OF ARIZONA	AZ	R56AI105062	ANTAGONISTIC VIRAL DETERMINANTS REGULATING THE OUTCOME OF INFECTION	\$380,413
2013	UNIVERSITY OF ARIZONA	AZ	R25AI097448	Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q	\$188,030
2013	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI090782	Molecular Antibiotic Resistance Arrays for clinical microbiology laboratories	\$960,677
2013	ARIZONA STATE UNIVERSITY	AZ	R21AI105479	Rabbit model to assess reactogenicity and immunogenicity of Salmonella vaccines	\$192,500
2013	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$354,791
2013	UNIVERSITY OF ARIZONA	AZ	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$348,941
2013	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R21AI098059	FUNCTIONAL GENOMIC ANALYSES OF EMERGING CRYPTOCOCCUS SUBTYPES IN NORTH AMERICA	\$226,142
2013	ARIZONA STATE UNIVERSITY	AZ	R21AI101329	BIFUNCTIONAL ANTIBODIES WITH TARGETED CNS DELIVERY AGAINST WEST NILE VIRUS	\$223,397
2013	ARIZONA STATE UNIVERSITY	AZ	R21AI098081	ALTERATION OF LIPID A ACYL CHAIN LENGTH IN SALMONELLA	\$180,950
2013	NORTHERN ARIZONA UNIVERSITY	AZ	R15AI101913	Environmental sampling of Leptospira species to link to human leptospirosis cases	\$435,583
2013	UNIVERSITY OF ARIZONA	AZ	R56AI107117	Tfh cells: linking the gut microbiota to a gut-distal autoimmune disease	\$356,025
2013	ARIZONA STATE UNIVERSITY	AZ	R01AI060557	Salmonella Vaccines Against Bacterial Enteropathogens	\$410,849
2013	ARIZONA STATE UNIVERSITY	AZ	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	\$964,143
2013	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$360,019
2013	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$356,025
2013	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	\$430,421
2013	UNIVERSITY OF ARIZONA	AZ	R01AI091843	On the Edge: Dengue and Climate	\$498,543
2013	UNIVERSITY OF ARIZONA	AZ	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$0

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2013	UNIVERSITY OF ARIZONA	AZ	R13AI106171	TWENTY SEVENTH FUNGAL GENETICS CONFERENCE	\$8,000
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$366,796
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell surface polymer display in Gram-positive bacteria	\$353,596
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$453,668
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$327,825
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$397,622
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$1,747,355
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$326,786
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$427,230
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$464,127
2013	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$269,834
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$329,800
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$289,540
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$364,250
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$2,819,495
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$114,999
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,644,802
2013	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,833,903
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$397,369
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$445,325
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$385,500
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$124,010
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080564	IFN-A AND PDC IN HIV INFECTION: IMPACT ON T CELL DEVELOPMENT AND RECONSTITUTION	\$323,572
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081757	MICRORNA REGULATION OF HUMAN T AND B CELL ACTIVATION	\$436,464
2013	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$368,801

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2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$315,918
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda (PRISM) Renewal	\$2,058,047
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$346,672
2013	LOMA LINDA UNIVERSITY	CA	R01AI090659	HIGHLY INNOVATIVE TACTICS TO INTERRUPT TRANSMISSION OF HIV (HIT-IT)	\$542,713
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI094251	Improving Early Identification of Drug Resistant Tuberculosis in HIV Prevalent Se	\$125,010
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$352,845
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$441,802
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI093163	Molecular Epidemiology of HIV-1 in the California-Mexico Border Region	\$128,928
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089831	Interplay of Innate and Adaptive Immunity in Lupus Pathogenesis	\$359,444
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$345,066
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	F32AI096698	NEGATIVE REGULATION OF NLRP1-INFLAMMASOMES BY THE LINEAR UBIQUITIN ASSEMBLY COMPL	\$53,942
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079043	Innate Control of Hepatitis C Virus Infection: Antiviral and Evasion Mechanisms	\$441,802
2013	PLANET BIOTECHNOLOGY INC	CA	R01AI093397	cGMP manufacturing of PBI-220, a broad spectrum immunoadhesin therapeutic against	\$1,145,064
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$401,901
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$180,363
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI100905	TNF FAMILY MEMBERS AND CONTROL OF FIBROTIC DISEASE	\$204,450
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	UM1AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$1,565,286
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI091911	MECHANISM OF IMMUNE REGULATION BY CD11B+ MYELOID CELLS IN THE INTESTINE	\$223,000
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI098652	TRANSCRIPTOMICS AND POPULATION GENETICS OF MOSQUITO RESISTANCE TO PYRETHROIDS	\$192,292
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and anergy	\$419,240
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI101569	A NEW CLASS OF IMMUNOMODULATOR, CRAC CHANNEL BLOCKERS	\$217,140
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methyltransferases	\$314,117

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI098091	TARGETING BACTERIAL PHOSPHATASES FOR NOVEL ANTI-BACTERIAL AGENTS.	\$292,500
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of <i>Cryptococcus neoformans</i>	\$363,075
2013	STANFORD UNIVERSITY	CA	R21AI097633	PHOSPHOPROTEOME OF TOXOPLASMA	\$195,490
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$353,492
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$382,694
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis <i>P. aeruginosa</i> biofilms	\$365,808
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$496,796
2013	VIROGENICS INC	CA	R43AI100398	siRNA Modulation of the Immune Response	\$300,000
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI101692	ANALYSIS OF THE IMMUNOLOGICAL ROLE OF PHOSPHOLIPASE D4	\$133,598
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI106528	Bio-Nanoparticles for HIV Antigen Delivery	\$231,000
2013	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$22,100,150
2013	PAXVAX INC	CA	R44AI091546	Oral, replicating Ad4-HIV vaccine development & evaluation in NHP challenge model	\$1,000,000
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI104914	Innate immunity and Salmonella pathogenesis	\$329,940
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI108398	Heat shock protein 90 and HIV persistence	\$221,253
2013	VLP BIOTECH INC	CA	R44AI088919	A Therapeutic Vaccine for Chronic Hepatitis B	\$982,569
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102892	Molecular Pharmacology of NKT Cell Agonists	\$697,142
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI105779	<i>Trichomonas vaginalis</i> MIF: a role in prostate cancer and infertility?	\$217,140
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R03AI105636	A publicly-accessible <i>Cryptococcus</i> genome database: annotation of the <i>Cryptococcus</i>	\$90,910
2013	UNIVERSITY OF CALIFORNIA	CA	F31AI108189	Surveillance and Modeling of West Nile Virus Risk in California	\$34,102
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI106874	THE MICROBIOME DRIVES MAST CELL RECRUITMENT IN THE SKIN	\$162,114
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101722	NATURAL PRODUCTS FROM A HUMAN-ASSOCIATED FUNGAL PATHOGEN	\$184,475
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R56AI106895	Regulation of Chronic Viral Infections	\$458,250
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI097354	Noninvasive imaging of eosinophils	\$167,690
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Virus Infection	\$375,055
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI107343	Transcriptional heterogeneity within pro-B cells	\$267,195
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI107318	Structure and function of peptide presentation by CD1d	\$249,570
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI070654	ANALYZING ANTHRAX TOXINS IN DROSOPHILIA	\$364,250

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2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI022931	Molecular Aspects of Leukocyte Antimicrobial Peptides	\$405,520
2013	SCRIPPS RESEARCH INSTITUTE	CA	R56AI099275	STRUCTURAL INSIGHTS INTO PANDEMIC AND EMERGING INFLUENZA VIRUSES	\$822,570
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI020038	REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	\$363,099
2013	PROGNOSYS BIOSCIENCES INC	CA	R43AI104140	A HIGH THROUGHPUT ASSAY FOR MHC-PEPTIDE INTERACTIONS	\$223,808
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI101492	Antibody Targeting of KPC and NDM1	\$174,908
2013	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R21AI104445	Effects of Acitretin on the activation of latent HIV	\$180,128
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103624	An anti-inflammatory protein of H. pylori: mechanism and diagnostic potential	\$170,479
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105057	Innate enteric immunity during induced Paneth cell deficiency	\$192,749
2013	VIROGENICS INC	CA	R41AI104034	Modulation of the Innate Immune System by Fisetin for the Treatment of AD	\$299,968
2013	PRIMITY INC	CA	R44AI091284	Cell-Based Screening for Multi-Functional Chemokine Receptor Modulators	\$822,734
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI108195	Immune responses to infection at the maternal-fetal interface	\$57,530
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI098985	HSV-1 LAT MIRNAS: NEUROVIRULENCE, REACTIVATION, MECHANISM	\$420,596
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI079705	Rab7 and estrogen-ER as B cell-intrinsic mediators of auto/antibody responses	\$355,955
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Amazonian Center of Excellence in Malaria Research	\$1,569,556
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$291,400
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$343,961
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$332,722
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$458,250
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$352,655
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$144,347
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$350,060
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$352,465
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$386,949

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2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$582,770
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$359,444
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$393,648
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$468,401
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of Developmental Regulation in Chlamydia	\$350,760
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$472,591
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$371,054
2013	STANFORD UNIVERSITY	CA	U19AI104209	Integrated Genomic and Functional Studies of Tolerance Therapy for Peanut Allerg	\$1,689,045
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$445,325
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$541,453
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI067890	HVEM-BTLA system in Inflammation	\$473,525
2013	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$263,872
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$537,865
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI076246	HOST INTERACTIONS OF SALMONELLA TYPHIMURIUM	\$477,755
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI087528	A natural host model for microsporidia pathogenesis in the intestine	\$359,444
2013	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$351,935
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$1,430,463
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081881	CARTILAGE INNATE IMMUNITY IN OSTEOARTHRITIS	\$323,375
2013	UNIVERSITY OF CALIFORNIA	CA	T32AI074550	TRAINING PROGRAM IN THE BIOLOGY OF DISEASE VECTORS	\$187,129
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI081161	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NOVEL MYCOBACTERIAL HEME UPTAKE	\$309,794
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077644	Chemical Strategies to Manipulate A1-2 Signaling in Bacterial Pathogens	\$441,802
2013	MAPP BIOPHARMACEUTICAL INC	CA	R44AI072915	A MONOCLONAL ANTIBODY IMMUNOPROTECTANT FOR EBOLA VIRUS	\$980,000
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	\$363,782

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2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089498	Analysis of immunotherapeutics to native Marburg virus epitopes	\$630,395
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$562,436
2013	UNIVERSITY OF CALIFORNIA	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$124,200
2013	J DAVID GLADSTONE INSTITUTES	CA	R01AI081651	Role of Tat and SIRT1 in the T-cell Hyperactivation Syndrome Induced by HIV-1	\$444,362
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI087164	Gene expression biomarkers of immune recovery in HIV infected patients	\$329,432
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI088679	Tuberculosis epidemiology and novel transmission routes in rural Tanzania	\$563,386
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI104766	Identifying the Human Targets of Secreted M. tuberculosis Effectors by Proteomics	\$181,332
2013	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$185,043
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reptroire Characterization in Celiac Disease	\$292,327
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI090656	BROADLY REACTIVE ANTIBODIES AGAINST CHIMERIC VIRUS-HOST ANTIGENS	\$447,247
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	\$5,568,822
2013	SCRIPPS RESEARCH INSTITUTE	CA	R33AI079782	ANTI-HIV MICROBICIDAL PEPTIDES	\$485,860
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	\$326,768
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	\$351,852
2013	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$427,700
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$465,300
2013	PLANET BIOTECHNOLOGY INC	CA	R01AI098844	Final preclinical development of an immunoadhesin therapy for inhalation anthrax	\$715,128
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$147,131
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$481,766
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$528,981
2013	AMPLYX PHARMACEUTICALS INC	CA	R43AI098636	DESIGNING HIV PROTEASE INHIBITORS WITH LOWER DOSING REQUIREMENTS AND LOWER TOXICI	\$284,518
2013	IMMPORT THERAPEUTICS INC	CA	R43AI102288	INTEGRATED MICROFLUIDIC PLATFORM FOR POINT-OF-CARE SERODIAGNOSTICS	\$300,000

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101539	TRISPECIFIC MONOCLONAL ANTIBODY FOR BOTULINUM NEUROTOXIN INTOXICATION THERAPY	\$201,009
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$445,325
2013	RETROVIROX INC	CA	R43AI100778	INHIBITORS OF HIV-INDUCED DOWNREGULATION OF HLA CLASS I	\$210,169
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	\$445,325
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$357,200
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI096000	ROLE OF POLYCOMB-MEDIATED EPIGENETIC REGULATION IN DIFFUSE LARGE B CELL LYMPHOMA	\$189,500
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$423,056
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology & Pathogenesis Program Training Grant	\$273,719
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI104262	EXPLORING THE ROLE OF SEMEN AMYLOIDS IN PROMOTING HIV INFECTION AND FERTILIZATION	\$132,705
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI095135	"DONOR-SPECIFIC REGULATORY T CELL THERAPY IN LIVER TRANSPLANTATION"	\$57,242
2013	J DAVID GLADSTONE INSTITUTES	CA	F32AI104380	The Role of Transcriptional Noise in the Establishment of HIV-1 Latency	\$49,214
2013	PROTEUS DIGITAL HEALTH INC	CA	R43AI100479	Wirelessly Observed Therapy to Monitor Treatment of Mycobacterium Tuberculosis	\$300,000
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$418,901
2013	INSTITUTE FOR RARE & NEGLECTED DISEASES DRUG DISCOVERY	CA	R01AI103476	Development of HTS assay and screening paradigm to discover new kinase inhibitors	\$276,901
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R00AI093679	THE MECHANISMS OF IFITM-MEDIATED RESTRICTION	\$239,996
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI102918	The Burden of Chikungunya and Dengue Transmission, Infection and Disease in Kenya	\$688,670
2013	NURIX INC	CA	R43AI106064	SMALL MOLECULE INHIBITORS OF ZAP-70 FOR THE TREATMENT OF AUTOIMMUNE DISORDERS	\$300,000
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$572,959
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI103340	Stromal catalase deficiency as the causative factor in accelerated thymic atrophy	\$444,150
2013	STANFORD UNIVERSITY	CA	R21AI104230	Functional Roles of NKp46 in Transplantation	\$221,931
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095587	Host-Pathogen interactions between Salmonella and Toll-like receptors	\$361,085
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI106556	HIV VACCINES TARGETING GLYCAN EPITOPES: IMPROVEMENT OF A VACCINE TESTED IN IDUS	\$557,535

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2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$640,723
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI107779	Chromosome 17q, allergic inflammation, and remodeling	\$364,250
2013	STANFORD UNIVERSITY	CA	F32AI108211	Identification of serine hydrolases involved in Plasmodium host cell invasion	\$49,214
2013	UNIVERSITY OF CALIFORNIA	CA	R56AI103687	ENGINEERING THE IMMUNE RESPONSE FOR IMPROVED RESOLUTION OF STAPHYLOCOCCUS INFECTION	\$370,909
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103385	HIV INFECTION OF HEMATOPOIETIC STEM/PROGENITOR CELLS (HSPC) IN BONE MARROW	\$434,280
2013	TUNITAS THERAPEUTICS INC	CA	R44AI092914	A Human Fc Bifunctional Fusion Protein to Treat Severe Allergic Asthma	\$1,000,000
2013	ADVANCED GENETIC SYSTEMS INC	CA	R43AI106418	VIROLOGY STUDIES OF A SMALL MOLECULE HIV REV INHIBITOR	\$279,588
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	K22AI095369	Crystal structures and mechanism of disease of the astrovirus capsid protein	\$157,552
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R03AI103579	Role of T Cell Fine-Tuning Molecules in Systemic Autoimmunity	\$77,000
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R56AI101420	ROLE OF PERIPHERAL DENDRITIC CELLS IN CENTRAL AND ORAL TOLERANCE	\$331,350
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$378,237
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$462,482
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$374,790
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$528,777
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$258,453
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI053331	T cell regulation by N-glycosylation	\$346,992
2013	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$411,906
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$550,570
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Women's HIV Study	\$3,351,359
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$363,075
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$124,958
2013	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$477,659
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$357,200

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2013	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$2,606,671
2013	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$335,515
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$0
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$419,240
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$288,506
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$364,250
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$358,281
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$718,361
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$427,230
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$458,817
2013	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$390,100
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$3,083,697
2013	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	Role of nuclear factor TOX in lymphocyte development	\$383,873
2013	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$162,053
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087746	Cyclophilins, Cyclophilin Inhibitors and Hepatitis C	\$441,802
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048034	Regulation of NF-Kappa B	\$672,082
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	\$296,842
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI076558	ORALLY ACTIVE NUCLEOSIDE PHOSPHONATES FOR HEPATITIS C VIRUS	\$499,920
2013	STANFORD UNIVERSITY	CA	K08AI080945	PROTEOMIC ANALYSES OF PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS	\$130,761
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,920
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	Immune Regulation of Viral Persistence and Clearance	\$379,140
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073737	B CELLS IN CNS AUTOIMMUNITY	\$354,513
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI082266	HUMAN AUTOIMMUNITY AND GENETIC DEFECTS IN N-GLYCOSYLATION	\$347,295
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087634	The Role of miR-17~92 in Autoimmune Diseases	\$397,622
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI085042	Maternal and fetal immune responses to in utero HSC transplantation	\$71,105
2013	STANFORD UNIVERSITY	CA	K01AI084582	IMPROVING THE PUBLIC HEALTH IMPACT OF HIV TESTING IN HIGHLY ENDEMIC REGIONS	\$130,519

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2013	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	\$407,297
2013	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$379,317
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$1,076,707
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$683,272
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$414,188
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	\$435,082
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095511	HT SCREENS FOR THE DISRUPTION OF THE T CELL RECEPTOR CD3 INTERFACE	\$520,179
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI100229	HYBRID INTEGRATED MOLECULAR ANALYSIS (HIMAS) FOR POINT-OF-CARE DIAGNOSTICS	\$190,610
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$87,420
2013	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$664,029
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI085028	MICROBIOME ANALYSIS OF HUMAN ORAL BACTERIOPHAGE COMMUNITIES	\$132,786
2013	STANFORD UNIVERSITY	CA	R21AI102260	INHIBITING CELLULAR AUTOPHAGY TO THWART DENGUE VIRUS PACKAGING AND REPLICATION	\$191,550
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$2,388,013
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI097835	C3 TUMOR ASSOCIATED CARBOHYDRATE ANTIGEN BIOCONJUGATES	\$236,875
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$3,192,904
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI098836	DISCOVERY AND DEVELOPMENT OF BIOFILM INHIBITORS THAT TARGET C-DI-GMP SIGNALING	\$184,057
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R33AI079775	Iron Starvation: A novel strategy for HIV and Chlamydia microbicides	\$391,078
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$722,183
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	\$456,021
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	\$583,894
2013	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$1,020,814
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$525,546

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2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI101983	CHARACTERIZATION OF TWIXT: A NOVEL MEMBRANE ADAPTOR PROTEIN IN B CELLS	\$229,125
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI102715	The impact of antibody and pH on female-to-male SIV infection	\$641,194
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$385,000
2013	AMPLYX PHARMACEUTICALS INC	CA	R43AI098300	A STRUCTURAL APPROACH FOR TREATING DRUG RESISTANT FUNGAL PATHOGENS	\$300,000
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069401	UCLA Los Angeles Brazil AIDS Consortium	\$2,744,657
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI102771	HIV-INDUCED IMMUNE ACTIVATION IMPAIRS IMMUNE RECONSTITUTION THROUGH S1P	\$160,746
2013	EPITOGENESIS, INC.	CA	R41AI096706	A novel vaccine against vaginal Chlamydia trachomatis	\$300,000
2013	CEDARS-SINAI MEDICAL CENTER	CA	R03AI097748	POTENTIAL ROLE OF IL-1B THERAPIES FOR TREATMENT OF VASCULITIS OF KAWASAKI DISEASE	\$83,500
2013	COLLABORATIVE DRUG DISCOVERY INC	CA	R42AI088893	IDENTIFICATION OF NOVEL THERAPEUTICS FOR TUBERCULOSIS COMBINING CHEMINFORMATICS,	\$517,573
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI099728	PAD2: AN ARGININE DEIMINASE THAT REGULATES ARTHRITIS	\$222,663
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R00AI089935	FUNCTION OF MICRORNAS IN CONTROLLING REGULATORY T CELL BIOLOGY	\$243,897
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096852	Metabolic Regulation of T cell Immunity	\$364,250
2013	J DAVID GLADSTONE INSTITUTES	CA	R21AI102782	HIV-INDUCED CD4 T-CELL DEPLETION: AN INNATE HOST DEFENSE GONE AWRY	\$176,438
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI107393	Adherent Invasive E. coli and colitis	\$217,140
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094333	HOST-SPECIFIC CELL SURFACE RECEPTORS ON AFRICAN TRYPANOSOMES	\$192,500
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI098488	Modeling Inflammation in HIV Transmission	\$984,098
2013	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$369,150
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI096084	FUNCTIONAL EVOLUTION OF CHROMOSOMAL INVERSIONS IN ANOPHELES ARABIENSIS	\$192,292
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101561	GP130 SIGNALING DURING CHRONIC VIRUS INFECTION	\$182,125
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI104247	Regulation of Listeria virulence gene expression by glutathione and hydrogen sulf	\$52,190
2013	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R33AI094508	Thermostable vaginal probiotic microbicide	\$519,786
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI108276	Predicting Risk of Human Leptospiros by Environmental Surveillance	\$686,897

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2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI106230	PKCtheta-CD28 interaction: A novel drug target for autoimmunity and inflammation	\$50,114
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI098492	Mode of Action of a Fragment of hnRNPU in Blocking HIV-1 mRNA Export	\$52,190
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107101	The role of Apobec3 enzymes in regulation of marginal zone B cells	\$221,370
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI102791	High throughput measurement of envelope gene diversity for an HIV incidence assay	\$1
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI103646	The role of SOCS1 repression by miR-155 in regulating immune responsiveness	\$193,750
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI099519	NEW MOUSE MODELS OF PANETH CELL DEFENSIN FUNCTION	\$192,136
2013	CELLERANT THERAPEUTICS INC	CA	R41AI108016	NOVEL INDICATION FOR MYELOID PROGENITOR USE: INDUCTION OF TOLERANCE	\$200,787
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI105561	High throughput proteomics to dissect Chlamydia-host cell interactions	\$221,605
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	F31AI108266	The role of insect sweet taste receptors in detecting sweet and bitter compounds	\$37,458
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099699	Host Genetic Factors to Combat Lassa Hemorrhagic Fever	\$445,325
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI103021	Control of Airway Tolerance	\$415,950
2013	STANFORD UNIVERSITY	CA	R21AI102792	Virologic Failure of boosted Proteases	\$221,370
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI107010	Cellular and Molecular Regulation of CD8+ T cell memory	\$415,950
2013	ARISAN THERAPEUTICS INC	CA	R43AI106266	OPTIMIZATION OF NOVEL INFLUENZA M2 CHANNEL INHIBITORS	\$300,000
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI103656	In vivo mouse models for inducible hematopoietic- and hematopoietic stem cell-spe	\$206,368
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103299	Bartonella: dissecting niche-specific adaptation in a human pathogen	\$445,210
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101577	The Pox Virion Molecular Interactome	\$217,258
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI103692	Molecular interactions between soluble host factors and a gene delivery vector	\$267,195
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$112,546
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$363,075
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Contribution of rigid matrix to allergic eosinophilic esophagitis pathogenesis	\$364,250
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$364,250
2013	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$147,224
2013	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$365,489

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2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$353,547
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$451,672
2013	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$294,814
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$385,939
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$323,500
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$529,358
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI056388	AUTOIMMUNITY CENTER OF EXCELLENCE	\$471,648
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatistics TRAINING FOR AIDS RESEARCH	\$256,251
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$359,021
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,356,905
2013	J DAVID GLADSTONE INSTITUTES	CA	P01AI083050	EXPLORING HIV-HOST INTERACTIONS IN THE FEMALE REPRODUCTIVE TRACT	\$1,690,035
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$221,244
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U19AI083025	HOST-PATHOGEN COMPETITION IN IFN MEDIATED ANTIVIRAL DEFENSE	\$1,820,077
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078806	THE ROLE OF CD4 IN MACROPHAGE DIFFERENTIATION AND FUNCTION	\$354,699
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$654,538
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$346,108
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI078272	MECHANISMS OF PROTEIN UBIQUITINATION IN REGULATING AIRWAY INFLAMMATION	\$379,344
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080671	INVESTIGATIONS TARGETING SYMPTOMATIC RELIEF TO BOTULINUM NEUROTOXIN A INTOXICATIO	\$418,314
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083358	Skin Microbiome in epidermal immune defense	\$359,444
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$345,421
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI081727	Regulation of ESX-1 secretion and its role in M. tuberculosis virulence	\$403,731
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI080931	Chemical Studies in Bacterial Cell Biology	\$395,315
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Primary Immune Deficiency Treatment Consortium Annual Scientific Meeting	\$20,000
2013	SOMAGENICS, INC	CA	R44AI074256	CHEMICAL STABILIZATION OF SHRNAs AND THEIR DEVELOPMENT AS HEPATITIS C DRUGS	\$783,579

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2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$364,250
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095038	Multifunctional Human Anti-HIV Antibodies	\$445,325
2013	DETON CORP	CA	R43AI102418	Cough collection as a replacement for sputum samples for diagnosing Tuberculosis	\$296,721
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI085077	Understanding the Role of Nucleosome Turnover in the Malaria Parasite	\$362,484
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI097061	Analysis of HIV/HCV Sexual Transmission Pairs Using Ultra-Deep Sequencing	\$193,750
2013	STANFORD UNIVERSITY	CA	R01AI089722	Innate Immune Recognition of Intracellular Salmonella	\$376,659
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZCHS CTU	\$7,571,330
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$887,467
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI095319	Surveillance of Serum Contents by Mast Cells and Regulation of Allergic Immunity	\$127,440
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI100236	INFORMATIVE IMMUNODIAGNOSTICS FOR LYME DISEASE	\$192,448
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,601,045
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI103772	Inflammation, Insulin Resistance, and Foxo factors	\$222,758
2013	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$427,700
2013	REMPEX PHARMACEUTICALS INC	CA	R21AI098689	MOLECULAR ARCHAEOLOGY: VINTAGE BETA LACTAMS FOR RESISTANT GRAM NEGATIVE INFECTION	\$191,798
2013	VENTRIA BIOSCIENCE	CA	R44AI092916	ROBUST, DEFINED, ANIMAL-FREE CELL CULTURE MEDIUM FOR THE PRODUCTION OF VACCINES	\$826,938
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI102491	Host-pathogen Interactions during Vertical Transmission of Listeria monocytogenes	\$52,190
2013	IMPORT THERAPEUTICS INC	CA	R44AI066791	Protective biomarkers for the development of vaccines against malaria	\$780,873
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	\$130,960
2013	UNIVERSITY OF CALIFORNIA	CA	F31AI100589	Endogenous insulin-like peptides and control of malaria infection in the mosquito	\$35,700
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$346,664
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI102567	Identification of the genetic basis of primaquine resistance in malaria parasites	\$49,214
2013	STANFORD UNIVERSITY	CA	U01AI101984	Tissue Cytokine Sequestration and Immune Regulation in Autoimmunity	\$282,953
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI102780	Role of host-microbe dysbiosis in enteropathy associated with SIV infection	\$231,000

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2013	SIXAL INC	CA	R43AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$200,000
2013	STANFORD UNIVERSITY	CA	UM1AI069556	Stanford AIDS Clinical Trials Unit	\$729,462
2013	PROSETTA ANTIVIRAL INC	CA	R21AI101276	Advancement of Novel Small Molecules for Treatment of Rabies	\$110,995
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI099726	THYMIC DEVELOPMENT AND MHC RESTRICTION OF CD8AA TCRA B INTRAEPITHELIAL LYMPHOCYTES	\$204,450
2013	CLAREMONT BIOSOLUTIONS LLC	CA	R44AI078619	A fully integrated assay and platform for detecting Clostridium difficile.	\$1,000,000
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI101556	GYRASE B INHIBITORS FOR MYCOBACTERIUM TUBERCULOSIS	\$187,023
2013	STANFORD UNIVERSITY	CA	K23AI108358	Mechanisms and Clinical Factors Associated with ART associated Bone Loss in HIV	\$179,874
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI104320	Developing a structure-specific HIV vaccine using chimeric virus-like particles	\$236,875
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI101802	Molecular Epidemiology of Vivax Malaria in Ethiopia	\$209,070
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI103146	Analysis of basophil function in secondary immune responses	\$368,265
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$2,494,558
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI104283	A Micro-Co-Culture Assay for Single-Cell Analysis of HIV Latency	\$189,575
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI106597	Sustainable Synthesis of Enfuvirtide	\$202,100
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI108253	Ribosomal Hibernation facilitates antibiotic tolerance in Listeria monocytogenes.	\$52,190
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI106472	Impact of HIV infection on anti-tumor CD8 responses in vivo	\$180,950
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI101141	BIOSYNTHESIS OF ANTIFUNGAL LIPOPEPTIDES FROM FILAMENTOUS FUNGI	\$340,203
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI108035	7TH INTERNATIONAL LEUKOCYTE SIGNAL TRANSDUCTION CONFERENCE	\$3,000
2013	STANFORD UNIVERSITY	CA	R37AI051321	Structure, function and engineering of immune cytokine receptor signaling	\$344,839
2013	CEDARS-SINAI MEDICAL CENTER	CA	R01AI103542	Role of Blimp-1 in preventing chronic intestinal mucosal inflammation.	\$392,450
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R56AI108388	A T-independent pathway of B cell responses to oligomannosyl antigens of HIV-1	\$750,916
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI103952	Bacterial Immunosuppression: Host Target Identification Through Chemical Probes	\$222,663
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105939	Intervention of HBV DNA synthesis and transcription	\$218,550
2013	COLLABORATIVE DRUG DISCOVERY INC	CA	R41AI108003	Identification and Validation of Targets of Phenotypic High Throughput Screening	\$255,221

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104824	Mobile Health for Implementation of Home-based TB Contact Investigation in Uganda	\$719,424
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI102584	Vibrio cholerae c-diGMP signaling: motile to biofilm transition and transmission	\$428,277
2013	STANFORD UNIVERSITY	CA	R56AI103500	SUBVERSION OF AUTOPHAGY PATHWAY AND CONSTITUENTS BY RNA VIRUSES	\$466,306
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$6,507,700
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants.	\$722,230
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$364,250
2013	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$357,002
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$445,325
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$355,209
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$364,250
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$472,735
2013	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$373,541
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$302,248
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$347,930
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$357,118
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$352,049
2013	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$421,057
2013	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$386,199
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$470,416
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$361,035
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$355,942
2013	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$426,443
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$363,075
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$8,653,168
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$435,683
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$467,945

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2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$351,098
2013	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$529,451
2013	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$592,360
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081668	HIV-1 VPU AND BST-2/CD317	\$326,139
2013	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$125,040
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI080749	MACROPHAGE TRANSCRIPTIONAL RESPONSES TO LEGIONELLA PNEUMOPHILA	\$311,123
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$7,000
2013	STANFORD UNIVERSITY	CA	R01AI078947	CHEMICALLY MAPPING MALARIAL RUPTURE PROTEASES	\$370,332
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$304,801
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071084	PROBING THE ANTIBODY RESPONSE TO HCV TO FACILITATE RATIONAL IMMUNOGEN DESIGN	\$593,616
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	\$702,118
2013	STANFORD UNIVERSITY	CA	U19AI082719	Autoimmunity Center of Excellence (ACE) at Stanford	\$622,641
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI085568	LONG-LIVED B CELL IMMUNITY IN THE RESPIRATORY TRACT	\$352,371
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI089378	REFOCUSING THE IMMUNE RESPONSE TO THE HIV ENVELOPE GLYCOPROTEIN	\$669,619
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087470	C5a as an Anti-HIV Microbicidal Candidate	\$448,543
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$349,031
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI083663	Mucosal barrier function during Salmonella infection	\$377,058
2013	STANFORD UNIVERSITY	CA	R01AI085268	THE ROLE OF CARBOXYPEPTIDASE B AND ITS SUBSTRATES IN RHEUMATOID ARTHRITIS	\$375,366
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$441,802
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$353,595
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$359,444
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	P01AI090935	Global innate immune responses to HIV-1 infection	\$3,860,288
2013	STANFORD UNIVERSITY	CA	R37AI036929	Actin-Based Motility of a Bacterial Pathogen	\$288,229
2013	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	\$803,134
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI047868	Divergence of Phagocytic and Antimicrobial Programs in Leprosy	\$463,577

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2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhoea among young people: Implication for prevention	\$125,926
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI087674	Mechanisms of PVL-induced Acute Lung Injury	\$383,455
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI091476	Therapeutic use of an enhanced form of CD4-Ig	\$847,177
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	\$682,672
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$1,997,549
2013	EIGER GROUP INTERNATIONAL INC	CA	R42AI088793	ADVANCING CLEMIZOLE FOR HEPATITIS C: TOWARDS A PRE-IND PACKAGE--PHASE II	\$1,000,000
2013	DIACARTA LLC	CA	R43AI098330	FGF-P TO TREAT POST-IRRADIATION GI SYNDROME	\$296,893
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$380,700
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$383,225
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractants for Culex mosquitoes	\$361,618
2013	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	\$225,835
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$1,030,900
2013	ADAMAS PHARMACEUTICALS INC	CA	R21AI102188	Combinations of FDA-Approved Host-Targeted Drugs with Broad Antiviral Activity	\$128,625
2013	STANFORD UNIVERSITY	CA	F32AI098584	Asymptomatic Cryptococcal Antigenemia in HIV-Infected Patients in the United Stat	\$66,530
2013	CEDARS-SINAI MEDICAL CENTER	CA	R21AI103839	Bacterial Manipulation of Host Hyaluronan Degradation for Immune Evasion	\$196,225
2013	TRELLIS BIOSCIENCE LLC	CA	R44AI102396	Therapeutic Antibodies for CMV	\$1,000,000
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI100498	SUMO and ubiquitin modifications in Nipah virus matrix trafficking and function	\$53,942
2013	PLANET BIOTECHNOLOGY INC	CA	R34AI104506	Phase I clinical trial of an immunoadhesin antitoxin for anthrax	\$148,772
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI101875	Cell-based functional genetics of autoimmunity through targeted gene integration	\$253,950
2013	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fel d1 chimeric protein vaccine to treat cat allergy	\$1,000,000
2013	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$6,166,888
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105916	Inhibition of Treg function to cure persistent H. pylori infection	\$193,750
2013	CEDARS-SINAI MEDICAL CENTER	CA	R21AI097741	IMPACT OF ANTIBIOTICS AND PBP2A ON THE IMMUNOPATHOLOGY OF MRSA PNEUMONIA	\$232,650
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105106	Chemical Methods for Ferrous Iron Dependent Drug Delivery	\$347,091

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2013	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	\$746,900
2013	OLFACTOR LABORATORIES INC	CA	R43AI104077	PREVENTION OF MOSQUITO-BORNE ILLNESS THROUGH MANIPULATION OF THE CO2 RECEPTOR	\$180,636
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI101750	Acinetobacter virulence and host innunopathogenesis	\$176,337
2013	LIVERMORE INSTRUMENTS INC	CA	R43AI098335	REAL-TIME REAGENT-FREE NONINVASIVE DIAGNOSIS OF TUBERCULOSIS	\$295,965
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI100319	BIOLOGICAL CONSEQUENCES OF A LYMPHOMA -ASSOCIATED MUTATION IN EZH2 IN MICE	\$284,250
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI100953	The Functions of IFITM Proteins in Control of Influenza A Virus Infection	\$340,092
2013	STANFORD UNIVERSITY	CA	F32AI108089	Innate Immune Recognition and Type I IFN Response to Cytosolic Pathogens	\$49,214
2013	STANFORD UNIVERSITY	CA	F32AI104227	How Toxoplasma injects rhoptry proteins into the host cell	\$49,214
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI103685	Autoimmunity and age-related changes in thymic induction of self-tolerance.	\$274,300
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI099687	STRUCTURAL AND FUNCTIONAL ANALYSES OF TOXIN-ANTITOXIN PROTEIN COMPLEXES FROM BACT	\$172,738
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R56AI099295	MECHANISMS CONTROLLING FOXP3 EXPRESSION AND REGULATORY T CELL HOMEOSTASIS	\$455,900
2013	MOLECULAR EXPRESS, INC	CA	R43AI104073	Novel VLP Adjuvant based on the VesiVax system	\$299,999
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI107390	Exploring statins as a small molecule therapy for treatment of schistosomiasis	\$184,426
2013	STANFORD UNIVERSITY	CA	R01AI031168	ORIGINS OF DIVERSITY AT HUMAN CLASSICAL MHC CLASS I GENES	\$372,240
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$230,466
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$453,668
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$437,385
2013	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$368,488
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$417,349
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$363,075
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,848,996
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$193,058

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2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$361,900
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$566,339
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$436,464
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$267,869
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$335,708
2013	STANFORD UNIVERSITY	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$690,683
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$201,017
2013	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$342,160
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$369,116
2013	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$195,255
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$388,411
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$416,421
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$411,841
2013	SCRIPPS RESEARCH INSTITUTE	CA	U24AI082657	DISCOVERY AND ANALYSIS OF SYNTHETIC TLR AGONISTS AND ANTAGONISTS	\$612,337
2013	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,132,073
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$427,230
2013	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	Dealing with Antibiotic Resistance: Antisense Technology	\$397,987
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$600,092
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI081719	ACTIVATED TARGETED KILLER (ATAK) CELLS FOR INVASIVE FUNGAL INFECTIONS	\$331,268
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	\$410,898
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095125	The chemical and genetic basis of interspecies interactions	\$568,720
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$354,699
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$531,952
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$379,344

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2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$564,523
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,455,444
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$284,680
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	\$128,250
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI078248	Inherited Disorders of Lymphocyte Development	\$359,444
2013	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$599,626
2013	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$883,126
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$224,631
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$1,910,004
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI088790	Bay Area Hepatitis C Cooperative Research Center	\$671,045
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$525,146
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$343,843
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$183,243
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$4,128,866
2013	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	\$2,908,842
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI098070	NOVEL RHOPTRY EFFECTOR PROTEINS IN TOXOPLASMA HOST-PATHOGEN INTERACTION	\$192,500
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen processing in the secretory pathway	\$353,561
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$131,490
2013	ARIDIS PHARMACEUTICALS LLC	CA	R42AI072866	HUMAN MONOCLONAL ANTIBODY TO TREAT P. AERUGINOSA INFECTIONS IN CYSTIC FIBROSIS	\$999,998
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$230,024
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$380,700
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094666	MOBILE PHONE ADHERENCE & PREVENTION SUPPORT FOR PEOPLE LIVING WITH HIV IN INDIA	\$186,570
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI098973	ELECTROSTATIC FORCES AND M CELL UPTAKE AT MUCOSAL SURFACES	\$190,000
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI095034	Molecular Epidemiology and Geospatial Analysis of TB Transmission in Uganda	\$127,440
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$385,400

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2013	CEDARS-SINAI MEDICAL CENTER	CA	R21AI093941	ROLE OF LYMPHOID DCS IN HSV-1 LATENCY	\$232,650
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI099659	THE CANDIDA ALBICANS COMMENSAL PROGRAM	\$231,750
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$15,000
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$1,227,553
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$596,131
2013	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI100376	SCREENING FOR INHIBITORS OF TLR8 FOR TREATMENT OF RHEUMATOID ARTHRITIS	\$105,088
2013	CEDARS-SINAI MEDICAL CENTER	CA	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$392,450
2013	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R44AI068239	An Orally Delivered Booster Vaccine Candidate for Hepatitis B	\$911,830
2013	PAXVAX INC	CA	R43AI102787	REPLICATING AD4-HIV VACCINE DEVELOPMENT BASED ON IMPROVED HIV ENV AND GBV-C E2	\$287,214
2013	STANFORD UNIVERSITY	CA	R03AI108376	Decay rate of archived HIV-1 drug resistance mutations	\$78,500
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI099432	IgE-guided RNAi silencing of FceRIb expression as a novel allergy therapeutic	\$180,950
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI099656	SOLVING THE ELUSIVE MECHANISM OF RAPAMYCIN ACTION IN LYMPHOCYTES	\$217,199
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI102247	ARENAVIRUS SUBVERSION OF DENDRITIC CELLS	\$190,709
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI098799	MALTODEXTRIN BASED ANTIBIOTICS	\$190,894
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI104773	Human T Cell Immunology of Plasmodium Vivax Malaria	\$186,775
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097242	Development of High Throughput Assays for the Hepatitis C Virus NS2 Protease	\$325,710
2013	WAVE 80 BIOSCIENCES INC	CA	R43AI100426	QUANTITATION AND GENOTYPING OF HCV RNA BY TIME RESOLVED LANTHANIDE LUMINESCENCE	\$300,000
2013	STANFORD UNIVERSITY	CA	R56AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$369,035
2013	RAND CORPORATION	CA	R21AI103741	Implications of the 2004-2005 Influenza Vaccine Shortage	\$275,409
2013	STANFORD UNIVERSITY	CA	R56AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$729,327
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI105909	KSHV vaccine development	\$205,000
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI101751	IMMUNE SURVEILLANCE VIA NON-CLASSICAL MHC CLASS IB MOLECULES	\$180,363
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R24AI106039	Primary Infection Resource Consortium (PIRC)	\$1,430,884
2013	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R00AI101167	Characterization of Potassium Channels in the Human Parasite Trypanosoma Cruzi	\$246,566

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2013	UNIVERSITY OF CALIFORNIA	CA	R03AI107446	METHODS FOR MEASURING NATURAL DENGUE TRANSMISSION FROM HUMANS TO MOSQUITOES	\$63,000
2013	AMPLYX PHARMACEUTICALS INC	CA	R43AI106235	Developing a New Therapeutic for the Treatment of Invasive Aspergillosis	\$299,985
2013	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R13AI108190	INTERNATIONAL LEPTOSPIROSIS SOCIETY MEETING 2013	\$12,000
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI106416	Humoral response to viral and self-antigens in HIV infection	\$267,195
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI105813	Epigenetic downregulation of the antibody response and inhibition of autoimmunity	\$286,415
2013	MULTIMERIC BIOTHERAPEUTICS INC	CA	R43AI098246	Development of a multimeric CD40 ligand vaccine adjuvant	\$300,000
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099372	Mechanisms mediating HCMV genome maintenance during latency	\$160,094
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI104313	Novel Mechanisms for Coreceptor Switching	\$267,195
2013	MOLECULAR EXPRESS, INC	CA	R43AI108120	DEVELOPMENT OF VESIVAX CARBOHYDRATE CONJUGATION CHEMISTRY	\$294,301
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R56AI107936	A new approach to quantitative, point-of-care serology	\$342,759
2013	STANFORD UNIVERSITY	CA	U01AI104342	Biomarkers for Post-Transplant Lymphoproliferative Disorders in Children	\$1,363,549
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$599,646
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI092453	Specificity of CD8 cells in islets from type 1 diabetes patients	\$377,316
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$360,529
2013	UNIVERSITY AUXILIARY & RESEARCH SERVICES CORPORATION	CA	R15AI064175	MHC characterization in Chinese rhesus macaques	\$370,000
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$279,568
2013	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$587,618
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$362,934
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$354,699
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$358,281
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$408,900
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$627,358
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$347,809
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5' noncoding region functions	\$338,053
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$364,250

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$363,075
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$346,300
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$368,460
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$1,765,870
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Outside-in Mechanotransduced Inflammatory Targets	\$367,105
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca ²⁺ signaling in T cells	\$427,230
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$363,075
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$408,900
2013	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$526,729
2013	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$284,180
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$350,683
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$412,787
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$426,676
2013	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$525,299
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$224,709
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080715	BACTERIAL QUORUM SENSING AS TARGET FOR ANTI-INFECTIVE IMMUNOTHERAPY	\$437,385
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI076278	Innate immune response to bacterial flagellins	\$358,906
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI079192	INTRACELLULAR LIFESTYLE OF PSEUDOMONAS AERUGINOSA	\$353,547
2013	SCRIPPS RESEARCH INSTITUTE	CA	U01AI082190	SMALL MOLECULE THERAPEUTICS FOR BOTULLINUM NEUROTOXIN A	\$1,101,864
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$638,971
2013	STANFORD UNIVERSITY	CA	R01AI073724	MICRORNAS AS T CELL SENSITIVITY RHEOSTATS	\$373,546
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080778	PATHOGENESIS OF LUPUS DERMATITIS	\$493,485
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$514,796
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI085583	POLYPEPTIDE DESIGN WITH PROTEOMIC SCOPE VIA MICROFLUIDIC MRNA DISPLAY	\$459,700
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI078183	An.gambiae immune signaling gene SNPs and natural P. falciparum infection	\$635,592
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$620,627

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2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$364,250
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI082263	AN ENGINEERED MENINGOCOCCAL OMV VACCINE FOR AFRICA AGAINST ALL CAPSULAR GROUPS	\$442,030
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081982	STRUCTURE DRIVEN ANALYSIS OF EBOLA VIRUS RECEPTOR BINDING SITE	\$388,561
2013	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI076899	Rapid detection of diagnostic chemokines	\$335,848
2013	UNIVERSITY OF CALIFORNIA	CA	R33AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$378,968
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083113	HCV resolution correlates with patterned KIR expressions on lymphocytes.	\$384,240
2013	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$409,024
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$363,075
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	\$326,650
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI094169	TITLE: ROLE OF HEPARAN SULFATE IN B-CELL RESPONSES	\$164,966
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$922,225
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104589	TB Surrogate Markers for Assessing Reponse to Treatment (TB SMART Study)	\$1,543,781
2013	LAWRENCE LIVERMORE NATIONAL LABORATORY	CA	R01AI093500	MULTIPLEXED DIAGNOSTIC AND CYTOKINE RESPONSE ASSAYS UTILIZING THE NCOUNTER PLATFO	\$291,764
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093640	Molecular dissection of Histoplasma-induced host-cell death	\$355,054
2013	STANFORD UNIVERSITY	CA	K23AI104401	Improving Kidney Transplant Outcomes Using Novel B-cell Immune Profiling	\$131,728
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$494,214
2013	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI096641	DEVELOPMENT OF TLR8 INHIBITORS FOR TREATMENT OF AUTOIMMUNE DISEASES	\$299,508
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$356,600
2013	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	\$357,340
2013	TUNITAS THERAPEUTICS INC	CA	R42AI085987	THERAPEUTIC PEANUT ALLERGEN FC GAMMA CHIMERIC PROTEINS TO TREAT PEANUT ALLERGY	\$831,128
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI095062	Do peptide mimetics of gp41 improve antibody-epitope interactions?	\$53,942

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2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$353,995
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI093768	Determining the Impact of SREBP on Adaptive Immunity	\$361,900
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101714	A NOVEL PROTEOMIC APPROACH TO TB BIOMARKER DISCOVERY USING HUMAN EXOSOMES	\$206,730
2013	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$446,440
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI093140	CONDITIONAL RNAI STRATEGY RESPONSIVE TO HIV PROTEINS	\$192,500
2013	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI099747	HOST IRON AVAILABILITY IN THE PATHOGENESIS OF ENTEROPATHOGENIC YERSINIA	\$183,660
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$277,961
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus knockout and tag resource	\$623,309
2013	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI097657	EARLY AGR ACTIVATION IS A KEY PATHOGENIC SIGNATURE IN PERSISTENT MRSA BACTEREMIA	\$206,561
2013	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$297,832
2013	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	\$1,225,116
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$361,900
2013	TOURO UNIVERSITY	CA	R03AI099584	ADAPTATION OF A NOVEL RNA VIRUS FOR VACCINE USE	\$72,350
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103440	A molecular basis for control of T cell memory	\$437,102
2013	CYTODESIGN INC	CA	R43AI104256	HUMAN PROTEOLYTIC FOR IgA NEPHROPATHY	\$299,749
2013	THE UNIVERSITY CORPORATION	CA	SC2AI109500	Engineering isobutylamine N-hydroxylase for applications in antibiotic biosynthes	\$145,000
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic Consequences of Highly Effective Antimalarial Chemoprevention	\$131,490
2013	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI105185	Evolutionary and Functional Significance of Novel Mutations in MDR-XDR TB	\$619,723
2013	MOLECULAR EXPRESS, INC	CA	R43AI094891	TARGETED DENDRITIC CELL ACTIVATION THROUGH MULTI-ADJUVANT LIPOSOMES	\$300,000
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI103248	Nitrate respiration by Salmonella during gut inflammation	\$89,015
2013	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI100744	Ex Vivo Model for Assessing the Vaginal Disposition of PrEP Antiretrovirals	\$440,979
2013	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	\$297,981

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI106479	IMPACT OF CCR5 BLOCKADE IN HIV+ KIDNEY TRANSPLANT RECIPIENTS	\$253,259
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI103058	Defining the targets of broad intervention antimalarial agents	\$648,140
2013	STANFORD UNIVERSITY	CA	R01AI097320	Pre-Clinical Development of Nuclease Mediated Gene Therapy for SCID	\$365,731
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI096042	Regulation of Th17 cells by the Fyn Tyrosine Kinase	\$224,928
2013	ARADIGM CORPORATION	CA	R43AI106188	IN VITRO AND IN VIVO EFFICACY OF LIPOSOMAL CIPROFLOXACIN FORMULATIONS AGAINST MYC	\$277,768
2013	STANFORD UNIVERSITY	CA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$87,124
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103182	Trichomonas vaginalis exosomes: Mediators of host:pathogen interactions	\$557,548
2013	SCRIPPS RESEARCH INSTITUTE	CA	R56AI106005	Dissecting virus neutralizing determinants to guide HCV vaccine development	\$792,744
2013	UNITAQ BIO INC	CA	R43AI106421	DETECTION OF HIV DRUG RESISTANCE MUTATIONS USING HIGHLY MULTIPLEXED QPCR ASSAYS	\$207,739
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI105776	Newborn Screening for T-Cell Disorders: Spectrum and Outcomes	\$515,776
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI104347	Polyclonal Tregs to Promote Tolerance in Pediatric Liver Transplant Recipients	\$1,041,984
2013	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$372,240
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$359,444
2013	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$342,702
2013	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI014032	Pathogenesis and Treatment of Experimental Peritonitis	\$335,016
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI043274	INTESTINAL CYTOKINE AND T CELL HOMEOSTASIS IN SIV INFECTION	\$634,247
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$284,333
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$427,230
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$355,695
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,237,269
2013	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$451,200
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$670,576
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$345,952

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$369,342
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$680,070
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$445,325
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$416,631
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$281,817
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$462,751
2013	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$3,530,196
2013	STANFORD UNIVERSITY	CA	R01AI087917	HCV NS4B: Translating molecular virology into novel antiviral therapies	\$372,581
2013	STANFORD UNIVERSITY	CA	R01AI083628	DEAF1 ISOFORMS CONTROL CHANGES IN PTA EXPRESSION IN THE NOD PLN DURING T1D PATHOG	\$372,735
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI084544	EARLY MORTALITY IN HIV INFECTED PATIENTS STARTING ANTIRETROVIRAL THERAPY IN AFRIC	\$123,710
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI081037	ROLE OF H. PYLORI OUTER MEMBRANE PROTEINS IN COLONIZATION AND HOST RESPONSE	\$185,598
2013	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$410,435
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	\$316,005
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077661	INTESTINAL PHYSIOLOGY IN THE HOST RESPONSE TO ENTERIC SALMONELLA INFECTIONS	\$469,260
2013	UNIVERSITY OF CALIFORNIA	CA	R01AI080799	SYSTEMS BIOLOGY APPROACH TO MAPK REGULATION OF MALARIA INFECTION IN A. STEPHENSI	\$601,828
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$328,296
2013	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$455,393
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI091967	Virulence Mechanisms of Viral Bcl-2 Homologs	\$458,250
2013	GENEFLUIDICS INC	CA	R44AI088756	An Integrated Diagnostic System for Rapid Antimicrobial Susceptibility Testing	\$989,486
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI080938	OX40/OX40L interactions in allergen-induced airway inflammation and remodeling	\$132,300

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2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	Hair Extensions: Using Hair Levels to Interpret Adherence, Effectiveness and Pharmacokinetics with Real-World Oral PrEP, the Vaginal Ring, and Injectables	\$265,282
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$363,075
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$98,096
2013	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$133,191
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$107,126
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$363,075
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$1,105,516
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI092129	Trapping membrane proteins with adjuvant-carrying amphipols for vaccine formulati	\$318,146
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI085607	DETERMINANTS OF PROTECTION AND ENHANCEMENT OF DENGUE INFECTION/DISEASE IN VIVO	\$350,824
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$1,854,676
2013	UNIVERSITY OF CALIFORNIA	CA	R21AI097107	CYTOSOLIC SENSING OF INTRACELLULAR BRUCELLA INFECTION	\$192,135
2013	SCRIPPS RESEARCH INSTITUTE	CA	R33AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$534,174
2013	STANFORD UNIVERSITY	CA	R21AI102277	DEVELOPMENT OF GENETIC TOOLS IN ENTAMOEBIA HISTOLYTICA	\$184,475
2013	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	\$133,191
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R03AI101749	RECONSTITUTION OF PLASMODIUM EXPORT IN TOXOPLASMA	\$73,153
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$326,650
2013	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI100685	Targeting HIV Capsid Assembly	\$465,300
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$385,400
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI091656	Structural and functional studies of M. tuberculosis type VII secretion	\$129,060
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$422,544
2013	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI104282	Synthetic Molecular Sensors to Target Latently Infected Cells for HIV Eradication	\$7,190
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI095990	TYK2 INHIBITORS FOR TREATMENT OF SEPSIS	\$261,781
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$360,725

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2013	STANFORD UNIVERSITY	CA	K08AI097322	Antivirals for Hepatitis C Targeting Phosphoinositide Metabolism	\$133,191
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI105722	The IRF - type I interferon system in T cell-mediated immune tolerance	\$183,230
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089854	Functional Analysis of MicroRNAs in Lymphocyte Development and Immune Tolerance	\$291,332
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI094750	Trypanosome surface protein targeting and function at the host-parasite interface	\$53,942
2013	MOLECULAR EXPRESS, INC	CA	R43AI094770	FORMULATION OF TLR 3, 7, AND 8 AGONISTS IN CONJUGATABLE ADJUVANT LIPID VESICLES	\$194,073
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$354,212
2013	AVIDBIOTICS CORPORATION	CA	R43AI098186	TARGETABLE BACTERICIDAL PROTEINS TO SPECIFICALLY KILL CLOSTRIDIUM DIFFICILE BACTE	\$300,000
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092076	Exploration of Chitinase Inhibitors for Human Health	\$284,250
2013	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI098658	COMBINATION THERAPY USING AN INNOVATIVE BIOADHESIVE POLYMERIC TRANSMUCOSAL DELIVE	\$223,559
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI102766	High-resolution definition of B cell responses to HIV Env for immunogen design	\$628,712
2013	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI101423	The role of TRAIL in immune control of cytomegalovirus	\$120,949
2013	RETROVIROX INC	CA	R43AI104084	Novel Screen to Identify Arenavirus Inhibitors	\$299,739
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R03AI098594	NUCLEAR EXPORT OF THE HIV GENOME: A MOLECULAR DYNAMICS STUDY OF THE INTERACTIONS	\$76,750
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI104579	Generation of therapeutic antibodies to serotype F botulism	\$1,200,000
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI108272	Oxidized HDL in the intersection of HIV, immune activation and atherosclerosis	\$178,416
2013	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI103817	Distinguishing cytosolic sensing of DNA and cyclic dinucleotides in vivo	\$195,104
2013	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101687	SYNTHETIC FABS FOR CRYSTALLIZATION OF CHEMOKINE:RECEPTOR COMPLEXES	\$182,125
2013	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042266	Structural basis of TLR and NLR recognition and signaling	\$568,398
2013	SCRIPPS RESEARCH INSTITUTE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$1,531,681
2013	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI107803	Role of cooperative interactions of HSV multifunctional protein ICP27	\$316,842
2013	PHOENIX BIOSYSTEM	CA	R43AI108422	RAPID AND SENSITIVE IDENTIFICATION OF HIV ANTIGEN AT THE POINT OF USE	\$196,248

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2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101189	Pre-Exposure Prophylaxis Against Francisella tularensis	\$546,688
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI098304	FOLLICULAR DENDRITIC CELLS AND B CELL TOLERANCE	\$243,750
2013	SCRIPPS RESEARCH INSTITUTE	CA	R21AI107506	Role of EPCR in gamma delta T cell wound healing functions	\$267,195
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cell entry and transcription activation of non-enveloped dsRNA viruses	\$320,902
2013	SCRIPPS RESEARCH INSTITUTE	CA	R56AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$513,805
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI106923	THE ROLE OF MICRORNAS IN AUTOIMMUNE DISEASE	\$369,146
2013	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R21AI103439	Thrombomodulin Receptors on Immune Cells	\$165,675
2013	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI108516	HIV, HCV, and gender effects on Liver, Bone, and Vascular Health	\$133,881
2013	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI108400	The roles of phosphatidylserine and its receptors in HIV replication	\$325,710
2013	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI103960	HCMV Vaccine produced from BAC-MVA that Blocks Epithelial and Fibroblast Entry	\$614,609
2013	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$2,287,238
2013	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	P01AI100148	Development Structure and Function of Broadly Neutralizing anti-HIV Antibodies	\$2,123,313
2013	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$453,668
2013	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$396,707
2013	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$407,809
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI092108	iNKT Cell Recognition of Endogenous Lipid Antigens	\$346,087
2013	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	\$634,144
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI098421	CHROMATIN DIMINUTION IN ASCARIS	\$192,865
2013	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$130,940
2013	COLORADO STATE UNIVERSITY	CO	R21AI099534	Novel preclinical efficacy models against nontuberculosis mycobacteria	\$185,751
2013	COLORADO STATE UNIVERSITY	CO	R03AI095918	Transcriptional analysis of the guinea pig model of tuberculosis	\$76,292
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104337	IMMUNE ACTIVATION IN HIV INFECTION	\$18,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	COLORADO STATE UNIVERSITY	CO	R21AI094338	Mycobacterium Tuberculosis Lipoarabinomannan In Vivo	\$185,771
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI096966	Mechanisms Underlying Persistent Lentivirus Replication in Follicular T Cells	\$699,086
2013	NATIONAL JEWISH HEALTH	CO	R21AI105523	Human B Cell Development and Function in Humanized Mice Expressing Human BAFF	\$198,125
2013	UNIVERSITY OF COLORADO DENVER	CO	R56AI103023	THE ROLE OF THE LUNG IN THE INITIATION OF RHEUMATOID ARTHRITIS	\$398,000
2013	MBIO DIAGNOSTICS INC	CO	R44AI093289	Point-of-Care HIV Antigen/Antibody Diagnostic Device	\$682,399
2013	NATIONAL JEWISH HEALTH	CO	R21AI103782	Non-canonical responses to IFNab in the suppression of macrophage immunity	\$237,750
2013	UNIVERSITY OF COLORADO DENVER	CO	K23AI104315	Quantifying Drug Adherence and Drug Exposure to Antiretroviral Therapy	\$179,350
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$362,879
2013	UNIVERSITY OF COLORADO DENVER	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$511,494
2013	NATIONAL JEWISH HEALTH	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$417,654
2013	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$385,155
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$284,764
2013	UNIVERSITY OF COLORADO DENVER	CO	K24AI083742	MIDCAREER INVESTIGATOR AWARD IN PATIENT-ORIENTED RESEARCH (K24)	\$191,392
2013	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$176,736
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infection	\$283,716
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F32AI094766	Role of Host Lipids in Salmonella Replication Within Hemophagocytic Macrophages	\$53,942
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI099593	HOST PATHWAYS THAT ENABLE /SALMONELLA/ REPLICATION WITHIN HEMOPHAGOCYTIC MACROPHAGE	\$190,625
2013	BOLDER BIOTECHNOLOGY, INC	CO	R44AI084288	Long-Acting G-CSF Analog for Treating ARS	\$1,000,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI102504	TYPE 2 IMMUNITY: INITIATION, MAINTENANCE, HOMEOSTASIS AND PATHOLOGY	\$8,000
2013	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$509,539
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI101205	Virtual Memory T Cell Development and Responses In Vivo	\$355,956
2013	NATIONAL JEWISH HEALTH	CO	R21AI095765	INHALATION TOLERANCE, IGE AND GAMMA/DELTA T CELLS	\$198,125
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI097097	MODIFIED DNA APTAMERS AND DNAZYMES FOR DIAGNOSING TB IN RESOURCE-POOR SETTINGS	\$178,690

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2013	NATIONAL JEWISH HEALTH	CO	R03AI105468	Generation of TRAJ18-Deficient Mice Using TALNS	\$39,625
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI099029	Mapping the Critical Epitopes of Ara h 2 and Ara h 6	\$376,098
2013	COLORADO STATE UNIVERSITY	CO	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$342,223
2013	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$273,596
2013	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$352,877
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$348,367
2013	UNIVERSITY OF COLORADO DENVER	CO	K08AI080285	INFLUENCE OF SEX STEROIDS ON HIV-1 CHEMOKINE CORECEPTOR EXPRESSION IN WOMEN	\$132,169
2013	COLORADO STATE UNIVERSITY	CO	R01AI094349	Ivermectin for Malaria Control	\$472,541
2013	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$122,850
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI102519	IMMUNOLOGICAL MECHANISMS OF VACCINATION	\$5,000
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI097572	DEFINING HOW TCR COMPLEX MEDIATED SIGNALING IS REGULATED BY NEDDYLATION	\$156,200
2013	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$369,410
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI102425	MALARIA	\$9,000
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI101193	Do the B2 and Alu ncRNAs Repress Host Cell mRNA Transcription During HSV-1 Infect	\$76,250
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI105717	Disconnecting CR2/CD21 from Its C3d Ligand to Ameliorate Lupus	\$231,438
2013	BOLDER BIOTECHNOLOGY, INC	CO	U01AI107340	Long-acting growth factors for treating the acute and long term effects of lethal	\$488,794
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI103361	Hepatitis C viral sensing by non-parenchymal liver cells (NPC)	\$217,728
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI106140	THE INNATE IMMUNE RESPONSE IN THE PATHOGENESIS OF INFECTIOUS DISEASE	\$10,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104097	B CELL DEVELOPMENT AND FUNCTION	\$10,000
2013	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI108236	THIRTEENTH ANNUAL MEETING OF THE ROCKY MOUNTAIN VIROLOGY ASSOCIATION	\$6,000
2013	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$196,574
2013	NATIONAL JEWISH HEALTH	CO	K23AI083792	Bacteria in Lower Airways and Airway Inflammation in Children with Asthma	\$125,172
2013	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$362,934
2013	COLORADO STATE UNIVERSITY	CO	U01AI088647	Sustainable Control of Aedes aegypti and epidemic dengue	\$585,630

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2013	INDEVR LLC	CO	R44AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$980,000
2013	COLORADO STATE UNIVERSITY	CO	R21AI092002	VIRULENCE OF MDR-TB STRAINS	\$222,750
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI094487	CONTROL OF PSEUDOMONAS AERUGINOSA QUORUM SENSING AND ALGINATE	\$237,683
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104008	TUBERCULOSIS: UNDERSTANDING THE ENEMY	\$4,000
2013	UNIVERSITY OF COLORADO DENVER	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction in Preclinical Rheumatoid Arthritis	\$442,666
2013	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$639,711
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI099346	MOUSE MODELING OF A HUMAN STING GENE VARIANT FOR INFECTIOUS DISEASE	\$217,904
2013	COLORADO STATE UNIVERSITY	CO	R21AI101864	Mechanisms of Ferritin-iron Acquisition and Burkholderia pseudomallei Infection.	\$181,865
2013	NATIONAL JEWISH HEALTH	CO	U01AI097073	Anti IL5 and Churg Strauss Syndrome: a double blind, placebo controlled trial	\$1,580,856
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$385,521
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$396,454
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$282,283
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$352,881
2013	COLORADO STATE UNIVERSITY	CO	R01AI083368	YELLOW FEVER/DENGUE VIRUS COMPETENCE IN Aedes Aegypti Aegypti/Formosus in Senegal	\$336,143
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI077597	Infectious Agents and B Cell Energy	\$355,955
2013	NATIONAL JEWISH HEALTH	CO	R01AI081878	Regulation of B Cell Identity and Lineage Progression	\$362,934
2013	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$372,475
2013	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	\$348,436
2013	NATIONAL JEWISH HEALTH	CO	R03AI101953	IFN-lambda polymorphisms and host response to respiratory viral infections in hum	\$12,037
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI099863	ANTIGEN PERSISTENCE AND PROTECTIVE IMMUNITY AFTER PROTEIN VACCINATION	\$186,204
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI106011	A unique approach to control the CD40/CD154 inflammatory axis in type 1 diabetes	\$181,587
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI106102	POSITIVE STRAND RNA VIRUSES	\$8,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI108157	ADVANCING VACCINES IN THE GENOMICS ERA	\$6,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104364	HIV VACCINES	\$20,000

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2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI108404	Mechanisms of HIV-associated Gut T Cell Depletion	\$427,961
2013	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of Lipoarabinomannan in Mycobacteria	\$388,613
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$343,275
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$369,464
2013	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$6,477,538
2013	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$122,608
2013	NATIONAL JEWISH HEALTH	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$451,091
2013	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$334,109
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$336,904
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104118	UNDERSTANDING DENDRITIC CELL BIOLOGY TO ADVANCE DISEASE THERAPIES	\$10,000
2013	CRESTONE INC	CO	R44AI090719	Development of a Novel PolC Inhibitor as a Gram-Positive Antibiotic	\$1,000,000
2013	GLOBEIMMUNE, INC	CO	R01AI105053	Recombinant yeast vaccines for sensitive and drug-resistant M. tuberculosis	\$1,000,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104041	HOST RESPONSE IN TUBERCULOSIS	\$6,000
2013	UNIVERSITY OF COLORADO DENVER	CO	U01AI106499	PrEP and ART adherence monitoring using dried blood spots	\$649,049
2013	NATIONAL JEWISH HEALTH	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$409,031
2013	MBIO DIAGNOSTICS INC	CO	R44AI070052	LOW COST LASER DIAGNOSTIC FOR CD4+ T CELL COUNTING	\$789,369
2013	UNIVERSITY OF COLORADO DENVER	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	\$147,771
2013	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$936,507
2013	UNIVERSITY OF COLORADO DENVER	CO	UM1AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$1,467,763
2013	NATIONAL JEWISH HEALTH	CO	R21AI097962	THE ROLE OF GAMMA/Delta T CELLS IN TYPE 1 DIABETES	\$198,125
2013	COLORADO STATE UNIVERSITY	CO	R21AI100186	METABOLOMICS-BASED DISCOVERY OF SMALL MOLECULE BIOMARKERS FOR NONINVASIVE DENGUE	\$218,470
2013	COLORADO STATE UNIVERSITY	CO	R01AI106733	Disrupting Biofilm Formation to Improve TB Drug Treatment	\$352,846
2013	COLORADO STATE UNIVERSITY	CO	R21AI100228	METABOLIC BIOMARKERS AND BIOSIGNATURES FOR IMPROVED DIAGNOSIS OF LYME DISEASE	\$204,238

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2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI102514	EMERGING TOPICS IN IMMUNE SYSTEM PLASTICITY: CELLULAR NETWORKS, METABOLIC CONTROL	\$11,000
2013	COLORADO STATE UNIVERSITY	CO	F31AI104195	Molecular Analysis of the Genetic Determinants that Contribute to Virulence in We	\$39,028
2013	NATIONAL JEWISH HEALTH	CO	R21AI103727	Initial functional characterization of TRUSS-deficient mice	\$239,728
2013	UNIVERSITY OF COLORADO DENVER	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$694,228
2013	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$225,331
2013	UNIVERSITY OF COLORADO DENVER	CO	R01AI090795	INNATE RESTRICTION FACTOR MODULATION OF RETROVIRUS-SPECIFIC HUMORAL IMMUNITY	\$644,945
2013	AKTIV-DRY LLC	CO	R44AI089149	A NEW, RAPIDLY DISSOLVING AND THERMALLY STABLE DRY POWDER HEPATITIS-B VACCINE	\$447,532
2013	COLORADO STATE UNIVERSITY	CO	R21AI102210	HOST TARGETED IMMUNOTHERAPY FOR TB TREATMENT	\$192,202
2013	COLORADO STATE UNIVERSITY	CO	R01AI097550	HTS assays for the methylerythritol-4-phosphate pathway	\$352,917
2013	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$372,475
2013	UNIVERSITY OF COLORADO DENVER	CO	R21AI101064	IDENTIFICATION AND EVALUATION OF NOVEL THERAPEUTIC TARGETS FOR VIRUS-INDUCED NEUR	\$196,224
2013	INDEVV LLC	CO	R43AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$300,000
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI106184	ADVANCES IN THE KNOWLEDGE AND TREATMENT OF AUTOIMMUNITY	\$13,000
2013	NATIONAL JEWISH HEALTH	CO	R21AI102264	IFNGR DOWN REGULATION AS A HOST TARGET FOR THERAPY OF INFECTIOUS DISEASES	\$198,125
2013	NATIONAL JEWISH HEALTH	CO	R03AI105805	Novel Transgenic Mouse Models to Analyze TRPM2 and ADP-Ribose Function	\$79,250
2013	UNIVERSITY OF NORTHERN COLORADO	CO	R15AI054461	DEER MICE AS TOOLS FOR INFECTIOUS DISEASE RESEARCH	\$393,870
2013	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI104221	MYELOID CELLS: REGULATION AND INFLAMMATION	\$8,000
2013	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$247,908
2013	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$421,153
2013	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$265,866
2013	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$384,836
2013	YALE UNIVERSITY	CT	R21AI096999	Monitoring single conformational events during HIV assembly	\$207,916

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2013	YALE UNIVERSITY	CT	F32AI094791	Mechanisms of CD4 T cell memory development during viral and bacterial infections	\$53,942
2013	YALE UNIVERSITY	CT	R21AI095848	IMPACT OF REGULATORY T CELLS ON HUMAN PERIPHERAL B CELL TOLERANCE	\$207,916
2013	YALE UNIVERSITY	CT	R03AI099625	The role of interleukin 22 in West Nile virus pathogenesis in mice	\$83,125
2013	YALE UNIVERSITY	CT	R56AI106922	BIOENGINEERED SIRNA/NANOPARTICLES TO PREVENT HUMAN TRANSPLANT REJECTION	\$291,000
2013	YALE UNIVERSITY	CT	R21AI101918	Nanotherapeutics for combined immunosuppression in organ transplantation	\$195,870
2013	YALE UNIVERSITY	CT	R01AI102876	Role of Retromer-mediated Retrograde Transport in HPV Entry	\$391,079
2013	YALE UNIVERSITY	CT	R21AI102802	Investigating the genetic basis of CD4-intrinsic HIV control	\$195,638
2013	YALE UNIVERSITY	CT	R21AI101704	ANALYSIS OF B CELL TRANSCRIPTOME SHIFTS PRIOR TO LINEAGE DIVERGENCE IN VIVO	\$273,893
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$322,089
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$243,309
2013	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$490,981
2013	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$124,636
2013	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$383,354
2013	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$455,880
2013	YALE UNIVERSITY	CT	R01AI085798	Real-time Imaging Analysis of Vector-borne Lyme Borreliosis Pathogenesis & Persis	\$428,479
2013	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$385,036
2013	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$385,036
2013	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	\$53,942
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$393,212
2013	YALE UNIVERSITY	CT	R21AI107067	Nuclear, Genomic and Molecular Regulation of Type I Interferon Transcription	\$195,540
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$462,233
2013	YALE UNIVERSITY	CT	P01AI039671	Costimulatory Mechanisms of Autoimmunity	\$2,050,980
2013	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$474,961
2013	YALE UNIVERSITY	CT	R01AI068041	A Novel CDN Sensor-Adaptor System for Host Defense Against Infection	\$382,573
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$340,880

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2013	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	\$415,629
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$359,603
2013	YALE UNIVERSITY	CT	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$136,360
2013	YALE UNIVERSITY	CT	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$136,806
2013	YALE UNIVERSITY	CT	R01AI081825	INNATE IMMUNE RESPONSES TO TYPE 3 SECRETION SYSTEM COMPONENTS AND EFFECTORS	\$400,412
2013	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	\$135,749
2013	UNIVERSITY OF CONNECTICUT	CT	K22AI099163	Computational Studies of Early Stage Cell Entry Events by Non-enveloped Viruses	\$155,291
2013	YALE UNIVERSITY	CT	R21AI098142	PRODUCTION OF HIV VECTOR SUPERNATANT USING HELPER-DEPENDENT ADENOVIRUS	\$246,797
2013	YALE UNIVERSITY	CT	R21AI097767	THE ROLE OF STAT3 IN EFFECTOR AND MEMORY CD8 T CELL LONGEVITY AND METABOLISM	\$195,392
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI099668	Elucidating a role for a hematopoietic-tropic microRNA in autoreactive T cells	\$192,500
2013	YALE UNIVERSITY	CT	R21AI097695	Innate Immune Responses in Populations with Differing Susceptibility to Malaria	\$159,682
2013	YALE UNIVERSITY	CT	R01AI102778	Viral Hijacking of Host Membrane Trafficking Pathways	\$591,301
2013	YALE UNIVERSITY	CT	R03AI105734	Definition of follicular stromal cell subset interactions with B cells	\$83,125
2013	YALE UNIVERSITY	CT	R21AI107150	Mechanisms of vaccinia virus dissemination	\$234,648
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$349,795
2013	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$463,916
2013	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$352,060
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$358,281
2013	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$203,403
2013	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$1,605,387
2013	YALE UNIVERSITY	CT	R01AI082295	REGULATION OF CXCR4 BY COGNATE AND NON-COGNATE LIGANDS	\$381,186
2013	YALE UNIVERSITY	CT	U19AI089992	Systems Immune Profiling of Divergent Responses to Infection	\$2,761,712
2013	YALE UNIVERSITY	CT	R37AI028798	RNA METABOLISM IN TRYPANOSOMES	\$672,251

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2013	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$734,063
2013	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$385,421
2013	YALE UNIVERSITY	CT	R56AI105409	DEVELOPMENT OF CHIMERIC VESICULO/ALPHAVIRUSES AS AN ALPHAVIRUS VACCINE	\$1,156,616
2013	YALE UNIVERSITY	CT	R37AI066232	Regulation of memory CD8 T cell development	\$390,785
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$340,880
2013	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$366,949
2013	YALE UNIVERSITY	CT	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$306,330
2013	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$381,186
2013	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$224,353
2013	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$381,186
2013	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$468,976
2013	YALE UNIVERSITY	CT	R01AI081884	Autophagy in Antiviral Immunity	\$385,036
2013	YALE UNIVERSITY	CT	R01AI093775	Improved Treatment of American Cutaneous Leishmaniasis by Immunomodulation	\$627,013
2013	YALE UNIVERSITY	CT	R01AI091568	ACE: Investigation of Innate Immunity in Multiple Sclerosis	\$295,204
2013	YALE UNIVERSITY	CT	R21AI101456	Symbiosis and Immunity in the Tsetse Fly	\$195,638
2013	YALE UNIVERSITY	CT	F32AI104334	Structure activity and structure property relationships for novel anti-HIV agents	\$47,114
2013	VAXINNATE CORPORATION	CT	R01AI105206	Development of a Recombinant Tetravalent Dengue Vaccine Based on a Subunit Envelo	\$746,690
2013	ANCERA LLC	CT	R43AI102547	RAPID, SENSITIVE AND LABOR-FREE IMMUNOASSAYS FOR SEPSIS BASED ON MAGNETIC NANOFLU	\$149,949
2013	YALE UNIVERSITY	CT	R01AI055502	TOLL PATHWAY & CONTROL OF ADAPTIVE IMMUNE RESPONSES	\$380,751
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$380,280
2013	YALE UNIVERSITY	CT	R01AI052473	Natural History of Urban Leptospirosis	\$299,719
2013	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$369,405
2013	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$385,036
2013	YALE UNIVERSITY	CT	R01AI082030	THE ROLE OF BCL-RAMBO IN THYMIC INVOLUTION	\$405,516
2013	YALE UNIVERSITY	CT	R01AI089771	Role of basophils in initiating Th2 immune responses	\$384,524
2013	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$767,222

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2013	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$556,166
2013	YALE UNIVERSITY	CT	T32AI089704	Human and Translational Immunology	\$238,845
2013	YALE UNIVERSITY	CT	R21AI094525	IDENTIFICATION OF NOVEL GENES AS BEING IMPORTANT FOR NEUTROPHIL FUNCTIONS	\$207,865
2013	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$391,177
2013	YALE UNIVERSITY	CT	R03AI106444	Efficacy of antiretroviral inhibitors in HIV cell-to-cell transmission	\$83,125
2013	L2DIAGNOSTICS, LLC	CT	R43AI096628	A Lyme disease vaccine using newly identified in-vivo expressed antigens	\$299,681
2013	YALE UNIVERSITY	CT	R21AI107957	Regulatory T cell mediated control of colitis by Dkk1	\$234,706
2013	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$444,169
2013	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$390,785
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	P01AI056172	Modulation of Biodefense Responses to Microbial Pathogens	\$2,523,515
2013	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$390,590
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$359,728
2013	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$28,076
2013	YALE UNIVERSITY	CT	U19AI082713	YALE AUTOIMMUNITY CENTER OF EXCELLENCE	\$653,897
2013	YALE UNIVERSITY	CT	R21AI097756	BASE EXCISION REPAIR AND AUTOIMMUNITY	\$207,916
2013	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$376,805
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$356,815
2013	YALE UNIVERSITY	CT	R03AI092184	TRANSCRIPTOME ANALYSIS OF LEISHMANIA PANAMENSIS DEVELOPMENTAL STAGES	\$83,146
2013	YALE UNIVERSITY	CT	R21AI097847	DECIPHERING UBIQUITIN-REGULATED HOST RESPONSES TO THE INTRACELLULAR PATHOGEN LEGI	\$207,865
2013	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$391,177
2013	YALE UNIVERSITY	CT	R21AI094104	REMODELING-INDEPENDENT FUNCTION OF THE BAF COMPLEX IN T CELLS AND BEYOND	\$195,638
2013	YALE UNIVERSITY	CT	R21AI100191	A NEW CYTOKINE-BASED IMMUNOASSAY FOR THE DIAGNOSIS OF LYME DISEASE	\$203,176
2013	MZ DIAGNOSTICS INC	CT	R43AI102541	THE USE OF MASS SPECTROMETRY FOR RAPID DETECTION OF CARBAPENEMASE-PRODUCING BACTE	\$224,697
2013	YALE UNIVERSITY	CT	R21AI100696	Single molecule imaging of HIV Env	\$267,493

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2013	YALE UNIVERSITY	CT	R21AI102756	IMPLEMENTING POINT OF CARE CD4 ANALYSIS TO DECENTRALIZE HIV CARE IN RURAL AFRICA	\$148,183
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI099430	IRAK4 and systemic lupus erythematosus	\$186,825
2013	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$304,949
2013	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$380,958
2013	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$390,590
2013	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$390,785
2013	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$385,036
2013	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$390,785
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	\$334,625
2013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$397,264
2013	YALE UNIVERSITY	CT	K08AI085038	Role of the Nlrp3 Inflammasome in Adaptive Immunity	\$133,515
2013	YALE UNIVERSITY	CT	K08AI103036	Targeting Entry Pathways in Leishmaniasis	\$132,954
2013	YALE UNIVERSITY	CT	R21AI098108	HYALURONAN AS AN INNATE LIGAND THAT INDUCES INFLAMMATION AFTER TRANSPLANTATION	\$195,638
2013	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$550,798
2013	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI082086	MULTIVALENT PLAGUE, ANTHRAX VACCINES USING BACTERIOPHAGE T4 DISPLAY	\$726,001
2013	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$1
2013	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI090571	IDENTIFICATION OF ANTIGENS FOR ANTI-HIV BROADLY NEUTRALIZING RESPONSES	\$501,414
2013	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$10,000
2013	INTERNATIONAL AIDS SOCIETY	DC	R13AI108256	7TH IAS CONFERENCE ON HIV PATHOGENESIS, TREATMENT AND PREVENTION (IAS 2013)	\$650,000
2013	CHILDREN'S RESEARCH INSTITUTE	DC	F32AI096730	The Promotion of Inflammation by Bacterial Sialidases After Influenza Infection	\$29,306
2013	GEORGETOWN UNIVERSITY	DC	R03AI097611	ANALYSIS OF LYMPHOCYTE DEVELOPMENT IN MICE EXPRESSING E3-DEFICIENT RAG1 ALLELES	\$74,568
2013	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$15,000
2013	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI108183	4TH ASM CONFERENCE ON SALMONELLA: THE BACTERIUM, THE HOST AND THE ENVIRONMENT	\$9,000
2013	GEORGETOWN UNIVERSITY	DC	R01AI101798	Metabolomic biomarkers and instrumentation for assessment of radiation injury	\$382,520

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2013	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI102725	Potent Phage T4 Derived V2 Immunogens as HIV Vaccines	\$366,528
2013	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI097520	In vitro Models of Glandular Hyperplasia in Pediatric Chronic Rhinosinusitis	\$215,000
2013	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Women's Interagency HIV/AIDS Study	\$2,880,597
2013	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$396,157
2013	AMERICAN UNIVERSITY	DC	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	\$150,252
2013	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$153,674
2013	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$340,832
2013	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$337,425
2013	UNIVERSITY OF MIAMI	FL	U01AI083015	EVALUATION OF NOVEL DEXD/H HELICASES IN INNATE IMMUNE SIGNALING	\$344,830
2013	UNIVERSITY OF FLORIDA	FL	R01AI079014	Vesicle Trafficking and Bacteria Invasion	\$340,832
2013	UNIVERSITY OF FLORIDA	FL	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$444,037
2013	UNIVERSITY OF FLORIDA	FL	R01AI087734	LIGHT_HVEM_BTLA axis in protective anti_viral immunity	\$280,120
2013	UNIVERSITY OF FLORIDA	FL	R01AI097405	Cholera Transmission in Gressier Region, Haiti	\$624,401
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$435,988
2013	UNIVERSITY OF FLORIDA	FL	K22AI095015	NOVEL APPROACH TO SUPPRESS HIV-1 INNATE INFLAMMATION	\$108,000
2013	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$359,550
2013	UNIVERSITY OF MIAMI	FL	R21AI105320	Antigen-specific tolerance in T1 diabetes by IDO loaded functionalized dendrimers	\$180,363
2013	UNIVERSITY OF MIAMI	FL	R56AI106718	Vaccine-Induced memory CD4T cells and HIV reservoirs	\$534,432
2013	UNIVERSITY OF MIAMI	FL	R37AI063928	Gamma-2 Herpesviruses as Vaccine Vectors for AIDS	\$27,306
2013	UNIVERSITY OF FLORIDA	FL	R21AI094360	High-Throughput Evaluation of Dendritic Cell-Targeting Vaccine Particles for the	\$169,395
2013	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$1,877,373
2013	UNIVERSITY OF FLORIDA	FL	R03AI101625	CANINE INFLUENZA VIRUS INDUCTION OF TNF	\$73,250
2013	UNIVERSITY OF MIAMI	FL	U01AI103397	Miami Womens Interagency HIV Study WIHS	\$1,699,999
2013	UNIVERSITY OF FLORIDA	FL	F31AI094925	Mechanisms of B-Cell Tolerance in a Mouse Model of Lupus	\$33,942
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI097591	Mechanisms of Membrane Translocation by Protein Toxins	\$69,710
2013	UNIVERSITY OF MIAMI	FL	R33AI088601	TARGETED siRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$385,211
2013	UNIVERSITY OF MIAMI	FL	R56AI101278	IMMUNOMODULATION REQUIREMENTS FOR TREG IMMUNOTHERAPY FOR AUTOIMMUNE DIABETES	\$360,725

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2013	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R21AI105985	Inhibiting protein-primed replication of human enteroviruses.	\$238,754
2013	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$359,550
2013	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$366,247
2013	Florida State University	FL	P01AI074805	M TUBERCULOSIS MEMBRANE PROTEIN PHARMACEUTICAL TARGETS	\$1,759,985
2013	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	\$388,526
2013	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$346,089
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI098098	Genetic screen for P. vivax CQR	\$180,146
2013	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$352,363
2013	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R01AI098616	Improved HIV Assays by Combining Four Innovations in Nucleic Acid Chemistry	\$347,800
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103715	Bioprospecting antibiotics in the fungal secondary metabolome	\$171,579
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R15AI103880	DEOXYRIBOZYME SENSOR-BASED DIAGNOSTICS FOR MYCOBACTERIUM TUBERCULOSIS	\$429,965
2013	UNIVERSITY OF MIAMI	FL	R01AI100968	Outdoor Resting and Sugar Feeding Behaviors of African Malaria Vectors	\$564,304
2013	VACCINE & GENE THERAPY INSTITUTE-FLORIDA	FL	R01AI106482	Boosting anti-HIV immunity through manipulation of Tfh function.	\$524,241
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$351,885
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R56AI101072	Delineating EEEV Over-Wintering and Early Season Amplification Mechanisms	\$342,985
2013	FLORIDA GULF COAST UNIVERSITY	FL	R01AI099210	Design of a human monoclonal antibody-informed dengue vaccine	\$381,052
2013	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$329,873
2013	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$412,545
2013	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$357,048
2013	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$1,182,630
2013	UNIVERSITY OF FLORIDA	FL	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$300,612
2013	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$657,363

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2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI080626	Characterization of S in the stress & virulence responses of S. aureus	\$307,796
2013	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	\$2,155,537
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI105324	Inhibition of Toxin Translocation Can Reverse Cholera and ETEC-Mediated Diarrhea	\$181,250
2013	UNIVERSITY OF FLORIDA	FL	R01AI100987	Manipulation of inflammasomes and NF-kB signaling in human myeloid cells by Myxom	\$372,500
2013	UNIVERSITY OF MIAMI	FL	K99AI106963	CONSERVED IMMUNE RESPONSE TO SENSING CYTOSOLIC DNA	\$90,000
2013	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$315,135
2013	UNIVERSITY OF FLORIDA	FL	R01AI034276	LISTERIA AND SHIGELLA USE ACTIN TO SPREAD CELL TO CELL	\$300,562
2013	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$336,844
2013	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$331,901
2013	Florida State University	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$436,796
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$673,463
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	\$374,481
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	\$414,313
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI100280	NOVEL ANTIMALARIALS FROM MARINE MICROBIAL NATURAL PRODUCTS	\$180,875
2013	UNIVERSITY OF MIAMI	FL	R21AI096446	MOLECULAR MECHANISMS FOR TNF-MEDIATED INHIBITION OF B LYMPHOCYTE FUNCTION	\$215,730
2013	UNIVERSITY OF MIAMI	FL	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$667,931
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI103158	Evolution and inhibition of beta-lactamase activity in antibiotic resistance	\$362,353
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103673	Natural Product Treatments for Leishmaniasis	\$175,663
2013	FLORIDA ATLANTIC UNIVERSITY	FL	R03AI103750	OVERCOMING THE DEGRADING EFFECTS OF NICOTINE ON VACCINE USING TLR AGONISTS	\$74,250
2013	ISENSE LLC	FL	R44AI094781	Rapid Identification of Pathogenic Bacteria and Sepsis Diagnosis	\$994,871
2013	UNIVERSITY OF FLORIDA	FL	F32AI100322	Characterization of a novel role for DEAD-box RNA helicases in bacteria.	\$52,190
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103302	Ecdysteroid Signaling in Filarial Parasites	\$217,647
2013	UNIVERSITY OF MIAMI	FL	R21AI106373	Immune Activation in Virologically Suppressed Indian HIV-infected Patients	\$206,792
2013	UNIVERSITY OF FLORIDA	FL	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$343,183
2013	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$996,995

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2013	UNIVERSITY OF MIAMI	FL	UM1AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$964,543
2013	UNIVERSITY OF FLORIDA	FL	R00AI095302	SURVIVAL ANALYSIS AND REGRESSION IN INFECTIOUS DISEASE EPIDEMIOLOGY	\$219,159
2013	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,060,788
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI103664	New Therapies for Pathogenic Free-Living Amoebae	\$266,309
2013	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$2,145,532
2013	ADHAERE PHARMACEUTICALS INC	FL	R43AI100499	Medicinal Chemistry Based Optimization of Lead Compounds Against Multiple Sclerosis	\$300,000
2013	UNIVERSITY OF FLORIDA	FL	R01AI103348	The Structural and Functional Basis of HLA-associated Drug Hypersensitivity	\$384,080
2013	UNIVERSITY OF MIAMI	FL	F31AI106290	Elucidating Perforin-2 mediated killing mechanisms against pathogenic bacteria	\$47,232
2013	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$384,042
2013	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$739,662
2013	FLORIDA ATLANTIC UNIVERSITY	FL	R01AI092120	Identification of vaccine candidates against severe malaria	\$328,818
2013	UNIVERSITY OF MIAMI	FL	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$314,577
2013	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI102589	Functional Characterization of Artemisinin-induced Dormancy	\$36,976
2013	SOLIGENIX INC	FL	R43AI100417	BECLOMETHASONE POST EXPOSURE THERAPY FOR GASTROINTESTINAL ACUTE RADIATION SYNDROM	\$300,000
2013	NOVA SOUTHEASTERN UNIVERSITY	FL	R21AI099809	Microbial Translocation in Chronic Fatigue Syndrome	\$151,526
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099094	Determination of the genetic basis for B. burgdorferi mammalian infectivity	\$286,435
2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI105977	Discovery of marine natural products targeting latent M. tuberculosis	\$228,600
2013	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R21AI103526	Modulating the immune response to adenovirus vectors through NF-kB/IRF3 activatio	\$252,750
2013	FLORIDA ATLANTIC UNIVERSITY	FL	R21AI107845	Discovery of Marine Invertebrate-Derived Antimalarial Agents	\$218,099
2013	Florida State University	FL	R56AI107763	HEPATIC DIFFERENTIATION OF STEM CELLS AND THE CELLULAR DETERMINANTS OF HEPATITIS	\$288,840
2013	UNIVERSITY OF MIAMI	FL	R01AI108472	Antibody Responses in HIV and Aging	\$529,210
2013	UNIVERSITY OF MIAMI	FL	R33AI088595	Exploring the Role of Vif Antagonists in Preventing Sexual HIV Transmission	\$425,852
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$343,392

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2013	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI035272	LIPID STORAGE AND MOBILIZATION IN M. TUBERCULOSIS AS ANTILATENCY DRUGS TARGETS	\$343,564
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI077662	ESSENTIAL CELL CYCLE MECHANISMS IN TOXOPLASMA	\$338,967
2013	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$610,583
2013	UNIVERSITY OF FLORIDA	FL	R21AI101571	USING EVOLUTION TO UNDERSTAND THE MOLECULAR BASIS OF INNATE IMMUNE FUNCTION	\$175,075
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$95,270
2013	UNIVERSITY OF MIAMI	FL	R21AI099809	Microbial Translocation in Chronic Fatigue Syndrome	\$0
2013	UNIVERSITY OF MIAMI	FL	R21AI101823	YSCE/YSCG CHAPERONE-DEPENDENT SECRETION OF YERSINIA PESTIS YSCF	\$215,730
2013	UNIVERSITY OF MIAMI	FL	R21AI103547	Genetic and epigenetic contributions to the neonatal Th2 bias	\$230,125
2013	NOVA SOUTHEASTERN UNIVERSITY	FL	R56AI065723	IMMUNOLOGIC MECHANISMS, BIOMARKERS AND SUBSETS IN CFS/ME	\$355,301
2013	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$341,996
2013	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,113,383
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$314,078
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$310,937
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$188,195
2013	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$362,652
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI084415	Genetic dissection of parasite metabolism	\$314,679
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$347,800
2013	EMORY UNIVERSITY	GA	K01AI087724	Effect of Nutrition, Immunity, and Vaccines on Pediatric Enteric Infections	\$119,324
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI096552	Functional analysis of a symbiotic polydnavirus	\$48,495
2013	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$128,501
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI097600	Modulation of Bone Morphogenic Protein signaling for cancer immunotherapy	\$187,500
2013	EMORY UNIVERSITY	GA	R01AI028731	Noncarbohydrate Approaches to Anti-AIDS Nucleosides	\$400,271

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$342,832
2013	EMORY UNIVERSITY	GA	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	\$569,655
2013	EMORY UNIVERSITY	GA	R21AI104278	Persistent Virus Reservoirs in SIV-infected Macaques	\$267,750
2013	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI103693	Development of a live, genetically-attenuated cholera vaccine prototype that could be delivered as hyperinfective biofilms	\$92,391
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R56AI104875	Programming dendritic cells to induce tolerogenic response and suppress brain inf	\$352,500
2013	EMORY UNIVERSITY	GA	R01AI101982	Modulation of Inflammatory Responses by Helminth Glycans	\$463,582
2013	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$448,275
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI039033	Mechanisms of Resistance and Susceptibility to African Trypanosome Infection	\$345,485
2013	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune R	\$405,370
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI082127	FOXN1 AND MOLECULAR MECHANISM OF THYMIC INVOLUTION	\$341,673
2013	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI077343	Mechanical Regulation of Selectin-Ligand Binding Kinetics	\$460,797
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI088744	RSV Nanocapsule Vaccine Engineered with a G Protein Peptide Payload	\$528,153
2013	EMORY UNIVERSITY	GA	P01AI078907	B Cells in Health and Disease	\$2,056,593
2013	EMORY UNIVERSITY	GA	K22AI087818	ROLE OF CHEMOKINE-LIKE RECEPTOR-1 IN CENTRAL NERVOUS SYSTEM AUTOIMMUNE PATHOLOGY	\$108,000
2013	EMORY UNIVERSITY	GA	U01AI103408	Emory WIHS CRS - Longitudinal Cohort	\$2,400,001
2013	EMORY UNIVERSITY	GA	R21AI102197	NOX1 AND NOX2 AS THERAPEUTIC TARGETS IN INFLUENZA	\$225,443
2013	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$481,868
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI098998	CURAXINS: LEAD DRUGS AND TARGET DISCOVERY IN THE AFRICAN TRYPANOSOME	\$185,625
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R00AI099156	ROLE OF CHAPERONES IN MAINTAINING THE ASPARAGINE REPEAT-RICH PROTEOME OF P. FALCI	\$249,000
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI100246	DEVELOPMENT OF POINT-OF-CARE DIAGNOSTICS FOR NOROVIRUS	\$180,879
2013	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$1,262,680
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI104258	A High-throughput Strategy to Identify HIV Intra-subtype Recombinant Sequences	\$37,125

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2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$293,985
2013	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$3,407,638
2013	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$245,312
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	AMINO ACID REPAIR ACTIVITY IN HELICOBACTER PYLORI	\$339,728
2013	EMORY UNIVERSITY	GA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$326,311
2013	EMORY UNIVERSITY	GA	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$674,331
2013	EMORY UNIVERSITY	GA	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$696,939
2013	EMORY UNIVERSITY	GA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	\$219,960
2013	EMORY UNIVERSITY	GA	R21AI099847	CO-INFECTION OF MICE WITH MHV68 AND RODENT PLASMODIUM SPECIES	\$232,500
2013	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$362,652
2013	EMORY UNIVERSITY	GA	R21AI098592	HIV-SPECIFIC B CELL REPERTOIRE IN HUMANS FOLLOWING CROSS-CLADE IMMUNIZATION	\$183,300
2013	EMORY UNIVERSITY	GA	R21AI101775	Structural studies of respiratory syncytial virus	\$234,000
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R56AI099043	Mechanisms of marginal zone macrophage mediated tolerance towards apoptotic cell	\$352,500
2013	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$364,626
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI107663	Pathogenesis of Trypanosoma cruzi infection	\$350,150
2013	EMORY UNIVERSITY	GA	R01AI110334	Central memory CD4 T cell infection: key role in ART response and HIV persistence	\$873,611
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$345,739
2013	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$366,713
2013	EMORY UNIVERSITY	GA	R01AI047498	Phylogeography and Spatial Dynamics of Epidemic Rabies	\$323,025
2013	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$364,250
2013	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$905,932
2013	EMORY UNIVERSITY	GA	R21AI098581	Escape From Broadly Neutralizing MAbs by Genetically-Linked Early & Late HIV Envs	\$220,000
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI092022	CAN DRUG TARGETS FROM PARASITIC NEMATODES BE USEFULLY EXPRESSED IN C. ELEGANS	\$185,427

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2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI097851	Alternative regulation of ISGs in WNV-infected cells	\$173,900
2013	EMORY UNIVERSITY	GA	R21AI097803	STRUCTURAL STUDIES OF PKR REGULATION BY VIRAL NON-CODING RNA	\$146,640
2013	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$2,976,722
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	U01AI083005	MANIPULATING NATURAL HOST IMMUNOREGULATION VIA IDO DURING VIRAL INFECTION	\$1,410,329
2013	EMORY UNIVERSITY	GA	R01AI087798	Role of the Respiratory Syncytial Virus Fusion Protein in Airway Mucus Induction	\$359,811
2013	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$683,273
2013	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$364,250
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI100913	Bacterial inhibitors of eukaryotic membrane fusion	\$314,078
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	\$352,500
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$348,975
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI102254	TARGETING HOST AND APICOMPLEXAN ISOPRENOID PATHWAYS	\$222,750
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K99AI103032	UNIQUE FUNCTIONS OF THE MITOCHONDRIAL TRNA IMPORT MACHINERY IN T. GONDII	\$89,964
2013	EMORY UNIVERSITY	GA	R21AI106386	Role of oxido-reductive stress in regulating HIV-TB coinfection	\$166,604
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI103575	A Novel Approach for Mycobacterium Tuberculosis Vaccine Development	\$174,488
2013	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI107116	Rapid antimicrobial susceptibility determination of bacterial pathogens	\$379,108
2013	EMORY UNIVERSITY	GA	R01AI106715	A Molecular-Social Network Investigation of HIV-HCV Co-infection in Chinese MSM	\$200,000
2013	EMORY UNIVERSITY	GA	R21AI103270	Polyamine Modulation of Gonococcal Virulence	\$180,762
2013	EMORY UNIVERSITY	GA	R01AI101047	Novel Influenza A Nanovaccines for Broad Cross Protection	\$521,571
2013	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$364,250
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$381,064
2013	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$364,250
2013	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$2,506,289
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI081800	CYTOKINE REGULATION OF MEMORY CD8 T CELL RESPONSES	\$273,625

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2013	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$313,499
2013	EMORY UNIVERSITY	GA	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$757,290
2013	EMORY UNIVERSITY	GA	R01AI030048	T Cell Memory To Viruses	\$451,293
2013	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$355,916
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$330,460
2013	EMORY UNIVERSITY	GA	R21AI094218	CHARACTERIZATION OF A NOVEL DIAGNOSTIC TEST FOR PNEUMOCOCCAL INFECTION	\$197,934
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI105170	VLP Vaccine Technology	\$838,288
2013	EMORY UNIVERSITY	GA	R01AI104699	Costimulatory and Coinhibitory Receptor Control of Alloreactive T Cell Responses	\$366,600
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI103347	Engineering DNA nanoparticles to create immune tolerance	\$352,500
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI096364	NANOTECHNOLOGY-BASED DETECTION OF MYCOPLASMA PNEUMONIAE	\$190,716
2013	INHIBIKASE THERAPEUTICS LLC	GA	R43AI103982	DFG-out inhibitors of Abl-kinases to treat PML	\$300,000
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	\$348,975
2013	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI105500	The role of GCN2-kinase in antigen presenting cell function and tolerance to self	\$211,500
2013	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$467,313
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$525,321
2013	EMORY UNIVERSITY	GA	R01AI020211	Cytomegalovirus DNA Replication and Inversion	\$357,002
2013	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$802,340
2013	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$272,463
2013	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$900,060
2013	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	\$1,978,098
2013	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$362,934
2013	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$20,000
2013	EMORY UNIVERSITY	GA	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$895,418
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis in Urban Africa	\$545,297
2013	EMORY UNIVERSITY	GA	F32AI096709	MECHANISMS OF CD4 T CELL HELP FOR CD8 T CELLS DURING PERSISTENT VIRAL INFECTION	\$55,670
2013	EMORY UNIVERSITY	GA	R01AI090840	Design of HIV VLPs with Enhanced Immunogenicity	\$463,321

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2013	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$948,391
2013	EMORY UNIVERSITY	GA	R21AI094402	Chimeric hybrid transmission blocking vaccine for malaria	\$220,000
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI097941	M. TUBERCULOSIS GENES REQUIRED FOR PULMONARY SURVIVAL REVEALED BY TRACS	\$74,250
2013	EMORY UNIVERSITY	GA	R21AI098800	ARMR: A NOVEL DRUG TARGET AND MEDIATOR OF ANTIBIOTIC RESISTANCE	\$257,518
2013	EMORY UNIVERSITY	GA	K23AI103044	Intra Cavitory Pharmacokinetics and Drug Resistance in Pulmonary Tuberculosis	\$180,360
2013	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$427,224
2013	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$366,600
2013	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,340,695
2013	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$413,600
2013	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$179,047
2013	EMORY UNIVERSITY	GA	K08AI079166	DISSECTING THE PATHWAYS LEADING TO INJURY IN LUNG TRANSPLANTATION	\$128,736
2013	EMORY UNIVERSITY	GA	R01AI090797	MECHANISMS OF SIV SUPPRESSION BY CD8+ LYMPHOCYTES	\$733,243
2013	EMORY UNIVERSITY	GA	R01AI078773	INNATE IMMUNITY AND SIV INFECTION	\$564,278
2013	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$409,464
2013	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$2,937,945
2013	EMORY UNIVERSITY	GA	P01AI088575	TARGETING MTOR AND CD40 PATHWAYS FOR ADJUVANTING HIV VACCINES	\$3,079,095
2013	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	\$20,000
2013	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$388,428
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$348,975
2013	PATHENS INCORPORATED	GA	R41AI100457	A NOVEL LIVE INTRANASAL TB VACCINE	\$300,000
2013	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$55,671
2013	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	\$5,076,283
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI099058	MAP3K8-mediated regulation of adaptive immune responses and autoimmunity	\$139,590
2013	GEORGIA TECH RESEARCH CORPORATION	GA	K22AI100927	COMBATING INFECTION THROUGH ATOMIC-SCALE MODELING OF UNIQUE BACTERIAL SYSTEMS	\$161,090

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2013	GEOVAX INC	GA	R43AI106422	Enhancing protective antibody responses for a GM-CSF adjuvanted HIV vaccine	\$276,690
2013	EMORY UNIVERSITY	GA	R21AI095718	COADMINISTRATION OF CAPSID MODIFIED ADENOVIRUS FOR MALARIA VACCINE DEVELOPMENT	\$211,737
2013	EMORY UNIVERSITY	GA	K23AI108335	Defining the rectal mucosa in MSM at risk of HIV infection	\$180,333
2013	EMORY UNIVERSITY	GA	K01AI103544	Impacts of Human Movement on Regional Strain Distribution of Diarrheagenic E.coli	\$131,009
2013	EMORY UNIVERSITY	GA	R21AI103653	Virulence Determinants for Host Tropism in the Burkholderia cepacia complex	\$233,867
2013	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$362,337
2013	UNIVERSITY OF HAWAII	HI	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$346,739
2013	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R43AI098229	DEVELOPMENT OF A RECOMBINANT SUBUNIT VACCINE FOR CCHF	\$268,909
2013	PANTHERA BIOPHARMA LLC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$634,465
2013	UNIVERSITY OF HAWAII	HI	R01AI054128	MECHANISM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$310,938
2013	UNIVERSITY OF HAWAII	HI	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$677,353
2013	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R01AI104586	IND Enabling Studies for Small Molecule Anthrax Lethal Factor Inhibitors	\$1,126,264
2013	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$348,975
2013	UNIVERSITY OF IOWA	IA	R01AI076233	GENETIC RISK FACTORS FOR VISCERAL LEISHMANIASIS	\$297,117
2013	UNIVERSITY OF IOWA	IA	R01AI106738	Non-invasive imaging of Staphylococcus aureus foreign -body infections	\$348,902
2013	DES MOINES UNIVERSITY	IA	R56AI099010	CHARACTERIZATION OF A NOVEL C1Q-DEPENDENT ENGULFMENT PATHWAY IN AUTOIMMUNITY	\$256,484
2013	UNIVERSITY OF IOWA	IA	R01AI097264	Post-transcriptional regulation of Pseudomonas virulence gene expression	\$373,035
2013	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$332,350
2013	UNIVERSITY OF IOWA	IA	R21AI105351	Decoding TCF1-controlled transcriptional program that promotes memory T cell fate	\$188,750
2013	UNIVERSITY OF IOWA	IA	R56AI070958	INNATE IMMUNE DEFENSE AGAINST COMMUNITY ASSOCIATED METHICILLIN-RESISTANT S.AUREUS	\$354,850
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$302,146

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2013	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$207,416
2013	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$353,987
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI101517	PHYLOGENY, STRUCTURE AND VIRULENCE CONTRIBUTIONS OF NMEC'S VIRULENCE PLASMIDS	\$205,018
2013	UNIVERSITY OF IOWA	IA	R21AI096850	CELLULAR INTERMEDIATES IN STABLE MEMORY CD8 T CELL MAINTENANCE	\$225,990
2013	UNIVERSITY OF IOWA	IA	R01AI100527	T cell Inhibitory receptor blockade in chronic blood-stage malaria	\$354,850
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the structure, function, and mechanisms of diverse protein-based metabolic organelles in bacteria	\$455,397
2013	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$1,714,095
2013	UNIVERSITY OF IOWA	IA	K24AI079272	DISSECTING THE IMMUNE BASIS OF DISEASE AND THERAPY	\$182,524
2013	UNIVERSITY OF IOWA	IA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$354,850
2013	UNIVERSITY OF IOWA	IA	R21AI099597	TORSINA AND NUCLEAR ENVELOPE FUNCTION IN HSV INFECTION	\$188,750
2013	UNIVERSITY OF IOWA	IA	R21AI096007	Synergistic Drug Strategies Against Pseudomonas Aeruginosa Biofilms	\$184,091
2013	UNIVERSITY OF IOWA	IA	R56AI028847	UNDERSTANDING TRAF3-MEDIATED REGULATION OF T LYMPHOCYTE FUNCTIONS	\$226,500
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Brugia malayi	\$350,753
2013	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$224,061
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	U19AI091031	Enhancing B cell immunity against HIV-1 using novel vaccine delivery platforms	\$1,281,293
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI098742	POTENTIATING ANTIBIOTICS AGAINST CAMPYLOBACTER BY INHIBITING EFFLUX	\$174,213
2013	UNIVERSITY OF IOWA	IA	R56AI106776	MEMORY CD8 T CELL IMMUNITY TO RESPIRATORY VIRAL INFECTIONS	\$354,850
2013	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$371,623
2013	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$102,884
2013	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$348,975
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI093703	Cholinergic Receptors as Targets for Accelerated Anthelmintic Discovery	\$307,625
2013	UNIVERSITY OF IOWA	IA	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$319,365
2013	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$567,660

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2013	UNIVERSITY OF IOWA	IA	R21AI101391	Nuclease-Activated Probes for Imaging Staphylococcus aureus Infections	\$226,500
2013	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,605,748
2013	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$595,682
2013	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$345,486
2013	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$408,345
2013	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$348,975
2013	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$354,850
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI098079	IMMUNE FACTORS IN VACCINE-ENHANCED PANDEMIC H1N1 INFLUENZA DISEASE	\$222,000
2013	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$310,748
2013	UNIVERSITY OF IOWA	IA	R01AI087671	Antibacterial Agents that Restrict the Emergence of Resistance	\$348,735
2013	UNIVERSITY OF IOWA	IA	R01AI077519	Filoviral glycoprotein/cellular protein interactions	\$349,709
2013	UNIVERSITY OF IOWA	IA	R56AI071085	ROLE OF DENDRITIC CELLS IN IMMUNITY TO PULMONARY INFLUENZA VIRUS INFECTIONS	\$350,381
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K22AI099165	NMR Studies on the Role of the Essential IgG N-Glycan in Immune System Activation	\$159,347
2013	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI097925	ASSAYING THE ANTHELMINTIC POTENTIAL OF A NOVEL FLATWORM-SPECIFIC GPCR FAMILY	\$74,000
2013	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$354,850
2013	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$359,427
2013	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$300,258
2013	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmids as Vectors of Antibiotic Resistance: The Evolution of Plasmid Host-Range	\$326,094
2013	IDAHO VETERANS RESEARCH & EDUCATION FOUNDATION INC	ID	R21AI101457	Diagnosis of sub-clinical cryptic group A streptococcal myonecrosis	\$204,920
2013	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$490,755
2013	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$5,908,085
2013	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$121,024
2013	UNIVERSITY OF CHICAGO	IL	R01AI081987	Investigating the Catalytic Mechanism of the HDV Ribozyme	\$352,928
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$323,500

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2013	UNIVERSITY OF CHICAGO	IL	F32AI096769	Molecular assemblies as immunomodulators	\$53,942
2013	UNIVERSITY OF CHICAGO	IL	R21AI102236	FATTY ACID SYNTHASE INHIBITORS AS BROAD SPECTRUM ANTI-FLAVIVIRAL THERAPEUTICS	\$216,374
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$624,087
2013	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	\$398,357
2013	UNIVERSITY OF CHICAGO	IL	R01AI087658	Mapping eQTLs that affect susceptibility to Tuberculosis	\$511,463
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI093919	DEVELOPMENT OF A TRANSFORMATIVE APPROACH TO THE RAPID DETECTION, ISOLATION, AND I	\$194,945
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI099639	Discovery of novel anti-HBV compounds targeting host factors	\$222,119
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$366,893
2013	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$366,600
2013	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$354,791
2013	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$354,791
2013	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$326,641
2013	NORTHWESTERN UNIVERSITY	IL	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$116,016
2013	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$354,352
2013	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$604,406
2013	UNIVERSITY OF CHICAGO	IL	U01AI082180	OPTIMIZING INHIBITORS OF T. GONDII ENR	\$805,607
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$2,038,445
2013	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	\$26,232
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI097934	Localization and characterization of the Clostridium difficile biofilm	\$224,250
2013	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	\$126,630
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI097969	GENETIC AND MOLECULAR BASIS OF HOST RESISTANCE TO YERSINIA PESTIS.	\$185,963
2013	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$238,127
2013	NORTHWESTERN UNIVERSITY	IL	R01AI099009	Regulation of cytosolic pattern recognition receptor signaling in macrophages	\$363,075

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2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI101504	NEURONAL-SPECIFIC CARGO-DELIVERY PLATFORMS AS POST-EXPOSURE BOTULISM THERAPIES	\$198,419
2013	UNIVERSITY OF CHICAGO	IL	R21AI098599	Social network positional selection of peer change agents	\$245,072
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI103754	Micro-nano Platforms for HSV Vaccine	\$239,250
2013	UNIVERSITY OF CHICAGO	IL	R56AI097386	MOLECULAR STUDIES OF LIPID PRESENTATION AND T CELL RECOGNITION OF CD1C	\$366,066
2013	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Northwestern University Infectious Diseases Education and Science (NuIDeas)	\$133,636
2013	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and the Stability of Transplantation Tolerance	\$1,071,469
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI106547	Exploring the role of microtubules in HIV-1 uncoating	\$207,176
2013	IMMUVEN INC	IL	R44AI088786	SOLUBLE HIGH-AFFINITY T CELL RECEPTORS PREVENT MRSA LETHALITY	\$683,418
2013	LOYOLA UNIVERSITY OF CHICAGO	IL	R03AI103638	Contribution of Pfs48/45 to Malaria Transmission-Blocking Immunity	\$72,722
2013	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$358,375
2013	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$254,842
2013	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,524,197
2013	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$355,555
2013	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$366,066
2013	NORTHWESTERN UNIVERSITY	IL	R01AI080658	Alpha-herpevirus assembly egress and viral particle heterogeneity	\$283,833
2013	NORTHWESTERN UNIVERSITY	IL	F32AI094945	NEISSERIA GONORRHOEAE G4-BINDING PROTEINS THAT REGULATE PILIN ANTIGENIC VARIATION	\$53,942
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$346,312
2013	UNIVERSITY OF CHICAGO	IL	R21AI099713	INTERPLAY OF DIET AND THE METABOLOME IN ESTABLISHMENT OF THE JUVENILE GUT MICROBI	\$236,559
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI099339	DEFINING MECHANISMS UNDERLYING LISTERIA MONOCYTOGENES CARDIAC INFECTIONS	\$199,375
2013	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R03AI105294	Parent-of-Origin Effects on Food Allergy	\$73,500
2013	NORTHWESTERN UNIVERSITY	IL	F32AI108247	Virulence-Associated Accessory Genomic Elements of Pseudomonas aeruginosa	\$49,214
2013	NORTHWESTERN UNIVERSITY	IL	R21AI103658	Small, noncoding RNAs and the evolution of Yersinia pestis virulence	\$217,845

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2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$712,986
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	T32AI007508	Experimental Immunology Training Grant	\$181,642
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$221,250
2013	UNIVERSITY OF CHICAGO	IL	K08AI076596	PATHOPHYSIOLOGY OF STAPHYLOCOCCUS AUREAUS NECROTIZING PNEUMONIA AND SEVERE SEPSIS	\$125,739
2013	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$357,723
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanisms of Pheromone-Controlled Lysozyme Resistance and Surface Display of Streptococcus pyogenes	\$368,950
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$460,440
2013	NORTHWESTERN UNIVERSITY	IL	F32AI089359	Analysis of HIV-1 Uncoating	\$60,632
2013	NORTHWESTERN UNIVERSITY	IL	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$493,043
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI099953	Integration of infant male circumcision with community health services in Kenya	\$944,541
2013	NORTHWESTERN UNIVERSITY	IL	F31AI106357	UTI Immune Modulation by LPS Structure	\$34,908
2013	NORTHWESTERN UNIVERSITY	IL	R56AI105839	Regulation of Food Allergy and Anaphylaxis by IL-33	\$352,192
2013	NORTHWESTERN UNIVERSITY	IL	R01AI101378	DLL4 Regulation of T Cell Migration in EAE	\$151,282
2013	UNIVERSITY OF CHICAGO	IL	U19AI107792	Defining the functions of uncharacterized genes in priority pathogens	\$850,202
2013	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,614,817
2013	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$361,547
2013	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$363,075
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$367,367
2013	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$362,126
2013	UNIVERSITY OF CHICAGO	IL	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$517,036
2013	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$467,612
2013	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$315,771
2013	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$280,995
2013	NORTHWESTERN UNIVERSITY	IL	R01AI075191	PSEUDOMONAS AERUGINOSA GENOMIC ISLANDS AND VIRULENCE	\$316,120
2013	NORTHWESTERN UNIVERSITY	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$649,247
2013	UNIVERSITY OF CHICAGO	IL	R01AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$400,045
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	T32AI078876	Infection Biology Training Grant	\$179,030

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2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI080705	REGULATION OF THE SALMONELLA PATHOGENICITY ISLAND 1 TYPE III SECRETION SYSTEM	\$341,118
2013	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	UM1AI069512	Units for HIV/AIDS Clinical Trials Networks	\$1,208,979
2013	LOYOLA UNIVERSITY OF CHICAGO	IL	R21AI101396	TARGETING P. FALCIPARUM GAMETOCYTES FOR DRUG DEVELOPMENT	\$166,263
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI095488	Peptide-Based Quorum Sensing Controlling Virulence in Bacillus anthracis	\$374,825
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097540	Role of ROS and Nrf2 in HHV-8 infection and pathogenesis	\$181,538
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI097670	NOVEL INDIGOID ANTI-TUBERCULOSIS AGENTS	\$239,250
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI092073	THE ROLE OF TRANSFERRIN RECEPTOR 1 IN HEPATITIS C VIRUS ENTRY	\$177,425
2013	NORTHWESTERN UNIVERSITY	IL	R21AI103433	Improving Food Allergy Management through an Electronic Physician Support Tool	\$226,625
2013	NORTHWESTERN UNIVERSITY	IL	R33AI094584	Cervical/Vaginal Mucus and Microbicides	\$466,471
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097830	Photo-inactivation of Leishmania for safe and effective delivery of surrogate vac	\$181,538
2013	NORTHWESTERN UNIVERSITY	IL	K24AI104831	Patient-Oriented Research on Hospital-Acquired Pathogens	\$100,048
2013	NORTHWESTERN UNIVERSITY	IL	K23AI100995	S. aureus and Regulatory T cells in the Failure of Oral Tolerance	\$130,493
2013	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$420,226
2013	NORTHWESTERN UNIVERSITY	IL	R01AI041985	Unconventional APC Inducing Autoimmune Th17 Cell Expansion in Lupus	\$363,075
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$365,261
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$639,785
2013	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$354,791
2013	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$1,990,908
2013	UNIVERSITY OF CHICAGO	IL	R01AI075258	ESAT-6 SECRETION IN STAPHYLOCOCCUS AUREUS	\$354,352
2013	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$1,219,391
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$129,384
2013	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$2,665,678
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI097529	DEVELOPMENT OF A FUNCTIONAL GENOMICS TOOLBOX FOR SCHISTOSOME PARASITES	\$191,250
2013	NORTHWESTERN UNIVERSITY	IL	R21AI097867	ROLE OF INNATE IMMUNITY AND INJURY IN TRANSPLANT-INDUCED REACTIVATION OF MCMV	\$231,750

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2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$428,193
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI095673	IMMUNE REGULATION OF MEMORY CD8 T CELLS	\$191,250
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI097809	ELUCIDATING THE ROLE OF THE NPC1L1 CHOLESTEROL UPTAKE RECEPTOR IN HCV INFECTION	\$188,750
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI098187	PROTECTION FROM ENTERIC PATHOGENS BY BENEFICIAL MICROBES	\$141,940
2013	UNIVERSITY OF CHICAGO	IL	R00AI095320	Role of Pattern Recognition Receptors in Protection Against Influenza Virus	\$249,000
2013	UNIVERSITY OF CHICAGO	IL	R01AI103342	A New Approach to Staphylococcus aureus Vaccine Development - Resubmission 01	\$517,000
2013	NORTHWESTERN UNIVERSITY	IL	P01AI106683	CHRONIC RHINOSINUSITIS INTEGRATIVE STUDIES PROGRAM (CRISP)	\$1,708,345
2013	NORTHWESTERN UNIVERSITY	IL	R21AI103451	CRISPR Cas genes and Legionella pneumophila infection	\$217,845
2013	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$193,966
2013	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	\$344,523
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$354,850
2013	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$152,798
2013	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$363,075
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K02AI081869	SIGNIFICANCE OF HEPARAN SULFATE IN HSV-1 SPREAD	\$106,191
2013	NORTHWESTERN UNIVERSITY	IL	R13AI095013	THE INTERNATIONAL WORKSHOP ON HIV DYNAMICS AND EVOLUTION	\$25,000
2013	UNIVERSITY OF CHICAGO	IL	F32AI093087	ORIGIN AND ADAPTATION OF INFLUENZA-SPECIFIC PLASMABLASTS	\$55,670
2013	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$358,375
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$369,819
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$358,100
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI101676	NMR-BASED DISCOVERY OF INFLUENZA HEMAGGLUTININ PROBES	\$187,413
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI100565	Immunomodulatory properties of umbilical cord blood	\$179,889
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI106590	Immune function and mechanism of Tim3 expression and Tim3+ T cells in TB & HIV+TB	\$200,000

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2013	UNIVERSITY OF CHICAGO	IL	R21AI107485	GATA4 as a window into the link between metabolism and immunity	\$195,160
2013	UNIVERSITY OF CHICAGO	IL	R56AI104303	E AND ID PROTEIN FUNCTION IN NATURAL KILLER T CELL DIFFERENTIATION	\$366,066
2013	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	K22AI104941	Critical roles of endogenous TLR signaling in driving Th17 effector responses	\$162,000
2013	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$344,567
2013	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$399,381
2013	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$354,352
2013	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$354,929
2013	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$543,941
2013	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$884,490
2013	UNIVERSITY OF CHICAGO	IL	R01AI078267	TRANSCRIPTIONAL CONTROL OF HEMATOPOIESIS	\$359,305
2013	NORTHWESTERN UNIVERSITY	IL	K08AI080836	ROLE OF NOVEL TH17 CELLS IN ALLOGRAFT REJECTION AND TOLERANCE	\$126,169
2013	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$354,791
2013	UNIVERSITY OF CHICAGO	IL	R01AI087645	Thymic B cells and T cell selection	\$420,747
2013	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$2,173,767
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI095795	IN VITRO DETECTION OF ANTI-TB LIVER METABOLITES IN EARLY DRUG DISCOVERY	\$234,820
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI099642	DEVELOPING COMPARATIVE AND FUNCTIONAL GENOMIC APPROACHES TO STUDY SCHISTOSOMA	\$193,948
2013	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$366,600
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI097160	DECIPHERING HOW ANESTHETICS INCREASE HOST SUSCEPTIBILITY TO MICROBIAL INFECTION	\$73,003
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI106328	Class switch recombination during early B cell development	\$224,895
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	UM1AI069554	Targeting High-Risk Women for HVTN and Microbicide Trials	\$491,748
2013	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI110369	The effect of the penile microbiome on BV, GUD, and genital epithelial trauma	\$426,185
2013	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI106024	"LLISA:'Liposome-Linked Immunosorbant Assay' for Detection of HIV Viral Load at Point-of-Care"	\$181,221
2013	MIDWESTERN UNIVERSITY	IL	R15AI101920	Mechanism(s) of CD8 T cell-mediated Chlamydia-induced reproductive pathology	\$459,396

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2013	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	K22AI104799	Multiscale Modeling of Pilin Subunit Recognition by Pneumococcus Sortase C enzymes	\$157,664
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$352,500
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$348,975
2013	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$375,966
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$343,817
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077564	PROPHAGE CONTRIBUTION TO THE VIRULENCE OF STAPHYLOCOCCUS AUREUS	\$283,759
2013	PURDUE UNIVERSITY	IN	K02AI085403	Modulation of Host Vesicle Trafficking by Legionella pneumophila	\$111,205
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090280	MOLECULAR BIOLOGY OF VIRAL CAPSIDS	\$317,341
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI104268	Specific killing of latently HIV-1-infected cells after provirus reactivation	\$195,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090077	Host determinants of alphavirus replication	\$342,230
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI104987	Inducible Antibiotic Resistance in Methicillin-Resistant Staphylococcus Aureus	\$400,363
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI089808	DISSECTING A NOVEL MECHANISM OF DRUG-INDUCED DEATH IN TOXOPLASMA GONDII	\$246,758
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI095814	ROLES OF PHOSPHATE UPTAKE IN PNEUMOCOCCAL ANTIBIOTIC RESISTANCE AND VIRULENCE	\$192,366
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI107055	Bifunctional Control of Yop Translocation by YopK	\$356,887
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI101628	STAT3 in T helper cell development	\$78,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI099010	CHARACTERIZATION OF A NOVEL C1Q-DEPENDENT ENGULFMENT PATHWAY IN AUTOIMMUNITY	\$110,116
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$352,572
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077688	THE BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	\$273,637
2013	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	\$313,327
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI098686	The role of lysine methylation in regulating the motility of Toxoplasma gondii	\$395,144
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$431,901
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI101624	CHARACTERIZATION OF CALCIUM SIGNALING PROTEINS IN TOXOPLASMA GONDII	\$78,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099825	DEVELOPMENT OF FOLLICULAR HELPER T CELL DEFICIENT MICE	\$219,960
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$358,281
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$263,759
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$403,487

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2013	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$545,696
2013	PURDUE UNIVERSITY	IN	R01AI095366	Structural studies of Togaviruses	\$603,767
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099753	REGULATING PULMONARY INFLAMMATION BY TYPE I IFN SIGNALING IN NEUTROPHILS DURING I	\$195,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099307	SIX NEW CHLAMYDIA EPITOPES	\$234,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI106435	Manipulation of host cell acetylome in AIDS opportunistic infection	\$195,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$262,572
2013	PURDUE UNIVERSITY	IN	R56AI103168	MOLECULAR MECHANISMS OF HOST FUNCTION EXPLOITATION BY TYPE IV EFFECTORS OF LEGION	\$327,275
2013	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$546,793
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$944,017
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$352,500
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI100542	Plasticity of IL-9-secreting T cells	\$32,229
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$366,600
2013	UNIVERSITY OF NOTRE DAME	IN	R21AI101459	GENETIC BASIS OF SALT TOLERANCE IN ANOPHELES GAMBIAE S.L.	\$176,250
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$358,281
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$358,281
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,025,270
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$204,943
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI080759	LYMPHOPOIETIC DEVELOPMENT IN THE EXTRA-EMBRYONIC YOLK SAC	\$332,591
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$430,622
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI079125	DIAPAUSE IN CULEX MOSQUITOES	\$561,238
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	\$1,458,013
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	\$378,349
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$352,500
2013	UNIVERSITY OF NOTRE DAME	IN	R03AI085485	ENGINEERING HETERO-BIVALENT LIGANDS TO INHIBIT IGE CLUSTERING ON MAST CELLS	\$75,000

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2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI097740	BATTLING AIDS VIA MECHANISTIC UNDERSTANDING OF THE TRNA PHE MODIFICATION ENZYME T	\$178,732
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI105786	Inhibition of phosphatase activity as a novel treatment for chronic toxoplasmosis	\$183,298
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$354,549
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	\$529,227
2013	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$314,226
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI104217	Characterizing the Role of Encapsidated Host Ribosomes in Alphavirus Infectivity	\$52,190
2013	UNIVERSITY OF NOTRE DAME	IN	R01AI106872	Role of N-alpha acetylation in mycobacterial secretion and virulence	\$357,200
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI027863	PATHOGENESIS OF HAEMOPHILUS DUCREYI INFECTIONS	\$615,790
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI101242	Development of a Drosophila model to study vector colonization by Yersinia pestis	\$195,000
2013	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI102873	Assembly of a Dodecahedral Virus	\$73,079
2013	AARDEN PHARMACEUTICALS INC	IN	R41AI106123	INHIBITORS OF MYCOBACTERIAL PROTEIN TYROSINE PHOSPHATASE B (MPTPB) FOR THERAPY OF	\$249,269
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI103851	Role of HTLV-I Tax-induced NF-kB in activation of ICN1 and immortalization of vir	\$188,750
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI103711	Development and Validation of Conditional Gene Expression Systems in Chlamydia	\$219,848
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	F32AI104154	Effects of Blood Meal on Cellular Immunity in Mosquitoes	\$55,670
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$122,931
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$152,527
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI090085	CRYOEM ANALYSIS OF ANTHRAX TOXIN PORE COMPLEXES	\$352,500
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI097355	Characterization of hantavirus N protein-mediated translation mechanism	\$226,500
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI092266	REVERSE VACCINOLOGY OF ENTEROTOXIGENIC E. COLI	\$211,500
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI091972	Arbovirus midgut escape mechanisms	\$618,860
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI097647	HDV SPREAD DURING CHRONIC INFECTION AS A NOVEL TARGET FOR ANTIVIRAL INTERVENTION	\$212,910

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2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$354,850
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	U01AI081891	DEVELOPMENT OF NOVEL THERAPEUTIC AGENTS FOR NOROVIRUS INFECTION	\$895,635
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI095236	Identification and characterization of inhibitors for hantavirus replication	\$352,970
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R56AI070908	VECTOR AND HOST CONTRIBUTIONS TO THE REGULATION OF E. CHAFFEENSIS GENE EXPRESSION	\$425,535
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K02AI093675	Structure-function analyses of siderophore biosynthetic enzymes	\$106,920
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI094797	Characterization of PTMs on Env to support HIV vaccine development	\$343,103
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$353,081
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI099002	Bacterial effectors targeting the IKK/NF-kB pathway	\$88,125
2013	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI099696	Persistence of hepatitis delta virus infection in absence of HBV replication	\$188,750
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI090062	Signaling pathways for tick salivary secretion	\$275,458
2013	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI095842	The function(s) of serpin-2 in mosquito immunity and physiology	\$347,607
2013	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R33AI082697	Biomechanical and Computational Molecular Design of Microbicide Delivery Systems	\$391,571
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$198,315
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI099509	Host glycosyltransferases in the glycosylation of Toxoplasma proteins	\$185,625
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI095811	GENETIC REGULATION OF MACROPHAGE POLARIZATION	\$171,263
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$337,425
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Novel aminoglycoside adjuvants and stand-alone agents to combat tuberculosis	\$403,574
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI108234	Autumn Immunology Conference	\$8,000
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI103717	Targeting functional assembly of the bacterial multidrug efflux transporter	\$206,847
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$336,888
2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$348,975

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2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$773,368
2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	\$408,941
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI106260	Borrelia burdorferi Ebfc regulon	\$155,250
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In Vitro Glycorandomization of Natural Products	\$343,447
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$348,975
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI025098	PLAGUE BIOFILM FORMATION--REGULATION AND FUNCTION	\$279,717
2013	PARATECHS CORPORATION	KY	R43AI102326	Enhanced baculovirus vectors with higher titers and increased genome stability	\$216,247
2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI103980	Identification of diagnostic markers for lupus nephritis	\$235,775
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI101373	Role of Rapid IFN γ Secretion by CD $^{+}$ T cells in Clearance of Food Borne Listeria	\$343,276
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$290,092
2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI107978	Farnesylated effectors of Legionella	\$211,500
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$341,252
2013	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI097608	Identification of host factors required for Yersinia pestis macrophage infection	\$210,068
2013	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI098371	CONTRIBUTION OF N-GLYCOSYLATION TO THE TOXOPLASMA GLYCOPROTEOME	\$180,193
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$337,425
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI092159	THE FUNCTIONAL ROLE OF DRH-1 IN RNAI DIRECTED VIRAL IMMUNITY	\$74,000
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$366,488
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI103912	Evasion of complement-mediated killing by pathogenic rickettsial species	\$222,000
2013	LOUISIANA ST UNIV, PENNINGTON BIOMEDICAL RES CTR	LA	R56AI105097	Thymic adipogenesis and age-related thymic demise	\$1
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R56AI099008	NANOCARRIERS FOR VACCINE DELIVERY	\$565,504
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$487,977
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI103466	Rational Approach to Optimize Immune Potency of DNA Vaccines	\$205,085

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2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$340,880
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$689,731
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	\$353,675
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI110373	Prevention of HIV transmission/acquisition through informed contraceptive choice	\$491,200
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI103106	IL-28B genotype and HCV treatment clearance	\$353,675
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$337,425
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI099431	MUCOADHESIVE POLYMERS FOR SUBLINGUAL VACCINE DELIVERY	\$225,750
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	\$779,237
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OspC regulation and pathogenic strategy of Borrelia burgdorferi	\$340,880
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$264,639
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI093307	IDENTIFICATION AND ERADICATION OF HIV TISSUE RESERVOIRS IN A RELEVANT ANIMAL MODE	\$752,478
2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI097664	A NEW CLASS OF BROAD SPECTRUM ANTIFUNGAL AGENTS	\$177,500
2013	CHILDREN'S HOSPITAL	LA	R03AI107536	Synthetic glycopeptide vaccines that enhance resistance to candidiasis	\$81,926
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$700,169
2013	TULANE UNIVERSITY OF LOUISIANA	LA	F31AI094972	The Effects of Antibodies on Vascular Permeability in Dengue Virus Infection	\$38,832
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI104621	Antibody immunotherapeutics for biodefense against Lassa virus	\$1,337,737
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI103343	Organ-specific CD4 T cell responses regulate Salmonella persistence	\$353,675
2013	TULANE UNIVERSITY OF LOUISIANA	LA	K22AI103067	The antiviral role of mosquito ubiquitin Ub3881 during dengue infection	\$162,000
2013	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI082119	PRECLINICAL DEVELOPMENT OF RECOMBINANT ANTIGEN DIAGNOSTICS FOR LASSA FEVER	\$1,237,152
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI083563	Congenital Transmission of Lineages I and II of Trypanasoma cruzi	\$474,035
2013	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,489,336

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2013	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI101174	REGULATION OF HSV-1 GENE EXPRESSION AND REACTIVATION BY INSULATOR PROTEIN CTCF	\$346,839
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$338,841
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI089323	Genetic Requirements for the survival of Tubercle Bacilli in Nonhuman Primates	\$730,427
2013	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$206,063
2013	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R56AI104923	ARTHROPOD HOST-DEPENDENT INFLUENCE ON RICKETTSIAL PATHOGENICITY	\$345,336
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI101427	Malaria Vaccine Adjuvant Immunogenicity and Safety	\$178,911
2013	TULANE UNIVERSITY OF LOUISIANA	LA	R13AI104216	OPENING A NEW LASSA FEVER WARD IN KENEMA SIERRA LEONE	\$8,000
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039759	ASTHMA, AIRWAY INFLAMMATION AND BETA CHEMOKINE RECEPTORS	\$400,764
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$371,935
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$408,900
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$1,912,528
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$483,904
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,087,312
2013	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$569,292
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$171,046
2013	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$156,870
2013	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$227,053
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$721,315
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U24AI082660	GENERATION OF A COMPREHENSIVE PANEL OF REAGENTS FOR RESEARCH ON SCAVENGER RECEPTO	\$564,699
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	Disease Initiation and the role of DCs in the TRUC Model of ulcerative colitis	\$125,199
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T-CELLS	\$378,883
2013	UNIVERSITY OF MASSACHUSETTS	MA	U24AI082663	TLR ECTODOMAINS FOR MICROBIAL DETECTION AND THERAPEUTICS	\$528,030
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$395,387
2013	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,028,707

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2013	PULMATRIX INC	MA	U01AI082115	INHALED AEROSOLS FOR PREVENTION AND TREATMENT OF RESPIRATORY INFECTIONS	\$102,851
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$494,393
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081842	Molecular Mechanisms of Rhabdovirus Entry	\$388,699
2013	TUFTS UNIVERSITY	MA	R01AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$383,732
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$397,934
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$195,621
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$391,012
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081843	Significance of Bacteroides fragilis polysaccharide phase variation	\$362,794
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089972	Peripheral B Cell Receptor Editing	\$137,080
2013	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$445,455
2013	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	\$995,211
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	\$392,911
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$3,505,351
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center for the AIDS Clinical Trials Group	\$8,004,235
2013	TUFTS MEDICAL CENTER	MA	R21AI097971	Role of Endosomal Localization in Toll-like receptor 2 Responses to Borrelia	\$238,500
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083505	ITK: an emerging target for treatment of T cell-mediated autoimmune disease	\$533,260
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The Role of Hepoxilin A3 in Neutrophil Breach of the Infected Airway Mucosa	\$412,928
2013	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$571,624
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI097699	REGULATORY MECHANISMS OF THE MDA5-MEDIATED ANTIVIRAL INTERFERON RESPONSE	\$262,500
2013	MICROBIOTIX, INC	MA	R43AI106093	Inhibitors of isoprenoid synthesis for antibacterial therapy	\$300,000
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI099435	IGG GLYCOSYLATION ABNORMALITIES IN PEDIATRIC IMMUNODEFICIENCY	\$223,125
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$535,347
2013	TUFTS UNIVERSITY	MA	R21AI101403	MOTOR NEURON-TARGETED ADENOVIRUS ANTIDOTES FOR BOTULISM	\$231,510
2013	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	\$132,705

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	TUFTS UNIVERSITY	MA	F32AI098358	Type VI Protein Secretion in an Emerging Multidrug-Resistant Pathogen	\$55,670
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI099860	SIGNALING NETWORKS CONTROLLING INNATE IMMUNE RESPONSES TO CYTOSOLIC DNA	\$211,875
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI089350	Novel Strategy for HIV Drug Resistance Monitoring in Developing Countries.	\$300,857
2013	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI098159	ENZYMATIC MODIFICATION OF ANTI-DEC205 TO MANIPULATE ITS IMMUNOGENIC PROPERTIES	\$229,125
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$133,771
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	UM1AI069516	Western New England Maternal Pediatric Adolescent AIDS Clinical Trials Unit	\$679,325
2013	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$3,468,248
2013	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$648,792
2013	TUFTS UNIVERSITY	MA	F31AI108217	Forward Genetic Analysis of type I interferon responses to cytosolic nucleotides	\$37,828
2013	SERACARE LIFE SCIENCES INC	MA	R43AI098567	RAPID TEST FOR RECENT HIV INFECTION AND INCIDENCE PANELS FOR ASSAY EVALUATION	\$299,493
2013	BOSTON UNIVERSITY	MA	U01AI100805	Phase 2 Pharmacodynamic Study of High-dose Levofloxacin in MDR-TB Treatment	\$1,536,203
2013	TUFTS UNIVERSITY	MA	R21AI107640	Role of Bile Acids in Human Susceptibiity to Clostridium difficile Infection	\$255,581
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI101291	Merging Microfluidics and Metagenomics for Novel High - throughout Virus Discovery	\$259,200
2013	TUFTS UNIVERSITY	MA	R56AI097378	GROWTH FACTOR MIMICRY IN TRYPANOSOMA CRUZI INVASION OF THE HEART	\$387,750
2013	MICROBIOTIX, INC	MA	R43AI104046	Aminoglycoside potentiators for P. aeruginosa therapy	\$300,000
2013	BROAD INSTITUTE INC	MA	R21AI105936	A "radical" approach to tuberculosis infection	\$233,550
2013	BOSTON UNIVERSITY	MA	R56AI104393	Elucidating Non-Virus Encoded HIV Capture through Artificial Virus Nanoparticles	\$384,695
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI098558	Antiretroviral drug resistance in KwaZulu Natal	\$516,543
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI106488	Crystallographic studies of intact and fully glycosylated HIV-1 gp120	\$412,621
2013	Charles Stark Draper Laboratory, Inc.	MA	R56AI106939	Developing High-Throughput Assays for DRACO Broad-Spectrum Antiviral Molecules	\$448,949
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI104344	Same-Day HIV Testing and Treatment Initiation to Improve Retention in Care	\$663,235
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI099105	Genetic Variation and Evolution of Artemisinin Resistance	\$656,975

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2013	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI103082	DEFINING NON-TRANSCRIPTIONAL INNATE IMMUNE RESPONSES TO BACTERIAL ENDOTOXIN	\$411,250
2013	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R03AI103868	Botulinum Neurotoxin Trafficking and Tissue Distribution with Mouse Body Imaging	\$77,166
2013	BOSTON COLLEGE	MA	R21AI099658	The role of the DOC2.1 protein in Toxoplasma gondii Ca2+- dependent exocytosis	\$183,888
2013	IMMUNETICS, INC	MA	R43AI108377	Clade C-specific HIV assay to distinguish true infection from vaccine-induced ser	\$299,478
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI105607	Control of Treg Homeostasis and Function by the Lipid Phosphatase PTEN	\$248,570
2013	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$380,035
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,761,778
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$323,847
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$385,047
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039246	Complement system and humoral immunity	\$448,802
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$583,209
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$398,445
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$411,250
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$636,550
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$407,673
2013	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$408,900
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$432,257
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$391,275
2013	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$390,981
2013	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$1,122,024
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084657	ELUCIDATING THE ROLE OF T-REGS IN ENGRAFTMENT, GVHD, AND DLI IMMUNOTHERAPY	\$395,697
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$400,764
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$364,330
2013	BETH ISRAEL HOSPITAL	MA	R01AI084794	IMPACT OF HIV ENVELOPE CONFORMATION ON IMMUNOGENICITY	\$753,871

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2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI083510	Functional role of RAG2 H3K4me3 interaction in V(D)J recombination	\$411,791
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$464,300
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$359,825
2013	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,100,193
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$974,931
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$16,497,033
2013	INTELLIGENT BIO-SYSTEMS INC	MA	R44AI074232	NOVEL DIAGNOSTIC SEQUENCING SYSTEM FOR HIV RESISTANCE TESTING	\$977,698
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	\$411,250
2013	BOSTON UNIVERSITY	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Fever	\$836,193
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$379,525
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$428,057
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$338,198
2013	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$6,572,396
2013	MICROBIOTIX, INC	MA	R43AI100332	OPTIMIZATION OF NOVEL PYRANOPYRIDINE EFFLUX PUMP INHIBITORS	\$279,022
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI103407	Regulation of NETosis in antibacterial lung defense	\$306,250
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI094932	Modification of host proteins during Chlamydia infection	\$53,942
2013	AMBERGEN	MA	R43AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$298,459
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI104711	Structure and Mechanism of Programmed Ribosomal Frameshifting in SARS coronavirus	\$357,435
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI108147	The Molecular Mechanism of Tim-3-mediated T Cell Dysfunction	\$53,942
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K01AI102944	Understanding spatial heterogeneity of drug resistant tuberculosis	\$128,403
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102634	Dynamic strategies for the clinical management of HIV disease	\$535,214
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$383,403
2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI103650	Human Monoclonals to Dengue Virus	\$234,648

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2013	BETH ISRAEL HOSPITAL	MA	R03AI103521	Development of Robust Culture Systems for the Human Splenic Littoral Cell	\$87,000
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$775,402
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI106468	Limiting HIV-1 persistence by targeting stem cell properties of CD4 T cells	\$204,450
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI102945	Self and dietary lipid antigens for invariant natural killer T cells	\$184,020
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	\$136,440
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI103352	NLRP1 ACTIVATION INDUCES DELETION OF HEMATOPOIETIC PROGENITOR CELLS	\$411,250
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U19AI107774	Decoding the roles of critical genes of unknown function in M. tuberculosis	\$2,721,883
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI105328	A forward genetic screen to identify determinants of malaria stage conversion	\$248,841
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Immune Responses to Vibrio cholerae infection and vaccination in Haiti	\$670,764
2013	BOSTON MEDICAL CENTER	MA	R01AI103400	Gonococcal Vaccine Evaluation in a Humanized Mouse Model	\$589,507
2013	TUFTS UNIVERSITY	MA	R21AI107587	Stx-mediated disease and immunomodulatory effectors of enterohemorrhagic E.coli	\$203,357
2013	TUFTS UNIVERSITY	MA	R13AI108148	MEETING ON THE PATHOGENESIS OF CLOSTRIDIA	\$7,000
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI052353	CysLT and P2Y Receptors in Lung Inflammation	\$452,154
2013	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI108710	Enterococcal Pathogenesis:Role of Cytolysin	\$385,009
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R34AI106569	Tuberculosis Immunization to Prevent Infection (TIPI)	\$271,098
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$1,061,694
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$465,973
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$487,639
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$390,399
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$396,365
2013	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$380,848
2013	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$1,747,633
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$378,883
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$492,352
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059746	SYNOVIAL MAST CELLS IN INFLAMMATORY ARTHRITIS	\$397,017

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2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	Cellular Immunity to Category A-C Viruses in Humans	\$2,955,191
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084987	REGULATION OF CONVENTIONAL VERSUS INNATE CD8+ T CELL DEVELOPMENT	\$382,709
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$463,303
2013	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$705,263
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084753	MECHANISMS AND OPTIMIZATION OF EPITOPE PRESENTATION BY HIV-INFECTABLE CELL SUBSET	\$407,673
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$379,935
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$598,721
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI084785	STRUCTURAL APPROACHES TO HIV-1 IMMUNOGEN DESIGN FOR BNAB GENERATION	\$540,633
2013	BRANDEIS UNIVERSITY	MA	R01AI080791	MULTISCALE MODELING OF MECHANISMS FOR VIRAL CAPSID ASSEMBLY AND POLYMORPHISM	\$215,675
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI090735	NATURAL KILLER CELLS AND CONTROL OF SIV INFECTION	\$710,669
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI074957	REGULATORY TARGETS OF P38 MAP KINASE IN INFLAMMATION	\$357,584
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	\$133,515
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$403,066
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$393,143
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI097612	DEVELOPMENT AND APPLICATION OF A TOOLBOX OF BIOFILM MATRIX ASSOCIATION MODULES	\$204,450
2013	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$614,558
2013	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,495,269
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI100023	IMPROVING DIAGNOSTIC CAPABILITIES FOR TYPHOID FEVER	\$196,385
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI095109	Engineered lipid vesicles as potent vaccine vectors for HIV	\$300,750
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$18,209
2013	BOSTON UNIVERSITY	MA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$291,162
2013	BRANDEIS UNIVERSITY	MA	R01AI090745	Rational and Combinatorial Design of Immunogens to Elicit 2G12-like Antibodies	\$397,874
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077558	Cytoadherence and sequestration in malaria transmission stages	\$380,383

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2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI097759	ANTIBIOTIC PRESCRIBING FOR ACUTE RESPIRATORY INFECTIONS: IMPACT OF SHIFTS IN CARE	\$245,138
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI098308	Identification of HIV-1 Restriction Factors through Functional Genomic Screens	\$15,880
2013	MICROBIOTIX, INC	MA	R43AI098263	INHIBITORS OF WALL TEICHOIC ACID BIOSYNTHESIS OF STAPHYLOCOCCUS AUREUS	\$295,399
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	\$531,480
2013	TUFTS UNIVERSITY	MA	R21AI097728	ANALYSIS OF THE INTERPLAY BETWEEN CELL ADHESION AND BACTERIAL PROTEIN TRANSLOCATI	\$206,250
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$391,667
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI093059	A study of the functional determinants of a Plasmodium falciparum invasion ligand	\$55,670
2013	FENWAY COMMUNITY HEALTH CENTER	MA	UM1AI069480	Clinical Trial Unit for HIV Prevention and Microbicide Research	\$944,912
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$248,902
2013	MICROBIOTIX, INC	MA	R01AI099269	Validating targets in p. aeruginosa type III secretion using chemical probes	\$804,173
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$379,525
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI050872	Structural & Functional Studies of TLR/IL-1R Signaling	\$408,900
2013	MICROBIOTIX, INC	MA	R44AI072861	Identification of Novel Broad Spectrum Influenza Virus Inhibitors	\$1,000,000
2013	TUFTS UNIVERSITY	MA	R34AI097083	INTEGRATED PRIMARY PREVENTION & CHEMOTHERAPY: UROGENITAL SCHISTOSOMIASIS CONTROL	\$234,373
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI098307	C. elegans immune defense against the P. aeruginosa toxin Exotoxin A	\$52,190
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100315	Role of DOCK8 in B Cell Function	\$411,250
2013	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI102292	A MUCOSAL RSV VACCINE	\$300,000
2013	BOSTON UNIVERSITY	MA	R21AI100180	DEVELOPMENT OF NOVEL FIELD-APPROPRIATE DIFFERENTIAL DIAGNOSTICS OF MULTIPLE PATHO	\$222,129
2013	FRAUNHOFER USA INC	MA	R01AI101446	Microfluidic platform for stress-induced rapid antibiotic susceptibility testing	\$370,833
2013	BOSTON COLLEGE	MA	R03AI107475	Organization of Toxoplasma invasion and cell division by EF-hand proteins	\$78,250
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI107425	Modulation of Dectin-2 as a Therapeutic Approach to Dust Mite-Elicited Asthma	\$204,633
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI107097	Novel Immunodeficiency caused by TFRC Mutation	\$245,340

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2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$419,475
2013	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$380,700
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050892	SEQUENTIAL CONTROL OF NEUTROPHIL RECRUITMENT BY LTB4 AND OTHER CHEMOATTRACTANTS	\$407,673
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$1,539,678
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$405,080
2013	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$689,130
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$204,450
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$9,785,208
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$747,473
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$402,922
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$847,330
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,238,711
2013	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$230,831
2013	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$408,900
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$181,642
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$379,267
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Host factors in Shigella flexneri infection	\$475,436
2013	MICROBIOTIX, INC	MA	U01AI082052	DEVELOPMENT OF A NOVEL LEAD SERIES AGAINST CATEGORY A & B BACTERIAL PATHOGENS	\$884,280
2013	NORTHEASTERN UNIVERSITY	MA	R01AI085585	SUPER-PERSISTENT CELLS AND THE PARADOX OF UNTREATABLE INFECTIONS	\$1,036,169
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI079260	Structural and functional studies of the IkappaB kinase (IKK) complex	\$360,688
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI075037	STUDIES OF FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$400,764
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$388,133
2013	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$404,894
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$137,160

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2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$136,350
2013	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$122,407
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI085033	Identifying essential functions in non replicating Mycobacterium tuberculosis	\$137,295
2013	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$453,668
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	\$1,025,389
2013	TUFTS MEDICAL CENTER	MA	R01AI083459	Using natural antibodies to improve vaccines	\$382,477
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	\$766,388
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$2,728,785
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	\$753,856
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089339	A MICROENGRAVING TECHNOLOGY FOR THE STUDY OF LATENTLY HIV-INFECTED PRIMARY CELLS	\$380,568
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090698	PROTECTIVE ROLE OF SUBDOMINANT RESPONSES TO HIV RESTRICTED BY COMMON HLA ALLELES	\$480,286
2013	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$1,086,687
2013	BOSTON COLLEGE	MA	R21AI100216	A MULTIPLEX NANODIAGNOSTIC ARRAY FOR DETECTION OF EMERGING PATHOGENS	\$215,970
2013	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$404,811
2013	SPRING BANK TECHNOLOGIES INC	MA	R01AI094469	Preclinical Development of SB 44 as an Orally Bioavailable Anti-HBV Agent	\$687,555
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084884	Mechanisms of anti-fungal immunity mediated by SCARF1 and CD36	\$391,351
2013	BOSTON UNIVERSITY	MA	R21AI101442	Multimodal imaging of antibody-mediated therapy during acute viral encephalitides	\$247,005
2013	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$441,726
2013	UNIVERSITY OF MASSACHUSETTS	MA	F32AI093049	EXOGENOUS CARBOHYDRATES ARE REQUIRED FOR SURVIVAL FOR M. TUBERCULOSIS	\$55,670
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$545,328
2013	TUFTS UNIVERSITY	MA	R03AI095893	RNAI-BASED FUNCTIONAL ANALYSIS OF SCHISTOSOME CD59-LIKE AS COMPLEMENT REGULATORS	\$82,500
2013	BIOHELIX CORPORATION	MA	R43AI098393	LOW-COST, RAPID QUANTITATIVE ISOTHERMAL ASSAY FOR HIV RNA USING ZNA	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$403,045
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$749,734
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$52,190
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI102590	Label-free HIV-1 Viral Load Measurement through a Contactless Electrode Microchip	\$53,942
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$98,855
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$408,900
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI098485	Lentiviral Resistance to Tetherin	\$143,570
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099081	CHROMATIN AND HERPES SIMPLEX VIRUS LATENCY	\$464,477
2013	ARIETIS CORPORATION	MA	R44AI102452	Narrow-spectrum Agents Acting against Helicobacter pylori	\$1,000,000
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	\$2,289,159
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI105902	Interruption of Signaling-Mediated Bacterial Persistent Infections	\$239,227
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$807,102
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI102223	HOST VASCULAR MECHANISM FOR THERAPEUTIC PROTECTION AGAINST SELECT PATHOGENS	\$226,137
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095305	The opportunist Candida albicans: yeast proliferation and nutritional signaling	\$411,250
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$328,154
2013	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$414,710
2013	BETH ISRAEL HOSPITAL	MA	R56AI098129	THE ROLE OF RIAM IN T CELL IMMUNITY AND TOLERANCE	\$408,900
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$1,057,967
2013	BOSTON UNIVERSITY	MA	R01AI099100	Shifting a Paradigm in Vaccine Safety: From Empirical to Rational Attenuation	\$377,510
2013	BOSTON MEDICAL CENTER	MA	R21AI102774	NEUTRALIZING AND NON-NEUTRALIZING ANTIBODIES PROTECTION FROM BREAST MILK HIV-1	\$198,575
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI101170	Role of NK Cells in GBV-B Infection: Modeling HCV Clearance and Control	\$262,500
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K24AI106822	Midcareer Investigator Award: Urban School Allergen Exposures and Childhood Asthm	\$183,061

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2013	TUFTS UNIVERSITY	MA	R25AI098781	Modeling for Fidelity: Mentored Dissemination of a Novel Curriculum about Infecti	\$187,979
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI105896	Antagonizing miRNAs in a strategy to cure HSV latency	\$265,099
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI101150	TIM MOLECULES AND THE INNATE: ADAPTIVE INTERFACE IN ALLOIMMUNITY	\$312,374
2013	BOSTON UNIVERSITY	MA	R21AI103484	Trehalose-6-phosphate phosphatase: a target for anti-onchocerciasis therapeutics	\$253,842
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI103480	Identification of protective pneumococcal antigens from a surface protein library	\$218,265
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI104415	ACTIVATION OF NF-KB BY THE CYTOPLASMIC DOMAINS OF HIV AND SIV GP41	\$392,996
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI106878	O-Specific Polysaccharide Responses and Cholera	\$593,824
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI111595	Generation and Function of NK Cell Memory	\$784,741
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI104695	INNATE RESPONSE ACTIVATOR B CELLS IN BACTERIAL LUNG INFECTION	\$402,747
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$408,900
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$596,809
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$315,009
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$444,227
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$494,558
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$402,053
2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI100766	The effect of type I IFN and IL-12 signaling on T cell immunity to tuberculosis	\$208,125
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$384,268
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$388,674
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$396,267
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$427,022
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$408,407
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$378,883
2013	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$383,873
2013	BOSTON UNIVERSITY	MA	K22AI093793	THE ROLE OF HMGA1 PROTEINS IN MODULATING NF-KB-DEPENDENT GENE REGULATION	\$106,773
2013	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$2,366,966

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2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$463,443
2013	BOSTON UNIVERSITY	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$1,498,183
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$2,543,579
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: Gene Expression and Regulation in Immune Cells	\$967,676
2013	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$360,457
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083713	ROLE OF PISA; A PYHIN FAMILY MEMBER IN INTRACELLULAR DNA RECOGNITION	\$378,883
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$1,715,563
2013	BOSTON UNIVERSITY	MA	U01AI082954	EARLY HOST IMMUNE RESPONSE IN PROTECTION AGAINST FILOVIRUS INFECTION	\$624,821
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$2,947,202
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$340,995
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI081534	POINT-OF-CARE RAPID BLOOD TESTING USING MICROFLUIDIC DEVICES	\$411,128
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$624,875
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$626,908
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI092967	Molecular Mechanisms of Modulation of N-WASP activity	\$46,000
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$719,582
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	\$133,515
2013	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$1,108,246
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$536,043
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$444,655
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$137,085
2013	IMMUNETICS, INC	MA	R44AI080021	CONFIRMATORY IMMUNOBLOT TEST FOR CHAGAS' DISEASE	\$752,307
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI097691	INTERFERON GAMMA-MEDIATED RESTRICTION OF SHIGELLA FLEXNERI REPLICATION	\$233,271
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	\$388,340
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI100501	Utilizing a novel liquid-killing assay to gain insight into C. elegans immunity	\$53,942
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$408,900

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2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire	\$398,325
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$499,762
2013	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	\$526,341
2013	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	\$738,360
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI099689	ROLE OF HOST CELL METABOLISM IN SUPPORTING INTRACELLULAR TRYPANOSMA CRUZI GROWTH	\$201,875
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	\$2,647,924
2013	MICROBIOTIX, INC	MA	R43AI098247	INHIBITORS OF S. AUREUS BNOS FOR ADJUNCTIVE THERAPY	\$290,500
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	\$372,710
2013	AURITEC PHARMACEUTICALS LLC	MA	R41AI104549	AN INTRAVAGINAL RING FOR REAL-TIME EVALUATION OF ADHERENCE TO TOPICAL VAGINA	\$211,862
2013	ARIETIS CORPORATION	MA	R43AI098327	COMPOUNDS TO TREAT HELICOBACTER PYLORI INFECTION	\$290,070
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI091684	SIGN RECEPTORS AND THE ANTIINFLAMMATORY ACTIVITY OF SIALYLATED IGG FCS	\$108,000
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$137,160
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$389,955
2013	MICROBIOTIX, INC	MA	R44AI068185	TYPE III SECRETION INHIBITORS FOR ANTI-INFECTIVE THERAPY	\$978,562
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI097881	STRESS-POTENTIATED SCREENING TO IDENTIFY NOVEL INHIBITORS OF M. TUBERCULOSIS	\$204,450
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	\$383,707
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI101010	Epidemiology and modeling of the population dynamics of influenza and antimicrobi	\$126,873
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097613	ELUCIDATING PSEUDOMONAS AERUGINOSA NON-CANONICAL TWO COMPONENT SYSTEM SIGNALING	\$217,500
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R03AI097724	PHENOTYPIC CHARACTERIZATION OF ITM2A-DEFICIENCY IN T CELLS	\$86,895
2013	BETH ISRAEL HOSPITAL	MA	R01AI095308	Characterization of new Ca2+ channels that underpin immunological decision making	\$408,900
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI106945	School-based air pollution and asthma morbidity in Inner City School Children	\$182,876

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2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI099988	FUNCTION OF THE AID C TERMINUS IN IG CLASS SWITCHING	\$235,001
2013	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$802,036
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104459	Identification and Inference for Longitudinal Causal Mediation Analysis in HIV	\$379,525
2013	TUFTS MEDICAL CENTER	MA	R13AI104231	13th International Conference on Lyme Borreliosis and Other Tick-borne Diseases	\$8,000
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI106406	Decreasing Interruptions and Losses from HIV Care in Nigeria	\$185,211
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI104182	The Role of Basophils in Adaptive Immunity	\$59,432
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI098681	Viral And host mechanisms that tilt the HSV lytic/latent balance	\$1,487,450
2013	BETH ISRAEL HOSPITAL	MA	R37AI049954	Gene transcription in SLE	\$391,500
2013	UNIVERSITY OF MASSACHUSETTS	MA	F32AI108414	Molecular and functional correlates of HIV-1 transmission in MTCT	\$52,190
2013	BETH ISRAEL HOSPITAL	MA	R56AI015066	CELL SURFACE RECEPTORS ON T CELLS AND MACROPHAGES	\$317,450
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI104767	Genomic epidemiology of Neisseria gonorrhoeae with elevated MICs to cefixime	\$185,220
2013	BOSTON UNIVERSITY	MA	R01AI102931	Development and Treatment of Pre-Clinical EHEC Models with HUS	\$384,695
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097052	Migratory Properties of HIV-infected T cells in vivo	\$564,456
2013	BOSTON UNIVERSITY	MA	R01AI048082	Glycobiology of Giardia	\$472,867
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$507,450
2013	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,791,565
2013	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$387,750
2013	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	\$1,813,970
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$668,466
2013	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$459,808
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Program	\$422,337
2013	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$786,415
2013	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$557,384
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$344,438
2013	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$129,686
2013	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$2,026,557
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$137,648

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2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI078287	HOW CELL DEATH AND STERILE PARTICULATES STIMULATE INFLAMMATION AND DISEASE	\$378,883
2013	NORTHEASTERN UNIVERSITY	MA	R01AI076372	A SYNERGY-BASED THERAPY AGAINST C. DIFFICILE	\$499,908
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083503	IMMUNODEFICIENCY CAUSED BY MUTATIONS IN LRRC8	\$400,764
2013	FRAUNHOFER USA INC	MA	R01AI090815	Bacterial Drug Susceptibility Identification by Surface Enhanced Raman Microscopy	\$719,370
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$388,761
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$398,209
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$767,871
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090867	INDUCING NEUTRALIZING ANTIBODIES TO HIV BY INHIBITING SIAE	\$557,145
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099473	Human copy number polymorphism and severe malaria	\$554,304
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,604,499
2013	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$404,811
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$401,787
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$137,970
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI094363	A CELLULAR CHIP FOR HIGH-THROUGHPUT MEASUREMENTS OF SINGLE, GROWING CELLS	\$110,555
2013	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI096791	UV-BASED APPROACH FOR ACCESSING NEW ANTIBIOTICS	\$299,973
2013	UNIVERSITY OF MASSACHUSETTS	MA	R21AI094074	ENHANCING TB VACCINE WITH GENE SILENCING	\$246,750
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$1,142,014
2013	IMMUNETICS, INC	MA	R43AI102343	Molecular Detection of Invasive Fungal Infections	\$299,890
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI104523	Functional Role of O-Glycosylation of HIV-1	\$52,612
2013	TUFTS MEDICAL CENTER	MA	F32AI098388	UNCOVERING B. BURGDORFERI VIRULENCE DETERMINANTS BY NEXT GENERATION SEQUENCING	\$55,557
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$2,200,921
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI098705	MULTIPLEXED TARGETING OF PSEUDOMONAS AERUGINOSA ESSENTIAL OUTER MEMBRANE PROTEINS	\$233,141
2013	AURITEC PHARMACEUTICALS LLC	MA	R44AI081552	PRECLINICAL DEVELOPMENT OF A TENOFOVIR INTRAVAGINAL RING FOR HIV PROPHYLAXIS	\$975,223

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2013	NETWORK BIOSYSTEMS INC	MA	R44AI084206	A Rapid Point-of-care Diagnostic for C. trachomatis STDs	\$1,000,000
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI100278	EFFECTS OF LYMPHANGIOGENESIS BLOCKADE ON SKIN ALLOGRAFT REJECTION	\$200,850
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI107360	Restoring Immune Function Following Radiation Injuries by TLR9 Agonist Treatment	\$584,281
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI104956	Targeting the reproductive interactome of the malaria vector Anopheles gambiae	\$522,076
2013	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R21AI107248	Identification of infection-critical S. aureus traits by TnSeq	\$230,065
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI106786	Ecological and genetic contributions to the spread of resistance in pneumococcus	\$597,670
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI098696	TARGETING THE OUTER MEMBRANE PROTEIN TRANSLOCATION PATHWAYS	\$200,844
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI102660	Tuning Fc-effector functions of HIV-specific antibodies	\$672,460
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI100902	PROBES FOR FLUIDS IN BACTERIAL SWARMS	\$198,575
2013	TUFTS UNIVERSITY	MA	K22AI099087	SIGNAL TRANSDUCTION IN THE MAJOR QUORUM-SENSING CIRCUIT OF VIBRIO CHOLERAE	\$105,700
2013	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$579,565
2013	BOSTON UNIVERSITY	MA	R21AI105944	Novel TB Treatment Strategy - Optimization of Macrophage Responsiveness to IFNy	\$223,112
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI107678	Laser-based powder vaccine delivery for improved newborn immunization	\$200,972
2013	BOSTON MEDICAL CENTER	MA	R01AI097117	Transcription mechanisms that contribute to HIV-1 latency	\$412,458
2013	BETH ISRAEL HOSPITAL	MA	R01AI106478	Mechanism of Potent Neutralization of HIV by IgA CD4i Antibody	\$408,900
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105131	Near-infrared laser to replace chemical vaccine adjuvant	\$398,694
2013	BOSTON UNIVERSITY	MA	K02AI101067	Oral microbial enzymes for the treatment of celiac disease	\$101,898
2013	TUFTS MEDICAL CENTER	MA	R21AI097855	Analysis of Tgsl, a novel regulator of macrophage survival	\$224,190
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI104715	Optimizing Human B and T Cell Vaccines Against HIV Using Humanized BLT Mice	\$2,500,944
2013	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$377,528
2013	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI091224	Drug Discovery from Slow Growing and Rare Microbial Species	\$999,651
2013	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$127,698
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI105035	CD4+ T Cells in Acute Versus Chronic HCV Infection	\$408,900

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	MATTEK CORPORATION	MA	R21AI104385	Use of a CB2 Ligand to prevent HIV-1 Infection and Transmission	\$218,399
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI106939	Developing High-Throughput Assays for DRACO Broad-Spectrum Antiviral Molecules	\$9,038
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI103616	Role of type II NKT cells during M. tuberculosis infection	\$215,412
2013	BOSTON MEDICAL CENTER	MA	R56AI102844	SIMULTANEOUS LATENT HIV REACTIVATION AND CYTOKINE GENE SUPPRESSION	\$623,372
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI105463	An essential transcription regulator in Pseudomonas aeruginosa	\$218,750
2013	BOSTON UNIVERSITY	MA	R56AI097589	Manipulation of stem cell activity and cell death by intracellular bacteria	\$384,695
2013	TUFTS MEDICAL CENTER	MA	R21AI103905	Use of massively parallel sequencing for identification of B. burgdorferi virulen	\$197,956
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$478,839
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$382,709
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$401,248
2013	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	Immunology of Infection with Neisseria gonorrhoeae	\$626,569
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063928	GAMMA-2 HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$240,000
2013	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$387,750
2013	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$1,204,658
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$386,340
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$369,667
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$619,755
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$720,696
2013	TUFTS UNIVERSITY	MA	R01AI056234	Genetic analysis of inflammatory responses in wild-derived mice	\$387,750
2013	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$530,513
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$769,249
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$383,778
2013	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$2,460,642
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$382,039

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2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083497	PROGRAMMED NECROSIS IN IMMUNE RESPONSES	\$382,709
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$132,300
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$137,025
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$407,673
2013	BETH ISRAEL HOSPITAL	MA	P01AI076210	PRIMARY IMMUNO-DEFICIENCIES AFFECTING SPECIFIC STAGES OF THE IMMUNE RESPONSE	\$1,733,667
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081990	The Abeta protein of Alzheimer's Disease is an antimicrobial peptide	\$411,791
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$435,865
2013	BOSTON UNIVERSITY	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	\$382,844
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI081693	Control of virulence gene expression in Francisella tularensis	\$404,811
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$137,093
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078784	TLR-MEDIATED GENDER DIFFERENCES IN HIV-1 PATHOGENESIS	\$411,791
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$363,283
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI080948	INNATE SIGNALING, CYSTEINYL LEUKOTRIENES, AND ASTHMA ELICITED BY HOUSE DUST MITE	\$136,485
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$137,160
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$414,864
2013	TUFTS UNIVERSITY	MA	R21AI097573	STRUCTURAL MECHANISM OF HERPESVIRUS NUCLEAR EGRESS	\$193,875
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$137,160
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$568,110
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$508,887
2013	BOSTON UNIVERSITY	MA	U01AI100015	Rapid Initiation of Antiretroviral Therapy to Promote Early HIV/AIDS Treatment in South Africa	\$369,340
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097696	Laser-facilitated delivery of malarial sporozoites from the skin to liver	\$234,906
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$408,151
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type 1 diabetes	\$386,575

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2013	BROAD INSTITUTE INC	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$423,041
2013	BOSTON UNIVERSITY	MA	R01AI101057	Guide RNA Binding Complex	\$384,695
2013	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$368,010
2013	MICROBIOTIX, INC	MA	R44AI082799	Novel Methylenecyclopropane Analogues as Anti-Human Herpesvirus 6 and 8 Agents	\$990,305
2013	BOSTON UNIVERSITY	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	\$297,077
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI098147	Probing the Biosynthesis of Thiazolyl Peptide Antibiotic Berninamycin A	\$18,705
2013	Forsyth Dental Infirmary for Children Forsyth Institute	MA	F32AI102498	Polymicrobial dynamics in transfer of vancomycin resistance to MRSA	\$45,078
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	UM1AI069403	Harvard Tanzania HIV/AIDS Clinical Trials Unit	\$0
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI102964	Elucidating a role for Calcium signaling in activation of the Nlrp3 inflammasome	\$379,525
2013	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI103034	Functional genomic analysis of host determinants of malaria infection	\$183,276
2013	UNIVERSITY OF MASSACHUSETTS	MA	R33AI087191	Production of neutralizing mAbs from HIV vaccinees	\$455,442
2013	TUFTS UNIVERSITY	MA	R21AI097754	AEROBIC GROWTH OF ANAEROBIC PATHOGENS	\$206,250
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI103882	Anti-inflammatory promoting commensal E. coli	\$218,903
2013	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI106242	ELUCIDATION OF V(D)J RECOMBINATION CONTROL ELEMENTS IN THE IGH LOCUS	\$0
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$845,208
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI108371	Evaluation of the AccuCirc for Early Infant Male Circumcision in Nyanza, Kenya	\$545,317
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI102960	The Fetal and Childhood Environment, Oxidative Balance, Inflammation and Asthma	\$824,957
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI097519	The role of TLR9 on Aspergillus fumigatus phagosomes	\$392,206
2013	IMMUNETICS, INC	MA	R43AI100471	Immunoassay for diagnosis of Babesia infection	\$300,000
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI108329	The ethics of electronic adherence monitoring for HIV research and care in Uganda	\$115,797
2013	BETH ISRAEL HOSPITAL	MA	R21AI103612	Ultrasensitive quantitative digital ELISA for C. difficile toxins in stool	\$273,009
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI103676	The cellular filopodia mechanism in Shigella membrane protrusion formation	\$261,000
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI106540	In vivo suppression of SIV-mediated immune activation	\$260,610
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI106408	Vaccine induced T-cell protection against SIV infection	\$181,450
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI104411	Network Models for Evaluating HIV-associated MDR TB transmission and control	\$50,036
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI102618	Glucan Particles as a Vaccine Platform for Protective Immunity	\$524,498

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2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101301	Gene circuits programming IL-17 production in innate lymphocytes	\$390,688
2013	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$432,633
2013	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$162,282
2013	BETH ISRAEL HOSPITAL	MA	R01AI022571	CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	\$391,551
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI030914	INHIBITION OF HIV 1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	\$349,632
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081734	MECHANISMS OF ACCEPTANCE IN MOUSE RENAL ALLOGRAFTS	\$411,791
2013	TUFTS UNIVERSITY	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$595,907
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$479,304
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$404,814
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI053330	Human Decidual Leukocytes and Their Placental Ligands	\$469,587
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$453,855
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$443,251
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$394,342
2013	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,514,125
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$417,830
2013	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$342,032
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI081675	VIRUS INDUCED IMMUNOPATHOLOGY	\$378,883
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$451,950
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI085581	IDENTIFYING NOVEL ANTI-INFECTIVES BY HIGH THROUGH-PUT SCREENING IN WHOLE ANIMALS	\$946,258
2013	BETH ISRAEL HOSPITAL	MA	K23AI085181	Dermatotropic cellular immune responses induced by a novel smallpox vaccine	\$128,931
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI086134	Thymic Rejuvenation for the Induction of Transplantation Tolerance	\$397,236
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081846	Regulation of chronic viral infection by co-inhibitory pathways	\$126,831
2013	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$453,668
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$357,328
2013	FIRST LIGHT BIOSCIENCES INC	MA	R44AI080016	Rapid sensitive low-cost test for resistant microbes causing hospital infections	\$942,482
2013	MICROBIOTIX, INC	MA	R43AI098271	NOVEL SPECTINAMIDE ANTIBIOTICS FOR THE TREATMENT OF MDR/XDR TUBERCULOSIS	\$291,083

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2013	BOSTON UNIVERSITY	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$3,098,297
2013	MICROBIOTIX, INC	MA	R43AI100339	NOVEL PLASMODIAL SURFACE ANION CHANNEL INHIBITORS AS ANTIMALARIAL DRUGS	\$296,322
2013	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$426,300
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097745	CHARACTERIZATION OF LYMPHATIC CONTRACTION DURING INFECTION	\$217,500
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$137,160
2013	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI106178	Mechanistic Studies of the Function of Desmosterol Homeostasis in HCV Replication	\$52,190
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,952,502
2013	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI102498	Polymicrobial dynamics in transfer of vancomycin resistance to MRSA	\$4,136
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI069472	Partners Healthcare Systems/Harvard Medical School/Boston Medical Center AIDS CTU	\$2,290,646
2013	DETECTOGEN INC	MA	R43AI100327	VALIDATION OF A NEW VL VACCINE CANDIDATE IN DOGS THAT SIGNIFICANTLY PROTECTS MICE	\$300,000
2013	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	\$303,620
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI100703	Humoral Correlates of Protection Against HIV	\$71,250
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI101807	PGT Inhibitors Mapped From a Tunicamycin Blueprint	\$235,359
2013	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI104170	Investigating the role of inflammasome activation in the control of T. gondii	\$42,232
2013	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$396,626
2013	TUFTS MEDICAL CENTER	MA	R21AI102813	O-GLYCAN SYNTHESIS: POTENTIAL TARGETS FOR INTERVENTION IN CRYPTOSPORIDIOSIS	\$224,190
2013	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI097468	INFLUENCE OF CHEMOKINE RECEPTORS ON T CELL CYTOKINE PROFILES IN SKIN	\$238,313
2013	NORTHEASTERN UNIVERSITY	MA	R21AI099745	Functional and Molecular Analysis of Scout Cell Awakening	\$253,514
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI101175	Autoimmunity to ECGF in Lyme disease and its post-infectious syndromes	\$256,163
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI101048	Plasticity of T helper cell differentiation	\$391,079
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$391,667
2013	UNIVERSITY OF MASSACHUSETTS	MA	R01AI106725	Regulation of CD8+ T cell immunity to tuberculosis (pending title)	\$605,572

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2013	UNIVERSITY OF MASSACHUSETTS	MA	R56AI107804	SALMONELLA PATHOGENESIS AND PROCESSING OF SECRETED EFFECTORS BY CASPASE-3	\$411,599
2013	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI104348	Determinants of Immune Control in HIV perinatally infected children in sub-Saharan	\$186,192
2013	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$707,777
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$425,724
2013	SIGMOVIR BIOSYSTEMS INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$495,638
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$264,412
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$165,694
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$355,116
2013	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$314,078
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$380,700
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$377,731
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087181	Broadly Neutralizing Monoclonal Antibodies Against HIV-1	\$514,295
2013	JOHNS HOPKINS UNIVERSITY	MD	K08AI081544	HIV, KUPFFER CELLS, AND HCV-RELATED LIVER FIBROSIS	\$128,854
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101035	Synthetic Variable Domain Glycopeptides for Neutralizing Epitope Characterization	\$180,363
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$686,272
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$594,490
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI101589	CONDITIONAL PROBES OF SECRETORY PROTEIN FUNCTION IN MALARIA PARASITES	\$190,350
2013	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$705,407
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$8,980,285
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069482	Johns Hopkins University-Guangxi, China Clinical Trials Unit	\$605,528
2013	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI100414	MULTI-SPECIFIC ANTIBODY THERAPY BY TARGETING S. AUREUS TOXINS AND POLYSACCHARIDES	\$293,316
2013	JOHNS HOPKINS UNIVERSITY	MD	F32AI088964	M. TUBERCULOSIS INFLUENCES HOST MATRIX METALLOPROTEINASES AND GRANULOMA FORMATION	\$53,942

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2013	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$3,574,067
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097869	Macrophage polarization and glutathione levels in the TB-helminth co-infection	\$154,047
2013	UNIVERSITY OF MARYLAND	MD	R01AI099060	Genetic Analysis of Anopheles mosquitoes	\$342,271
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	\$534,611
2013	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$1,063,088
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI099655	MITOCHONDRIAL-LOCALIZED ACTIVITIES OF HHV-8 VIRF-1	\$205,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI092443	PLASMA SERUM BASED BIOMARKERS IN SUBLINGUAL ORAL IMMUNOTHERAPY FOR MILK ALLERGY	\$202,500
2013	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI094639	PRODRUG STRATEGIES FOR HCV NUCLEOSIDE LEAD DEVELOPMENT	\$205,847
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102883	Heme utilization and homeostasis in Pseudomonas aeruginosa	\$360,725
2013	UNIVERSITY OF MARYLAND	MD	R21AI100195	NEWCASTLE DISEASE VIRUS VECTORED VACCINES FOR NOROVIRUS INFECTION	\$214,320
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI100656	Markers of Long-Term Suppression of HIV in Pre-adolescents treated from Infancy	\$283,500
2013	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI106106	FASEB SRC ON SIGNAL TRANSDUCTION IN THE IMMUNE SYSTEM	\$5,000
2013	UNIVERSITY OF MARYLAND	MD	R21AI103797	Interaction of Neisseria gonorrhoeae with polarized human endocervical epithelial	\$178,600
2013	INTEGRATED BIOTHERAPEUTICS INC	MD	R41AI108024	Immunotherapeutics to prevent HCV reinfection	\$300,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI103599	Lipidated Mycobacterium tuberculosis biomarkers in clinical specimens	\$263,163
2013	JOHNS HOPKINS UNIVERSITY	MD	R56AI070594	A COMPARATIVE GENOMICS AND TRANSGENIC APPROACH TO REGULATION OF IL-10 EXPRESSION.	\$380,700
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI107530	How does the KSHV small capsid protein function to promote self-assembly	\$228,420
2013	UNIVERSITY OF MARYLAND	MD	T32AI051967	MECHANISMS OF VIRUS REPLICATION AND GENE EXPRESSION	\$168,047
2013	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$438,254
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$125,426
2013	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$280,360
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,160,974

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$380,700
2013	JOHNS HOPKINS UNIVERSITY	MD	K24AI085118	Patient Oriented Research in Transplant and Oncology ID	\$199,014
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$2,852,497
2013	SIGMOVIR BIOSYSTEMS INC	MD	R21AI101480	Development of the Cotton Rat Model of Rhinovirus Infection and Disease	\$238,284
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI099704	MEMBRANE PERMEABLE DIPHOSPHATE ANALOGS TARGETING PATHOGEN ISOPRENOID BIOSYNTHESIS	\$202,500
2013	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern and Central Africa	\$1,673,841
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069406	Southern Asia HIV/AIDS Clinical Trials Unit	\$843,314
2013	UNIVERSITY OF MARYLAND	MD	R21AI099819	ROLE OF BACTERIOPHAGE IN NEISSERIA GONORRHOEAE BIOLOGY	\$225,000
2013	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$1,460,639
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102966	Advancement of a Defined, Protective, Live Attenuated Tularemia Vaccine	\$683,119
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI101979	PREGNANCY SPECIFIC GLYCOPROTEIN 1 ACTIVATES TRANSFORMING GROWTH FACTOR BETA	\$211,620
2013	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$990,669
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI099027	Mechanisms of Fas Ligand Control of Insulitis in Autoimmune Diabetes	\$344,995
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI107634	A Bioengineerable Self-adjuvating Nanoparticle for Antigen Delivery	\$76,750
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI102623	Johns Hopkins HIV Epidemiology and Prevention Sciences Training Program	\$252,588
2013	JOHNS HOPKINS UNIVERSITY	MD	R33AI094519	Mucus Penetrating Particles for Rectal Microbicides	\$451,874
2013	UNIVERSITY OF MARYLAND	MD	R01AI106998	A semi field trial test on efficacy of transgenic antimalarial biocontrol fungi	\$378,092
2013	JOHNS HOPKINS UNIVERSITY	MD	R56AI102622	GLOBAL IMMUNOLOGICAL RESPONSE TO EFFECTIVE ANTIRETROVIRAL THERAPY (GIREAT:CD4)	\$354,064
2013	UNIVERSITY OF MARYLAND	MD	R21AI105655	The electrophysiology of facultative pathogens	\$179,080
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI108357	Determinants and Consequences of Frailty among Aging HIV-infected Persons	\$182,779
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI103857	Mechanisms of Host Adaptation for Candida albicans	\$242,448
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI107537	Bridging KSHV capsids to the nuclear egress complex	\$228,420
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$377,731

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2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$352,396
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI024656	MOLECULAR GENETIC ANALYSIS OF SHIGELLA PATHOGENICITY	\$352,396
2013	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$511,420
2013	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,211,159
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$189,895
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$356,993
2013	UNIVERSITY OF MARYLAND	MD	R01AI073667	GENETIC VARIATION IN GENES INVOLVED IN NEISSERIA GONORRHOEAE LOS BIOSYNTHESIS	\$207,291
2013	UNIVERSITY OF MARYLAND	MD	R03AI092143	A MICROBIAL ANTIGEN AS A MOLECULAR TRIGGER OF LYME BORRELIOSIS	\$76,000
2013	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$1,000,000
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$180,005
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI082587	SMALL MOLECULE PROTEIN-GLYCAN INHIB. AS MALARIA TRANSMISSION-BLOCKING THERAPUETIC	\$377,731
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI084549	HAART Initiation in Behaviorally HIV-Infected Youth	\$134,325
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI084984	Leukotrienes and blood-brain barrier	\$381,546
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI091481	TRANSPLANTATION TOLERANCE AND IMMUNE FUNCTION FOLLOWING MTOR INHIBITION.	\$381,546
2013	IMMUNE DEFIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$557,098
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI084854	Universal Screening of HIV-Infected Persons for Gonorrhea and Chlamydia	\$134,165
2013	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	\$128,453
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$1,977,473
2013	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094906	2011-15 FASEB Summer Conference on Autoimmunity	\$18,000
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	\$349,719
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K25AI087968	Single Molecule Studies of HIV Envelope Properties	\$111,186
2013	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$1,039,531

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2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI098167	The role of mitochondrial reactive oxygen species in innate immune signaling	\$52,190
2013	SEQUELLA, INC	MD	R21AI096248	A Kit for Rapid AST of Mycobacterium tuberculosis from Clinical Samples	\$231,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI095484	ACUTE KIDNEY INJURY AND DOUBLE NEGATIVE T CELLS	\$202,500
2013	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$700,194
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101685	Immunotherapeutic Potential of Modified Lipooligosaccharides and Lipid A's	\$180,363
2013	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	\$42,232
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	\$414,919
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI096949	T-FOLLICULAR HELPER CELLS IN ENV-IMMUNIZED MACAQUES	\$180,363
2013	UNIVERSITY OF MARYLAND	MD	R01AI100947	Algorithms and Software for the Assembly of Metagenomic Data	\$437,391
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI107085	Temporal Trends in Food Sensitization in U.S. Children	\$304,560
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI105881	Structure and Role in Disease of Clostridium difficile Type IV Pili	\$232,740
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI106491	Phenotypic analysis of latently infected CD4+ T cells.	\$228,420
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI109657	Prospective Cohort Study of Cryptococcosis	\$621,815
2013	UNIVERSITY OF MARYLAND	MD	R03AI103894	Cellular processing and role of a surface antigen in borrelial pathogenesis	\$68,400
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI065529	REGULATORY MECHANISMS OF HELICOBACTER PYLORI	\$357,220
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI108403	Antibody-Mediated Suppression of Antiviral Inflammasome Activation	\$455,681
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$266,490
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$320,359
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$346,860
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$381,546
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$217,337
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$369,137
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$227,053
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$189,903

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2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI083125	REGULATORY NETWORKS INVOLVED IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$549,051
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI082612	FIRING UP NEW TREATMENTS AGAINST MYCOBACTERIUM ULCERANS DISEASE (BURULI ULCER)	\$377,731
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	\$1,526,185
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	\$302,581
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$560,579
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI087624	Clinical trial of chloroquine weekly or as IPT to prevent malaria in pregnancy in	\$1,200,349
2013	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	\$348,975
2013	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$107,325
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UM1AI069447	Institute of Human Virology Clinical Trials Unit	\$741,291
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	\$136,182
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$2,933,904
2013	SANARIA INC	MD	R43AI100530	VACCINATION WITH PURIFIED, CRYOPRESERVED, INFECTIOUS PLASMODIUM VIVAX SPOROZOITES	\$299,934
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI100031	Enhanced Provision of Male Circumcision for HIV Prevention, Rakai, Uganda	\$949,074
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI101987	MOLECULAR MECHANISMS OF HLA-DO IN ANTIGEN PROCESSING	\$190,350
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$533,861
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI094033	DEVELOPING NOVEL SEROLOGICAL BIOMARKERS FOR AUTOIMMUNE LIVER DISEASES	\$190,278
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$1,038,077
2013	UNIVERSITY OF MARYLAND	MD	R21AI101752	CD23-MEDIATED IMMUNOTHERAPY ON AIRWAY INFLAMMATION	\$178,600
2013	PROTEIN POTENTIAL LLC	MD	R43AI100531	MULTI-STAGE MULTI-ANTIGEN VACCINE FOR INTERRUPTING MALARIA TRANSMISSION	\$300,000
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI107361	Mitigation of Radiation-Induced Pulmonary Injury with Nrf2 activator	\$534,574
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI102710	Statistical Designs and Methods for Double-Sampling for HIV/AIDS	\$408,141

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2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI106586	HBV Response to Tenofovir or Lamivudine-Based ART in HIV-HBV Co-Infected Chinese	\$199,999
2013	PROTEIN POTENTIAL LLC	MD	R43AI096632	MULTI-LIGAND MEROZOITE INVASION BLOCKING MALARIA VACCINE	\$300,000
2013	DFH PHARMA INC	MD	R41AI108457	PREPARATION AND CHARACTERIZATION OF 2ND GENERATION HIV-1 MATURATION INHIBITOR DRU	\$186,374
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells	\$348,975
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$523,398
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$439,781
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$670,626
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$131,240
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI083315	Epithelial Regulation of Th2 Immune Responses in the Lung	\$373,125
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI080842	PK/PD ISSUES IN THE USE OF NEW THERAPIES FOR THE TREATMENT OF TUBERCULOSIS	\$134,325
2013	UNIVERSITY OF MARYLAND	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$345,486
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI089830	The Role of EOS in Regulatory T-cell Biology.	\$381,546
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087865	Human Microbiome and Healthcare Associated Infections	\$309,480
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI097138	Biomarkers and Signaling in Tuberculosis	\$576,862
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097715	THE NOVEL FAMILY OF SUPEROXIDE DISMUTASE ENZYMES IN CANDIDA ALBICANS	\$190,350
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI101152	A USER-FRIENDLY EPIDEMIC-ECONOMIC MODEL OF DIAGNOSTIC TESTS FOR TUBERCULOSIS	\$190,350
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI084580	THE CIRCULATING AND MEMORY B-ANTIBODY RESPONSES IN HIV-INFECTED PATIENTS	\$134,660
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102680	FcRn-targeted mucosal HIV vaccine	\$716,450
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI097953	VACCINE POTENTIAL OF TYPE IV PILIN FROM CLOSTRIDIUM DIFFICILE	\$76,750
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$723,643
2013	IMQUEST BIOSCIENCES INC	MD	R33AI088586	Development of a novel nanoparticle pyrimidinedione vaginal polymeric film as an	\$368,105
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI099737	FAMILY CLUSTER ANALYSIS OF NOROVIRUS VARIANTS BY MULTIPLE-REGION SEQUENCE TYPING	\$166,104

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2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095309	Mucosal live vector vaccine against recurrent Clostridium difficile infections	\$360,725
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	\$136,739
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI095981	Vitamin A-Mediated Protection in Measles	\$202,500
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI106031	Comparative Effectiveness of Rapid TB Diagnostics in Uganda	\$230,747
2013	UNIVERSITY OF MARYLAND	MD	R21AI106059	NDV-vectored Lyme disease vaccines	\$190,000
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI100192	CLOUD-ENABLED GENOMICS RESOURCE FOR AUTOMATED PATHOGEN DIAGNOSTICS IN THE FIELD	\$204,880
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI100168	RAPID AND SENSITIVE DETECTION OF SALMONELLA FROM BLOOD, FOOD AND FECES	\$147,815
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI035043	Center/Coordination, Analysis and Management/MACS	\$2,036,472
2013	GENVEC INC	MD	R43AI092917	ADENOVIRUS-VECTORED RSV VACCINE NOT INHIBITED BY MATERNAL IMMUNITY	\$289,058
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI110371	The effect of Depo-Provera on HIV susceptibility, immune activation, and PrEP PK	\$413,071
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI106613	The Role of Cell Wall Lipids in Pathogenesis of Rifampin-Resistant TB	\$199,999
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101691	Development of a Rationally Attenuated Live Vaccine for Francisella tularensis	\$191,875
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI099458	TOXEMIA AND SYSTEMIC DISEASE IN CLOSTRIDIUM DIFFICILE INFECTION	\$387,995
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI106508	Cell Surface Marker Combinations to Identify Latently Infected CD4+ Cells In Vivo	\$252,962
2013	SANARIA INC	MD	U01AI109700	PfSPZ Challenge with Chemoprophylaxis: Phase 1 Trial to Assess Liver Stage Drug	\$618,129
2013	JOHNS HOPKINS UNIVERSITY	MD	K08AI102696	Recognition of HIV by the Inflammasome Signaling Complex	\$185,121
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$502,375
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$352,396
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZEDS PATIENTS	\$170,826
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$376,893
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$380,700
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$279,180

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2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECT	\$6,823,026
2013	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	\$999,995
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI080974	Molecular Epidemiology of the Vaginal Microbiome	\$128,835
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	\$607,356
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI083100	FORESKIN MUCOSAL CELLULAR CONSTITUENTS & EFFECTS OF CIRCUMCISION ON HIV/STI RISK	\$134,325
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI090727	Post Genome-Wide Association Study of Food Allergy	\$540,054
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$361,538
2013	UNIVERSITY OF MARYLAND	MD	R01AI094773	Profiling the Leishmania-macrophage Host-pathogen Infectome	\$600,457
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	HIV incidence testing in an evolving epidemic: Identification of accurate multi-assay algorithms that include serosignatures from a novel antibody profiling system.	\$686,668
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI091869	Investigation of the Role of TGF Beta in TH2-Mediated Disease	\$134,325
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$129,465
2013	GENVEC INC	MD	R43AI100467	Pre-erythrocytic Stage Antigen Discovery for Malaria Vaccine Development	\$300,000
2013	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069497	Byramee Jeejeebhoy Medical College (BJMC), Pune, India: Clinical Trials Unit	\$1,615,025
2013	N & N SCIENTIFIC INC	MD	R44AI078540	N-Methanocarbothymidine (N-MCT) for the treatment of herpes and pox virus infecti	\$1,000,000
2013	PROTEIN POTENTIAL LLC	MD	R43AI098151	IMMUNIZING AGAINST MALARIA BY INDUCING BOTH PROTECTIVE ANTIBODIES AND CD8 T CELLS	\$300,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$702,520
2013	J CRAIG VENTER INSTITUTE INC	MD	R21AI098057	GENETIC MANIPULATION OF UNREAPLASMA SPP. INFECTING HUMANS USING SYNTHETIC GENOMIC	\$253,472
2013	UNIVERSITY OF MARYLAND	MD	R21AI093198	NEWCASTLE DISEASE VIRUS VECTORED HIV VACCINES	\$213,685
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$385,400
2013	SANARIA INC	MD	R44AI077262	Transgenic Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$1,000,000

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2013	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI098232	A NOVEL STRUCTURE BASED VACCINE FOR STAPHYLOCOCCAL ALPHA HEMOLYSIN	\$290,778
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI097494	The Impact of Diabetes on TB treatment outcomes	\$591,808
2013	UNIVERSITY OF MARYLAND	MD	R56AI080615	Borella Gene Products Critical For Natural Infection Cycle	\$357,200
2013	MD ST OFFICE OF THE GOVERNOR	MD	R21AI107230	A genetic resource for Anopheles immunity research	\$206,499
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI094143	Cough - A Rapid Indicator of Response to Therapy in Pulmonary Tuberculosis	\$160,972
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI095041	Quantiferon Gold Test for Detecting TB Infection in HIV/AIDS Patients in Brazil	\$600,421
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI102659	Circulating Cellular and Extracellular Noncoding RNAs in HIV-1 Elite Suppression	\$202,794
2013	JOHNS HOPKINS UNIVERSITY	MD	R56AI101302	A BROADLY PROTECTIVE VACCINE FOR ENTEROTOXIGENIC ESCHERICHIA COLI (ETEC)	\$344,808
2013	BIOLOGICAL ANTI-INFECTIVE MEDICINES LLC	MD	R41AI106375	Humanized Monoclonal Antibodies to Treat Acinetobacter Infections	\$288,362
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI099734	Role of a schistosome cysteine protease in Th response polarization	\$180,063
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI107224	Vaginal microbiota, immune responses and vulvovaginal symptoms during menopause	\$187,591
2013	BIOLOGICS RESOURCES LLC	MD	R01AI105172	Conjugate Anthrax Vaccine with Dual Virulence Factor Specificity	\$890,499
2013	JOHNS HOPKINS UNIVERSITY	MD	R56AI099036	HUMAN BASOPHIL PHENOTYPES AND THERAPEUTIC OUTCOMES	\$444,698
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	\$1,367,902
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$326,258
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI044375	EFFECTOR AND MEMORY ANTI-MALARIA CD8+ CELL RESPONSES	\$518,470
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,240,055
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$345,486
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$1,807,290
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI046223	AIDS Opportunistic Infections: Virulence of C. glabrata	\$381,546
2013	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$1,000,000
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	The Molecular and Cellular Basis of Infectious Diseases (MCBID) Program	\$507,302
2013	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$227,053

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2013	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$356,243
2013	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$1,904,692
2013	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$228,420
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI081600	INTERMOLECULAR COOPERATIVITY IN THE ACTION OF ANTIVIRAL AGENTS	\$264,412
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI087139	IMPACT OF MATERNAL HAART ON HIV-INFECTED BREASTFEEDING INFANTS: MALAWI	\$583,897
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$485,623
2013	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$11,785,053
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$264,117
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093635	Immuno-epidemiological epitope mapping of a blood stage malaria vaccine antigen	\$541,839
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093653	Rickettsial Immunity During Tick Transmission	\$363,355
2013	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI097685	A Flexible Approach to Avoid Viral Escape Mutations	\$221,476
2013	RADIX PHARMACEUTICALS INC	MD	R44AI081308	DEVELOPMENT OF SMALL MOLECULES AS ANTIPROTOZOAL AGENTS	\$749,856
2013	UNIVERSITY OF MARYLAND	MD	R21AI095715	PROTEIN SIGNATURE IN MEMORY CTL DIFFERENTIATION	\$190,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097912	ESTABLISH AND APPLY IN VITRO SYSTEM FOR HUMAN CYTOMEGALOVIRUS CAPSID ASSEMBLY	\$228,420
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI101377	Herpesvirus protein kinases: Substrate recognition and pathway targeting.	\$190,350
2013	LEUKOSIGHT INC	MD	R41AI100396	TREATING EAE DISEASE WITH FC-DIMERS	\$300,000
2013	SANARIA INC	MD	R43AI093034	HIGH THROUGHPUT ASSAY TO IDENTIFY NEW DRUGS AGAINST VIVAX MALARIA LIVER STAGES	\$299,998
2013	SANARIA INC	MD	R43AI104129	Attenuated malaria sporozoite vaccine using a P. falciparum blood-stage auxotroph	\$299,998
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104702	Antigen exposure in utero: impacts on newborn immunity and infectious diseases	\$363,322
2013	JOHNS HOPKINS UNIVERSITY	MD	K08AI102761	Mechanisms of Neutralizing Antibody Resistance in Chronic HCV and HIV Infection	\$185,121
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101055	Exacerbation of pertussis airway inflammation and pathology by pertussis toxin	\$306,599

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2013	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI106088	FASEB SRC ON MOLECULAR MECHANISMS OF IMMUNE CELL DEVELOPMENT AND FUNCTION	\$7,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI103379	Mitochondrial DRM targeting by HHV-8 viral interferon regulatory factor-1	\$228,420
2013	JOHNS HOPKINS UNIVERSITY	MD	K01AI100681	Cost-Effectiveness of ED HIV Testing Program Agent-Based Modeling Approach	\$134,016
2013	SANARIA INC	MD	R43AI108052	Chloroquine Sensitive Plasmodium falciparum for MultiValent Vaccine & Challenge	\$299,996
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI099300	Metabolic regulation of T cell fate and tumor immunity	\$380,700
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$194,090
2013	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$3,826,810
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$713,889
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2016-2021	\$45,000
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$36,979
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$654,237
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$335,813
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$537,760
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,670,651
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,436,327
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$348,975
2013	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$611,824
2013	MACROGENICS INC	MD	R01AI089588	A Pan-Dengue Virus Immunotherapeutic for Prevention and Treatment	\$1,185,525
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI090866	MOLECULAR BASIS OF ADCC-MEDIATED HIV PROTECTION	\$493,696
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI083099	CAUSES OF AND ASSOCIATIONS WITH DEATH DURING LONG TERM HAART IN AFRICA	\$134,325
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI085147	ANCILLARY CARE IN COMMUNITY-BASED RESEARCH: DECIDING WHAT TO DO	\$148,825
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	\$305,237
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI097417	Influenza A Virus Infection of Human Nasal Epithelial Cells	\$480,699

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2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	\$134,730
2013	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$136,754
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	\$711,166
2013	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	\$725,821
2013	SEQUELLA, INC	MD	R43AI094844	A New Therapeutic Regimen for MDR-TB	\$297,897
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI097419	THE MICROBIOTA IN A NOVEL MOUSE MODEL OF ULCERATIVE COLITIS	\$190,186
2013	JOHNS HOPKINS UNIVERSITY	MD	F32AI102535	Mechanisms regulating episodic breaches of protective vaginal microbiome by BV	\$52,190
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI106393	BH3-only protein targeting by HHV-8	\$380,700
2013	JOHNS HOPKINS UNIVERSITY	MD	R01AI102939	Methods for Reducing Spatial Uncertainty and Bias in Disease Surveillance	\$734,713
2013	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vectored Vaccine to Protect Against Ebola and Marburg Viruses	\$1,122,164
2013	JOHNS HOPKINS UNIVERSITY	MD	K99AI104828	Impact of herpesvirus protein kinases on host protein modification	\$84,582
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI089776	MECHANISM OF HEME REGULATION OF A P. AERUGINOSA NON-CODING RNA	\$105,047
2013	UNIVERSITY OF MARYLAND	MD	R21AI097946	SOLUTION STRUCTURE AND DYNAMICS OF TCR IN FREE AND PEPTIDE-MHC-BOUND STATES	\$190,000
2013	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI098178	DEVELOPMENT OF THERAPEUTIC PAN-FILOVIRUS MACAQUE MONOCLONAL ANTIBODIES	\$254,255
2013	JOHNS HOPKINS UNIVERSITY	MD	R21AI102798	Identification of novel anti-HIV inhibitors based on Vif-E3 activity	\$228,420
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI104541	Eritoran (E5564), a TLR4 antagonist, as a novel therapeutic for influenza	\$784,554
2013	UNIVERSITY OF MARYLAND	MD	R21AI101911	Structural Analysis of the TCR-CD3 Receptor Complex	\$228,000
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI101713	Genome-wide studies to identify markers of artemisinin-resistant malaria	\$454,063
2013	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI101680	Pilot studies of the molecular epidemiology of drug-resistant malaria in Myanmar	\$72,812
2013	UNIVERSITY OF MARYLAND	MD	R56AI072142	MOLECULAR RECOGNITION STUDIES OF THE INTERLEUKIN-7 PATHWAY	\$357,200
2013	MAINE INTERNATIONAL CENTER FOR DIGITAL LEARNING	ME	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$129,423
2013	UNIVERSITY OF MICHIGAN	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$303,112

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2013	UNIVERSITY OF MICHIGAN	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$546,206
2013	UNIVERSITY OF MICHIGAN	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$328,883
2013	UNIVERSITY OF MICHIGAN	MI	R01AI094563	Sexual Modulation of HIV-Relevant Vaginal Immunity	\$328,637
2013	UNIVERSITY OF MICHIGAN	MI	F32AI096730	The Promotion of Inflammation by Bacterial Sialidases After Influenza Infection	\$28,428
2013	UNIVERSITY OF MICHIGAN	MI	R21AI096985	BIOLOGICAL ACTIVITY OF LEAD COMPOUNDS TARGETING HIV-1 TAR RNA	\$179,942
2013	UNIVERSITY OF MICHIGAN	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$318,560
2013	UNIVERSITY OF MICHIGAN	MI	F32AI104249	Identification of Campylobacter jejuni factors that influence chicken commensalis	\$53,714
2013	WAYNE STATE UNIVERSITY	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,321
2013	UNIVERSITY OF MICHIGAN	MI	R56AI103266	MECHANISMS OF HOST DEFENSE AGAINST MEMBRANE DAMAGE BY PORE-FORMING TOXINS	\$382,180
2013	MICHIGAN STATE UNIVERSITY	MI	R21AI105867	Screening for inhibitors of M. tuberculosis persistence-related lipid metabolism	\$190,099
2013	UNIVERSITY OF MICHIGAN	MI	R03AI105029	Enhancing Killer B Lymphocyte Function as a Treatment for Allergic Asthma	\$77,750
2013	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$324,685
2013	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$355,851
2013	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$233,532
2013	UNIVERSITY OF MICHIGAN	MI	R01AI083252	Mechanism of cholera toxin retro-translocation	\$281,976
2013	UNIVERSITY OF MICHIGAN	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$350,011
2013	UNIVERSITY OF MICHIGAN	MI	K23AI091623	Phase II Trial of Vorinostat plus Tacrolimus and Mycophenolate to Prevent GVHD	\$130,940
2013	UNIVERSITY OF MICHIGAN	MI	R01AI099065	Characterization of an extracellular structure produced by Staphylococcus aureus	\$355,073
2013	UNIVERSITY OF MICHIGAN	MI	R56AI073847	Curli Fiber Assembly and Function	\$352,484
2013	UNIVERSITY OF MICHIGAN	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$349,354
2013	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$355,242
2013	UNIVERSITY OF MICHIGAN	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$355,763
2013	UNIVERSITY OF MICHIGAN	MI	R01AI046675	Microneme function in toxoplasma	\$321,981
2013	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$360,890
2013	UNIVERSITY OF MICHIGAN	MI	R01AI089417	Novel Therapeutics for Neurotropic Alphaviruses	\$872,005

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2013	UNIVERSITY OF MICHIGAN	MI	R01AI091627	Notch Signaling in Alloimmunity	\$359,891
2013	UNIVERSITY OF MICHIGAN	MI	R21AI103961	Subversion of gastrointestinal host defenses by norovirus	\$196,627
2013	UNIVERSITY OF MICHIGAN	MI	F32AI106189	The Viral Life Cycle of Human Endogenous Retrovirus Type K	\$53,673
2013	UNIVERSITY OF MICHIGAN	MI	R21AI103452	Adenovirus myocarditis: defining host factors contributing to pathogenesis	\$219,255
2013	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$323,509
2013	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$668,904
2013	UNIVERSITY OF MICHIGAN	MI	U19AI090871	Clostridium difficile Cooperative Research Center	\$1,387,553
2013	TSRL, INC	MI	R44AI081396	PRODRUGS OF NEURAMINIDASE INHIBITORS FOR INCREASED ORAL BIOAVAILABILITY	\$1,000,000
2013	UNIVERSITY OF MICHIGAN	MI	R21AI099497	SINGLE-MOLECULE IMAGING OF MEMBRANE-LOCALIZED TRANSCRIPTION COMPLEXES IN BACTERIA	\$227,688
2013	UNIVERSITY OF MICHIGAN	MI	R21AI098431	Natural Product-Inspired Method for Enhancing HIV Protease Inhibitors	\$230,031
2013	UNIVERSITY OF MICHIGAN	MI	R21AI094097	THE ROLE OF PROPHAGE LIFE CYCLE IN STX PRODUCTION AND DISEASE DUE TO EHEC	\$233,250
2013	UNIVERSITY OF MICHIGAN	MI	F31AI108086	Host protein prenyl transferases as modifiers of effectors of pathogenic bacteria	\$32,486
2013	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$353,922
2013	UNIVERSITY OF MICHIGAN	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$324,883
2013	UNIVERSITY OF MICHIGAN	MI	R21AI097893	CHARACTERIZATION OF BLEACH-SPECIFIC TRANSCRIPTIONAL REGULATORS IN BACTERIA	\$188,813
2013	UNIVERSITY OF MICHIGAN	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$318,033
2013	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$280,074
2013	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$1,753,575
2013	UNIVERSITY OF MICHIGAN	MI	R03AI096029	Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections	\$53,426
2013	UNIVERSITY OF MICHIGAN	MI	R56AI051192	MOLECULAR MECHANISMS OF HIV DISEASE PATHOGENESIS	\$357,499
2013	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$320,514
2013	UNIVERSITY OF MICHIGAN	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$457,573
2013	UNIVERSITY OF MICHIGAN	MI	U01AI088671	International Collaborations in Infectious Disease Research (ICIDR) (U01)	\$649,676

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2013	TSRL, INC	MI	R43AI100401	Broad Spectrum Antiviral Nucleoside Phosphonate Analogs	\$300,000
2013	UNIVERSITY OF MICHIGAN	MI	R21AI105167	How eukaryotic pathogens explore the fitness landscape by mitotic recombination	\$233,250
2013	UNIVERSITY OF MICHIGAN	MI	R01AI097134	Role of DNA methylation in lupus	\$374,747
2013	UNIVERSITY OF MICHIGAN	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$347,706
2013	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$287,836
2013	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$353,182
2013	MICHIGAN STATE UNIVERSITY	MI	R01AI080597	ENDOSYMBIONT, ARBOVIRUS & MOSQUITO INTERACTIONS AND THE DISEASE CONTROL	\$344,109
2013	UNIVERSITY OF MICHIGAN	MI	R01AI083334	Modulation of adenovirus pathogenesis by prostaglandin E2	\$355,228
2013	UNIVERSITY OF MICHIGAN	MI	K01AI091440	ESTIMATION OF HIV TRANSMISSION DYNAMICS USING GENETIC SEQUENCES OF VIRUS	\$131,562
2013	UNIVERSITY OF MICHIGAN	MI	R21AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$228,196
2013	UNIVERSITY OF MICHIGAN	MI	K22AI097291	Delivery of Particle Vaccines to Control Trafficking Patterns of T Cells	\$162,000
2013	UNIVERSITY OF MICHIGAN	MI	R21AI099984	PROTEIN-PROTEIN INTERACTION ESSENTIAL FOR BACTERIAL GROWTH AND VIRULENCE	\$199,390
2013	UNIVERSITY OF MICHIGAN	MI	R21AI105362	Treponomics: enhanced tools for genetic manipulation in spirochetes	\$214,038
2013	UNIVERSITY OF MICHIGAN	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$451,200
2013	UNIVERSITY OF MICHIGAN	MI	R21AI097099	Toxoplasma endocytosis of host cytoplasm	\$194,375
2013	MICHIGAN STATE UNIVERSITY	MI	R21AI099404	GPCR Kinase-5 in Inflammatory Bowel Disease	\$210,900
2013	UNIVERSITY OF MICHIGAN	MI	R01AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$232,166
2013	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$307,944
2013	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	\$1,551,308
2013	UNIVERSITY OF MICHIGAN	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell developmen	\$364,168
2013	UNIVERSITY OF MICHIGAN	MI	F32AI102552	Proteus mirabilis swarming: Initiation and role during urinary tract infection	\$52,190
2013	UNIVERSITY OF MICHIGAN	MI	R01AI101285	Coordinate regulation of competence and pneumocin production in S. pneumoniae	\$345,253
2013	UNIVERSITY OF MICHIGAN	MI	R21AI101777	MOBILIZATION OF LYSOSOME ANTI-MICROBIAL DEFENSES BY THE UNFOLDED PROTEIN RESPONSE	\$177,184
2013	MICHIGAN STATE UNIVERSITY	MI	R21AI106477	Vpr	\$216,435

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2013	MICHIGAN STATE UNIVERSITY	MI	R21AI105499	Increasing efficacy of an Adenovirus vaccine targeting Clostridium difficile usin	\$210,850
2013	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures	\$1,709,135
2013	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$341,318
2013	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,557,722
2013	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$373,650
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI088209	Cortical epithelial cells in the selection and maturation of CD8 T cells	\$343,579
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$167,908
2013	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	\$347,006
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI100346	A novel approach to study TCR signal strength in homeostasis and tolerance	\$22,886
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI101540	Dual TCR T cells in thymic selection and autoimmunity	\$178,600
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$839,012
2013	UNIVERSITY OF MINNESOTA	MN	R21AI103012	Bayesian Methods and Software for Patient-Centered Network Meta-Analysis of Binar	\$168,072
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$313,011
2013	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$336,643
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$316,171
2013	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$337,715
2013	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$351,534
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$351,302
2013	UNIVERSITY OF MINNESOTA	MN	U01AI105872	Reversing Tissue Fibrosis to Improve Immune Reconstitution in HIV	\$1,036,344
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI097668	IMMUNE TOLERANCE IN HUMANIZED TRANSLATIONAL MODELS TO CURE DIABETES	\$179,514
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI107995	The role of the TCR in effector CD4 T cell differentiation	\$49,214
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI103760	Protective CD4+ T cells	\$357,200
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$304,934

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF MINNESOTA	MN	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$393,516
2013	MAYO CLINIC	MN	R01AI091594	The Electricidal Effect, a Novel Anti-Biofilm Strategy	\$370,279
2013	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$501,573
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R33AI087098	CRYSTALLOGRAPHIC STUDIES OF RETROVIRAL INTEGRASES	\$354,850
2013	MAYO CLINIC	MN	R21AI105233	Measles vectors for genomic modification-free induced pluripotent stem cells	\$198,750
2013	UNIVERSITY OF MINNESOTA	MN	R01AI100872	Analysis of peripheral tolerance in vivo	\$148,834
2013	UNIVERSITY OF MINNESOTA	MN	R01AI100879	Lymphoid Tissue Inducer/NK22 Cells and Post-transplant Immune Recovery	\$357,200
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$354,850
2013	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	\$27,067,182
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	\$345,531
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI090732	IMPACT OF EXTRAORDINARILY LARGE NUMBERS OF SIV-SPECIFIC CD8 T CELLS ON VAGINAL TR	\$672,484
2013	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$370,595
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI091974	Preclinical Assessment of Novel Combination Therapy to Restore and Prolong Regula	\$352,109
2013	MAYO CLINIC	MN	R21AI101172	NOVEL COMBINATION THERAPY FOR STAPHYLOCOCCUS AUREUS PNEUMONIA	\$186,825
2013	MAYO CLINIC	MN	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$570,511
2013	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$676,037
2013	MAYO CLINIC	MN	R01AI089713	Pathophysiology of cholangiocyte responses to microbial pathogens	\$333,536
2013	MAYO CLINIC	MN	R21AI104065	The Role of COTL1 in T cell development and activation	\$238,500
2013	GENESEGUES INC	MN	R43AI104158	Nanocapsule-mediated topical delivery of VLP-generating Dengue DNA vaccine	\$300,000
2013	MAYO CLINIC	MN	R01AI097187	Mechanisms and consequences of CD3 rearrangement during TCR triggering	\$373,650
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$500,149
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$361,942

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF MINNESOTA	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$357,200
2013	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$6,588,156
2013	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$485,235
2013	MAYO CLINIC	MN	R21AI101277	Risk of Herpes Zoster Among Adults with Asthma	\$190,234
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R13AI108235	ANNUAL AMERICAN SOCIETY FOR RICKETTSIOLOGY (ASR) WORKSHOP	\$15,500
2013	MAYO CLINIC	MN	R01AI096967	Immunovasive Mucosal Vaccines Against HIV-1	\$302,618
2013	MAYO CLINIC	MN	R21AI097337	Altered MHC ligand vaccine design	\$224,190
2013	MAYO CLINIC	MN	R56AI102959	Enhancing control of HIV by inhibiting TRAILshort	\$539,632
2013	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$394,975
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$313,424
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$342,158
2013	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$200,753
2013	UNIVERSITY OF MINNESOTA	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$357,200
2013	MAYO CLINIC	MN	R01AI081739	COMPETITIVE T LYMPHOCYTE RESPONSES TO MULTIPLE ANTIGENIC CHALLENGES	\$366,889
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$351,302
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI090147	MEROPENEM PRODRUGS FOR XDR-TB	\$224,359
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI100088	THE IMPACT OF IL-4 ON THE CD8 T CELL RESPONSE TO PATHOGENS	\$190,000
2013	MAYO CLINIC	MN	R01AI100911	Role of CC chemokine signaling in hyperglycemic renal artery stenosis	\$457,442
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$351,302
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$381,457
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$281,041
2013	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$178,867
2013	UNIVERSITY OF MINNESOTA	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,679,927
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$203,540
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI102625	Vaccine Design to Concentrate Protective Antibodies at the Mucosal Border	\$750,808
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI097672	COMMUNITY STRUCTURE AND THE EPIDEMIOLOGY OF HANTAVIRUS IN SOUTHERN CHILE	\$70,740

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2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$357,200
2013	UNIVERSITY OF MINNESOTA	MN	R03AI107081	A mouse to track dual TCR T cells	\$76,000
2013	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$380,030
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	DEVELOPMENT OF PARATRANGENIC TICKS FOR DISEASE CONTROL	\$408,301
2013	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$330,200
2013	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$347,615
2013	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$968,459
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$257,117
2013	MAYO CLINIC	MN	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$122,958
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081690	The Role of Plasmids in Rickettsia Biology	\$349,425
2013	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	\$1,395,274
2013	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI094133	RECEPTOR TYROSINE KINASE SIGNALING AND INFLUENZA VIRAL RNA SYNTHESIS	\$228,000
2013	MAYO CLINIC	MN	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$376,685
2013	UNIVERSITY OF MINNESOTA	MN	R21AI103328	Targeting a leukocyte disintegrin metalloprotease during bacterial pneumonia	\$190,000
2013	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$318,265
2013	WASHINGTON UNIVERSITY	MO	K08AI085030	Mechanisms of Innate Immune Memory	\$120,061
2013	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$350,092
2013	WASHINGTON UNIVERSITY	MO	R01AI077600	Epithelial Responses to Bacterial Invasion	\$350,092
2013	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R01AI083803	Biophysics of Drug Interactions with Viral Episomes	\$339,450
2013	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$257,536
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091588	Parvovirus-Cell Interactions	\$281,354
2013	SAINT LOUIS UNIVERSITY	MO	R21AI094478	T REGULATORY CELLS AND NEONATAL INNATE IMMUNITY	\$187,500
2013	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI094364	ANTIFUNGAL DRUG TARGET PRIORITIZATION USING CRYPTOCOCCUS NEOFORMANS	\$187,500
2013	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$357,200
2013	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$1,116,836
2013	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$285,760

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$318,265
2013	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$353,628
2013	WASHINGTON UNIVERSITY	MO	R01AI041592	C3, CR1, CRRY: INTERACTIONS, HOMEOSTASIS AND TRANSLATIONAL IMPLICATIONS	\$350,092
2013	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$148,050
2013	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$386,737
2013	WASHINGTON UNIVERSITY	MO	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$282,902
2013	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$350,092
2013	WASHINGTON UNIVERSITY	MO	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$350,092
2013	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$289,748
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$344,975
2013	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$357,200
2013	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$352,500
2013	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$357,200
2013	SAINT LOUIS UNIVERSITY	MO	R21AI099514	DEVELOPMENT OF NOVEL CHAGAS VACCINES	\$187,500
2013	WASHINGTON UNIVERSITY	MO	R01AI103280	FOSMIDOMYCIN RESISTANCE IN PLASMODIUM FALCIPARUM	\$315,614
2013	WASHINGTON UNIVERSITY	MO	K08AI106953	METABOLIC CONTROL OF TISSUE SPECIFIC MACROPHAGE DIFFERENTIATION	\$168,789
2013	WASHINGTON UNIVERSITY	MO	R01AI099099	BIOGENESIS AND INHIBITION OF BIOFILM-ASSOCIATED BACTERIAL AMYLOID	\$357,200
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R56AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$373,866
2013	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$288,488
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$475,632
2013	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$6,494,175
2013	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,473,389
2013	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$350,092

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2013	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$425,218
2013	SAINT LOUIS UNIVERSITY	MO	R21AI100682	HIV INTEGRASE STRUCTURAL BIOLOGY	\$176,250
2013	WASHINGTON UNIVERSITY	MO	R01AI089805	Novel Requirements for Akt1 in T Cell Commitment	\$144,400
2013	WASHINGTON UNIVERSITY	MO	UM1AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,415,585
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$643,710
2013	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	\$126,838
2013	WASHINGTON UNIVERSITY	MO	R21AI097865	EXPLORING THE C. ELEGANS TRANSCRIPTIONAL RESPONSE TO VIRAL INFECTION	\$190,000
2013	SAINT LOUIS UNIVERSITY	MO	R21AI099780	Mechanisms of IL28B genetic variation-mediated clearance of hepatitis C virus	\$211,500
2013	WASHINGTON UNIVERSITY	MO	R01AI106561	LIVER-RESIDENT NATURAL KILLER CELLS, VIRAL INFECTION, HEPATITIS AND MEMORY	\$200,000
2013	WASHINGTON UNIVERSITY	MO	R21AI105163	GENERATION OF BK CHANNEL PORE-GATE-DOMAIN PEPTIDES FOR FUNCTIONAL AND STRUCTURAL	\$228,000
2013	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$310,200
2013	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$350,092
2013	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$350,092
2013	SAINT LOUIS UNIVERSITY	MO	R21AI100213	DENGUE DIAGNOSTICS USING A NOVEL PEROXIDASE CHAIN REACTION (PXCR)	\$160,012
2013	WASHINGTON UNIVERSITY	MO	K23AI091690	TRANSMISSION DYNAMICS OF CA-MRSA AMONG HOUSEHOLD MEMBERS AND THE HOME ENVIRONMENT	\$126,506
2013	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	\$308,329
2013	WASHINGTON UNIVERSITY	MO	R01AI106361	HIV CORECEPTOR SHIFT	\$214,320
2013	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$629,648
2013	WASHINGTON UNIVERSITY	MO	R21AI097535	ROLE OF TCR SPECIFICITY IN SELECTING IL-10 PRODUCING CELLS IN THE COLON	\$228,000
2013	WASHINGTON UNIVERSITY	MO	F32AI100481	Host Factors in Cryptococcal Infection	\$53,942
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI101093	EXOSPORIUM DETERMINANTS OF BACILLUS ANTHRACIS	\$204,827
2013	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$357,200

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2013	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$676,864
2013	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$353,628
2013	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$381,225
2013	WASHINGTON UNIVERSITY	MO	R01AI047829	The V(D)J recombination reaction and its impact on lymphocyte development	\$353,628
2013	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2013	WASHINGTON UNIVERSITY	MO	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$1
2013	WASHINGTON UNIVERSITY	MO	R01AI094098	DESIGNING SELECTIVE INHIBITORS OF CALCIUM-DEPENDENT KINASES IN PARASITES	\$448,882
2013	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI087304	Prevention of HIV/AIDS by Stimuli-Sensitive Nanomedicine for Microbicide Delivery	\$321,261
2013	WASHINGTON UNIVERSITY	MO	R56AI099364	LEISHMANIA RNA VIRUS (LRV) INFECTIVITY AND HOST RESPONSES	\$492,535
2013	WASHINGTON UNIVERSITY	MO	K08AI104991	MECHANISMS OF THE NATURAL KILLER CELL ANTIVIRAL EFFECTOR RESPONSE	\$168,709
2013	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$383,653
2013	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$500,101
2013	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$627,983
2013	WASHINGTON UNIVERSITY	MO	R01AI079187	UNIQUE ROLES OF ANTIGEN PRESENTING CELLS ON T CELL TOLERANCE AND AUTOIMMUNITY	\$416,480
2013	WASHINGTON UNIVERSITY	MO	R01AI078795	CRYPTOCOCCAL INTERACTIONS WITH HOST CELLS	\$425,982
2013	SAINT LOUIS UNIVERSITY	MO	R01AI087764	Exploiting dual-TCR for rescue of CD8 T cell tolerance in adoptive immunotherapy	\$343,159
2013	WASHINGTON UNIVERSITY	MO	F32AI096853	CHARACTERIZATION OF ESSENTIAL RHOPTRY KINASES OF TOXOPLASMA GONDII	\$53,942
2013	WASHINGTON UNIVERSITY	MO	R01AI089870	MECHANISMS OF NATURAL KILLER CELL TOLERANCE	\$357,200
2013	MISSOURI STATE UNIVERSITY	MO	R15AI088594	ANTIMICROBIAL EFFECT OF A NEW CLASS OF LIGHT RESISTANT SILVER(I) COMPLEXES ADHESI	\$26,862
2013	WASHINGTON UNIVERSITY	MO	R01AI102882	HOST FACTORS IN CRYPTOCOCCAL PATHOGENESIS	\$393,162
2013	WASHINGTON UNIVERSITY	MO	R21AI101530	IMMUNOSUPPRESSION IN SEPSIS DETECTED BY REACTIVATION OF LATENT VIRUSES	\$178,600
2013	SAINT LOUIS UNIVERSITY	MO	R21AI105605	Universal T cell targeted influenza vaccine	\$225,000

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2013	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$261,188
2013	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$353,628
2013	WASHINGTON UNIVERSITY	MO	K08AI081751	INTEGRATION OF T CELL RECEPTOR AND CHEMOKINE SIGNALING IN THYMOCYTES	\$114,196
2013	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$404,244
2013	WASHINGTON UNIVERSITY	MO	R01AI084887	SUSCEPTIBILILTY GENE-VIRUS INTERACTIONS IN INFLAMMATORY BOWEL DISEASE	\$353,628
2013	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	\$282,000
2013	WASHINGTON UNIVERSITY	MO	R01AI104972	ISG CONTROL OF FLAVIVIRUS INFECTION	\$610,742
2013	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	\$357,200
2013	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$357,200
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI105584	Novel Cellular Factors Restricting Viral Membrane Fusion	\$228,750
2013	WASHINGTON UNIVERSITY	MO	R01AI097119	STRUCTURE AND FUNCTION OF PHOSPHOETHANOLAMINE METHYLTRANSFERASES: NEW ANTI-PARAS	\$214,320
2013	WASHINGTON UNIVERSITY	MO	R01AI107056	STRUCTURAL BASIS FOR IMMUNE EVASION BY RSV NON-STRUCTURAL PROTEINS	\$376,780
2013	WASHINGTON UNIVERSITY	MO	R01AI102924	MICRORNA REGULATION OF NK CELL DEVELOPMENT AND FUNCTION	\$357,200
2013	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$285,760
2013	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$357,200
2013	SAINT LOUIS UNIVERSITY	MO	F33AI098415	Poxvirus-mediated change to proteasomal peptide signatures in macrophages	\$62,030
2013	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$357,200
2013	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeuticcs for Chikungunya Virus	\$894,815
2013	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$350,077
2013	SAINT LOUIS UNIVERSITY	MO	R21AI097852	COMMITMENT AND PLASTICITY OF TH17 CELLS AND TREGS IN THE TUMOR MICROENVIRONMENT	\$187,500
2013	SAINT LOUIS UNIVERSITY	MO	R01AI106498	Aspartic Protease Inhibitors as Novel Antimalarials	\$186,380
2013	WASHINGTON UNIVERSITY	MO	R21AI105728	THE ROLE OF IL-34 IN THE BIOLOGY OF LANGERHANS CELLS	\$190,000
2013	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$629,751
2013	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$375,897

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2013	MISSISSIPPI STATE UNIVERSITY	MS	K22AI091652	IDENTIFYING BORRELIA TURICATAE GENES NEEDED FOR COLONIZATION AND TRANSMISSION FRO	\$108,000
2013	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI099922	BIOFILM DISSEMINATION IN STAPHYLOCOCCUS AUREUS	\$439,500
2013	MISSISSIPPI STATE UNIVERSITY	MS	R15AI099928	COINFECTION BY RICKETTSIAE IN AMBLYOMMA MACULATUM: IMPACT ON DISEASE TRANSMISSION	\$425,294
2013	MISSISSIPPI STATE UNIVERSITY	MS	R21AI103724	Relapsing Fever Spirochete Protein Production within the Vector	\$164,125
2013	MISSISSIPPI STATE UNIVERSITY	MS	R03AI103294	Zinc-binding lipoproteins of S. pneumoniae regulate invasiveness	\$72,250
2013	ELSOHLY LABORATORIES, INC	MS	R41AI108113	ORALLY ACTIVE FORMULATIONS OF DHA DIMERS FOR THE TREATMENT OF INFECTIOUS DISEASES	\$205,514
2013	MISSISSIPPI STATE UNIVERSITY	MS	R15AI107702	Glycan receptors specific for canine influenza infection	\$425,359
2013	UNIVERSITY OF MONTANA	MT	R21AI095804	ROLE OF SURFACE PROTEINS IN SAND FLY COLONIZATION BY BARTONELLA BACILLIFORMIS	\$166,263
2013	MONTANA STATE UNIVERSITY	MT	R01AI104905	Engineered virus-like nanoparticles targeting immunity needed for pan flu vaccine	\$171,291
2013	PROMILIAD BIOPHARMA INC	MT	R43AI106166	DEVELOPMENT OF STABLE ISOSTERES OF DIHYDROFOLATE REDUCTASE INHIBITORS AS ANTIBACT	\$287,766
2013	UNIVERSITY OF MONTANA	MT	R21AI099870	Molecular determinants of host-cell interactions required for arenavirus replicat	\$166,263
2013	MONTANA STATE UNIVERSITY	MT	R21AI097703	VACCINE AND THERAPEUTIC ANTIBODIES AGAINST GROUP A STREPTOCOCCUS	\$169,200
2013	MONTANA STATE UNIVERSITY	MT	R21AI094261	ROLE OF TOLL-LIKE RECEPTORS IN COXIELLA BURNETII INFECTION	\$169,200
2013	UNIVERSITY OF MONTANA	MT	R15AI103511	SMALL REGULATORY RNAS OF COXIELLA BURNETII - THE AGENT OF Q FEVER	\$421,034
2013	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$101,860
2013	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$335,091
2013	UNIVERSITY OF MONTANA	MT	R15AI105758	Understanding Etiology: Mapping Clostridium difficile Spatial Distribution and Mi	\$353,750
2013	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$305,304
2013	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$325,268
2013	MONTANA STATE UNIVERSITY	MT	R01AI103353	Mast cell dependent inflammatory cascade during influenza A virus infection	\$338,400

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$355,440
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$435,341
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$304,976
2013	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$192,320
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$2,536,441
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$537,591
2013	DUKE UNIVERSITY	NC	U01AI082107	DEVELOPMENT OF EFFICACIOUS AND STABLE NASAL VACCINE FORMULATIONS	\$670,949
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$1,363,879
2013	DUKE UNIVERSITY	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$139,656
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	\$362,871
2013	DUKE UNIVERSITY	NC	K23AI096913	Moving Towards More Individualized Therapies in HIV/HCV Co-infected Patients	\$88,700
2013	VIAMET PHARMACEUTICALS INC	NC	R21AI101497	Optimized CYP51 Inhibitors for the Oral Treatment of CNS Coccidioides Infections	\$145,000
2013	DUKE UNIVERSITY	NC	R21AI099784	Longitudinal assessment of CMV and BK virus immunity in renal transplant patients	\$225,398
2013	DUKE UNIVERSITY	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$359,387
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100654	Structural models for treatment and exposure effects in clinical HIV cohorts	\$369,516
2013	DUKE UNIVERSITY	NC	R21AI094564	EVALUATION OF THE NASAL ADJUVANT ACTIVITY OF ANGIOTENSIN PEPTIDE ANG-(1-7)	\$234,930
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	\$478,299
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Metabolic Evolution of Staphylococcus aureus	\$307,834
2013	DUKE UNIVERSITY	NC	R21AI097541	IDENTIFICATION OF CALCINEURIN-BINDING PROTEINS IN A. FUMIGATUS SEPTUM FORMATION	\$184,475
2013	DUKE UNIVERSITY	NC	R21AI099823	TARGETING OF INTERFERON-INDUCED HOST PROTEINS TO LEGIONELLA-CONTAINING VACUOLES	\$216,532
2013	DUKE UNIVERSITY	NC	R21AI106494	A novel HIV-1-neutralizing protein isolated from breast milk	\$235,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	DUKE UNIVERSITY	NC	F32AI108118	Biological Significance of Protatmine/Heparin Antibodies	\$62,132
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$357,200
2013	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$364,011
2013	DUKE UNIVERSITY	NC	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$24,983
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$181,642
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	\$306,961
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$341,329
2013	DUKE UNIVERSITY	NC	R01AI088009	IMPLEMENTATION SCIENCE TO OPTIMIZE MALARIA VECTOR CONTROL AND DISEASE MANAGEMENT	\$406,188
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$347,800
2013	DUKE UNIVERSITY	NC	R01AI093257	Evolution of Cryptococcus neoformans strains from patients with HIV/AIDS	\$428,656
2013	DUKE UNIVERSITY	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$29,580,100
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	\$347,800
2013	G1 THERAPEUTICS INC	NC	R44AI084284	ORGANISMAL RADIOPROTECTION THROUGH PHARMACOLOGICAL QUIESCENCE	\$1,000,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI095590	OPTIMIZING HPV VACCINATION: PARENTS, PROVIDERS AND PRE-TEEN BOYS	\$111,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099026	Optimizing the impact of Xpert MTB/RIF on treatment outcomes of drug resistant TB	\$523,383
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI104431	Development of Human beta cell-specific AAV Vectors for Type I Diabetes	\$214,320
2013	AGILE SCIENCES INC	NC	R41AI106066	Evaluation of a new class of molecules for treating MRSA infective endocarditis	\$300,000
2013	DUKE UNIVERSITY	NC	R01AI106380	Transmission-blocking potential of novel HIV Env-specific mucosal antibodies	\$474,093
2013	DUKE UNIVERSITY	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$368,950
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R56AI103557	HIGH-THROUGHPUT ASSAY DEVELOPMENT FOR THE DISCOVERY OF SMALL MOLECULE INHIBITORS	\$201,491
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI100694	Effects of Daily Cotrimoxazole on Malaria in HIV Exposed, Uninfected Infants	\$76,000
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI032983	CELLULAR INTERACTIONS OF VIRAL MATRIX PROTEIN	\$272,703

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2013	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,896,452
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$544,852
2013	DUKE UNIVERSITY	NC	R01AI081694	Chlamydia Effector Proteins	\$326,641
2013	DUKE UNIVERSITY	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	\$361,574
2013	DUKE UNIVERSITY	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$362,934
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$109,239
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$8,486,371
2013	DUKE UNIVERSITY	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$413,447
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI094269	Identification of bacteria-associated cues that regulate hatching of Aedes aegypt	\$186,250
2013	DUKE UNIVERSITY	NC	R03AI099667	SEROLOGY AS A MEASURE OF EXPOSURE AND DURATION OF INFECTION IN MALARIA TRIALS	\$63,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI097539	TEMPORAL ANALYSIS OF NITRIC OXIDE AS POTENTIAL SEPSIS BIOMARKER	\$207,292
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103311	The role of host and viral translation factors during HCMV infection	\$344,561
2013	DUKE UNIVERSITY	NC	R21AI106013	Mechanism for copper-deficiency mediated neutropenia	\$196,250
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI100775	MECHANISMS OF CELL-ASSOCIATED HIV TRANSMISSION IN HUMANIZED MICE	\$52,190
2013	DUKE UNIVERSITY	NC	R21AI095979	SUSTAINABLE FINANCIAL INCENTIVES TO IMPROVE PRESCRIPTION PRACTICES FOR MALARIA	\$143,700
2013	DUKE UNIVERSITY	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$122,905
2013	DAVIDSON COLLEGE	NC	R15AI098001	Identification and functional characterization of a novel positive cis-control el	\$408,230
2013	DUKE UNIVERSITY	NC	R01AI103197	IRGM-driven host responses to Chlamydia trachomatis infections	\$368,950
2013	DUKE UNIVERSITY	NC	R21AI108347	Regulation of PD-1 as a strategy against chronic HIV-1 infection	\$221,370
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI103549	Listeriosis Pathogenesis: Effect of Serogroup-specific Wall Teichoic Acid Changes	\$178,013
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI108159	Alternative Regulation of Novel NLR Variants with Specified Immune Functions	\$49,214
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R21AI108519	Developing a Theory of Change for Evaluating Participatory Practices in TB Trials	\$155,094
2013	DUKE UNIVERSITY	NC	UM1AI104681	Antibacterial Resistance Leadership Group (ARLG)	\$2,000,000

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2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$315,160
2013	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$662,826
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$186,113
2013	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$362,934
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054540	PROTEIN SECRETION PATHWAYS OF MYCOBACTERIUM TUBERCULOSIS	\$305,031
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$7,226,237
2013	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$368,950
2013	DUKE UNIVERSITY	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$7,442,164
2013	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$288,654
2013	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$370,125
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$350,510
2013	DUKE UNIVERSITY	NC	R01AI074944	AUTOPHAGY IN T LYMPHOCYTE FUNCTION	\$359,305
2013	DUKE UNIVERSITY	NC	R01AI074754	BCI-2 FAMILY IN T LYMPHOCYTE HOMEOSTASIS	\$359,305
2013	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$3,718,473
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$344,322
2013	GLOBAL VACCINES INC	NC	R01AI088250	Role of innate immune responses in the activity of an Alphavirus based adjuvant.	\$532,884
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	\$5,845
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	\$347,800
2013	DUKE UNIVERSITY	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$363,129
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$3,875,034
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	\$1,053,496
2013	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	\$313,129

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2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI100587	EVALUATION OF THE EFFECTS OF CHIKUNGUNYA N-LINKED GLYCOSYLATION ON PATHOGENESIS	\$21,291
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$369,518
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI099698	Early Events in the Pathogenesis of Pneumonic Plague	\$190,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI096139	ADENOSINE RECEPTORS AS THERAPEUTIC TARGETS FOR CHRONIC RHINOSINUSITIS	\$222,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Quasi-Enveloped Hepatovirus	\$357,200
2013	DUKE UNIVERSITY	NC	UM1AI069484	HIV/AIDS Clinical Trials Unit	\$2,520,183
2013	DUKE UNIVERSITY	NC	R33AI085401	Development of anti-Aspergillus single chain Abs as serum and imaging diagnostics	\$416,644
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$84,620
2013	DUKE UNIVERSITY	NC	U01AI107333	Epidermal growth factor mitigates radiation-induced hematopoietic failure	\$533,540
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107731	Molecular Basis of Dengue Virus Neutralization by Human Antibodies	\$473,049
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI103617	Why Are Steroids Ineffective at Suppressing RSV Bronchiolitis	\$178,600
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI107029	Regulation of Clostridium difficile Colonization Factors	\$303,572
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI102561	Evaluation of SARS-CoV 2'O Methyltransferase Mutants	\$52,190
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$156,042
2013	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,427,750
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079226	THE MOVEMENT OF INFLUENZA VIRUS IN HUMAN POPULATION	\$646,933
2013	DUKE UNIVERSITY	NC	K01AI083782	MATHEMATICAL MODELING IN CLINICAL TRIALS OF TUBERCULOSIS THERAPEUTICS	\$125,577
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079144	Epigenetics of Severe Systemic Inflammation	\$344,322
2013	DUKE UNIVERSITY	NC	R01AI088100	Role of osteopontin in innate immunity during infections and inflammation	\$366,523
2013	DUKE UNIVERSITY	NC	F32AI096866	C. trachomatis-mediated signaling pathways required for Type I IFN responses	\$53,942
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI099582	ROLE AND REGULATION OF A MOLECULAR MIMIC IN HISTOPLASMA PATHOGENESIS	\$222,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095052	A Phase II/II Investigation of the Effect of Vorinostat (VOR) in HIV Infection	\$531,261

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2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI100268	A NOVEL APPROACH OF BETA CELL REPLACEMENT TO REVERSE TYPE I DIABETES IN NOD MICE	\$181,757
2013	DUKE UNIVERSITY	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$128,817
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI094500	TRIM INTERACTIONS WITH ARTHRITIC ALPHAVIRUSES	\$181,885
2013	DUKE UNIVERSITY	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$410,365
2013	DUKE UNIVERSITY	NC	R21AI100760	ANTIBODY PROTECTION AGAINST SIV TRANSMISSION	\$196,250
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI095180	PREVENTION AND ANTIVIRAL TREATMENT FOR EBV LYMPHOMAGENESIS	\$178,600
2013	DUKE UNIVERSITY	NC	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$340,616
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI105271	Factors Affecting Dissemination Events Early in Bubonic Plague	\$188,238
2013	DUKE UNIVERSITY	NC	R21AI102814	HIV-1 NEUTRALIZING ANTIBODY BINDING TO VIRAL MEMBRANE MIMICS	\$177,360
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100067	Molecular Mechanisms Associated with Immune Maturation in Infants	\$408,900
2013	DUKE UNIVERSITY	NC	T32AI100851	Transplant Infectious Diseases Interdisciplinary Research Training Grant (TIDIRTG	\$79,433
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI107810	Characterization of novel genes encoded ty RNA and DNA viruses	\$2,027,645
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense and Emerging Pathogens in the Collaborative Cross	\$4,030,980
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$580,127
2013	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$654,821
2013	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$359,305
2013	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$298,955
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$3,223,156
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$172,879
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$420,819
2013	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$292,170
2013	DUKE UNIVERSITY	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$540,847

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2013	DUKE UNIVERSITY	NC	K08AI087992	SIV-SPECIFIC IMMUNITY IN BREAST MILK DURING INFECTION AND AFTER VACCINATION	\$38,700
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095031	Preventing HIV Infection in Women: Targeting Antiretrovirals to Mucosal Tissues	\$668,820
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$403,201
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$346,286
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$340,471
2013	RESEARCH TRIANGLE INSTITUTE	NC	R01AI091882	INHALED CAPRAZAMYCIN FOR TUBERCULOSIS THERAPY	\$356,973
2013	DUKE UNIVERSITY	NC	K02AI093866	Independent Scientist Award for Radiation Research	\$100,197
2013	DUKE UNIVERSITY	NC	R01AI102747	Mucosal vaccination to protect against HIV-1 infection at mucosal sites	\$651,648
2013	DUKE UNIVERSITY	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$687,904
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099969	Developing High-Throughput Assays for M. tuberculosis Tat Pathway Inhibitors	\$347,800
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI101675	Assembly of Live Nipah Virus with Complement Factors	\$79,715
2013	DUKE UNIVERSITY	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	\$368,950
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI108368	ADVANCING HIV RESEARCH IN PREGNANCY; ETHICS AND ENGAGEMENT	\$712,833
2013	DUKE UNIVERSITY	NC	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$368,950
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI103390	University of North Carolina Womens Interagency HIV Study UNC WIHS	\$1,600,001
2013	DUKE UNIVERSITY	NC	R03AI106835	B cell metabolism in activation and autoantibody production	\$78,500
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$194,498
2013	DUKE UNIVERSITY	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$128,817
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$409,466
2013	DUKE UNIVERSITY	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$364,522
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$346,286
2013	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$298,610

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$297,615
2013	DUKE UNIVERSITY	NC	R03AI101992	MODELING THE SPECTRUM OF HIT PATHOBIOLOGY	\$78,500
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083269	Age-Dependent Thymic Events and the Development of Autoimmune T Cells in NOD Mice	\$341,754
2013	DUKE UNIVERSITY	NC	R21AI100257	DEVELOPMENT OF ANTI-SALMONELLA SINGLE-CHAIN ABS AS SERUM DIAGNOSTICS	\$232,058
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI079240	Innate Immunity in Bullous Pemphigoid	\$344,322
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI096728	INTER-BACTERIAL COMPETITION SYSTEMS IN BURKHOLDERIA PSEUDOMALLEI	\$53,942
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	\$552,662
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI100053	Point-of-care virologic testing to improve outcomes of HIV-infected children	\$910,446
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI104420	HIV Infection of Myeloid Lineage Cells	\$47,114
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI108366	Unintended and Intended Implications of HIV Cure: A Social and Ethical Analysis	\$571,984
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI108539	Development of novel methods to exploit next gen sequencing for HIV	\$205,155
2013	DUKE UNIVERSITY	NC	R56AI107951	Enzymology of Chlamydia Pathogenesis	\$282,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$5,018,251
2013	DUKE UNIVERSITY	NC	R13AI084562	Infectious Diseases in Africa: Immune Escape and HIV Vaccines	\$25,000
2013	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$340,880
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$305,308
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$384,729
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Prevention of HIV Acquisition by Long-acting Antiretroviral PrEP	\$595,276
2013	DUKE UNIVERSITY	NC	P01AI081672	SP-A as an immune modulator	\$1,358,183
2013	DUKE UNIVERSITY	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$764,373
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$125,002
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$2,176,000
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$70,722

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	DUKE UNIVERSITY	NC	K22AI093595	Functional genomics of human variation to Salmonella invasion	\$108,000
2013	DUKE UNIVERSITY	NC	F31AI106519	Epigenetic Control of the CD8+ T-cell Response to HIV	\$31,596
2013	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI105613	The Role of Recycling Immune Complexes in the Breakdown of Tolerance	\$264,238
2013	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	R56AI100695	EDICT: Effective Delivery of Informed Consent Trial	\$619,898
2013	DUKE UNIVERSITY	NC	R21AI106443	Critical domains for HIV-1 entry through atypical coreceptor usage	\$221,370
2013	UNIVERSITY OF NORTH DAKOTA	ND	R21AI101644	MECHANISM OF SEPSIS DEVELOPMENT IN PULMONARY BACTERIAL INFECTION	\$180,206
2013	ALTRAVAX INC	ND	R43AI100688	GERMLINE-SPECIFIC IMMUNOGENS FOR THE INDUCTION OF NEUTRALIZING ANTIBODIES TO HIV-	\$300,000
2013	ALTRAVAX INC	ND	R01AI102706	Germline-Specific Immunogens for the Induction of Neutralizing Antibodies to HIV-	\$551,463
2013	UNIVERSITY OF NORTH DAKOTA	ND	R03AI097532	CERAMIDE MEMBRANE MICRODOMAINS REGULATE CYTOKINE SECRETION	\$69,000
2013	UNIVERSITY OF NORTH DAKOTA	ND	R21AI105662	Passerine filariasis and West Nile virus transmission	\$207,000
2013	ALTRAVAX INC	ND	R43AI102301	NOVEL THERAPEUTIC VACCINES FOR CHRONIC HBV	\$300,000
2013	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI101968	EOSINOPHIL TRAFFICKING IN FUNGAL ALLERGIC ASTHMA	\$434,750
2013	ALTRAVAX INC	ND	R43AI100526	NOVEL TETRAVALENT VACCINES FOR DENGUE VIRUS	\$298,472
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI097802	INCREASING THE ANTISCHISTOSOMAL SELECTIVITY OF ARYL HYDANTOINS	\$149,407
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	\$201,981
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	\$381,197
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$272,025
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI075167	Estrogen Receptor a Regulation of Lupus Development and Pathogenesis	\$469,717
2013	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	\$288,792
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	R56AI100929	Generation and Regulation of Anti-Viral CD4 T Cells with Cytolytic Potential	\$351,312
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,829,495
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI087668	CITRIC ACID CYCLE REGULATION OF EXOPOLYSACCHARIDE SYNTHESIS IN STAPHYLOCOCCI	\$329,178

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2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI103725	Leveraging RC-12 for Radical Cure of Plasmodium Vivax	\$212,875
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI105147	Database designed novel anti-MRSA peptides	\$353,675
2013	CREIGHTON UNIVERSITY	NE	R01AI080348	A Proteomic and Biochemical Study of HIV-1 Nucleoprotein Complexes	\$337,194
2013	UNIVERSITY OF NEBRASKA LINCOLN	NE	R56AI099062	INTRACELLULAR DEFENSES AGAINST FOREIGN DNA: INSIGHTS FROM POXVIRUS-INFECTED CELLS	\$340,339
2013	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$556,504
2013	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$438,564
2013	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$395,233
2013	DARTMOUTH COLLEGE	NH	R21AI104514	Parasite secreted proteins control host response to Toxoplasma gondii infection	\$201,979
2013	DARTMOUTH COLLEGE	NH	R01AI106937	The role of CshA and CshB in selective mRNA protection in S. aureus	\$380,504
2013	DARTMOUTH COLLEGE	NH	R01AI041930	T. GONDII: PYRIMIDINE SYNTHESIS AS A CHEMO TARGET	\$363,912
2013	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$368,288
2013	DARTMOUTH COLLEGE	NH	R01AI083256	cdiGMP regulation of Biofilm Formation	\$363,912
2013	IMMURX INC	NH	R44AI080030	PRECLINICAL DEVELOPMENT OF A NOVEL AND POWERFUL IMMUNOTHERAPEUTIC	\$864,478
2013	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	\$371,300
2013	DARTMOUTH COLLEGE	NH	F32AI108250	Interspecies Interactions in the Cystic Fibrosis Lung	\$1
2013	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	\$457,767
2013	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	\$428,795
2013	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$527,943
2013	IMMUNEXT INC	NH	R44AI098261	Safe and effective anti CD154 antibodies for therapeutic intervention	\$998,002
2013	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$443,175
2013	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$428,949
2013	DARTMOUTH COLLEGE	NH	R13AI106495	REGULATION OF THE REPRODUCTIVE TRACT ENVIRONMENT AND PREVENTION OF HIV INFECTION	\$5,000
2013	DARTMOUTH COLLEGE	NH	R01AI089805	Novel Requirements for Akt1 in T Cell Commitment	\$226,800
2013	IMMUNEXT INC	NH	R41AI100418	VALIDATION OF A NEGATIVE REGULATOR AS A NOVEL THERAPY FOR AUTOIMMUNE DISEASE	\$300,000

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2013	IMMUNEXT INC	NH	R41AI102375	SAFE AND EFFECTIVE ANTI-CD154 ANTIBODIES FOR THERAPEUTIC INTERVENTION	\$290,914
2013	DARTMOUTH COLLEGE	NH	R21AI098122	COMPUTATIONALLY OPTIMIZED ANTI-STAPHYLOCOCCAL BIOTHERAPEUTICS	\$238,613
2013	DARTMOUTH COLLEGE	NH	R21AI105563	Toxoplasma gondii GRA protein function	\$190,155
2013	DARTMOUTH COLLEGE	NH	R01AI078195	CHEMOKINES IN AUTOIMMUNE HEPATITIS	\$368,288
2013	DARTMOUTH COLLEGE	NH	R01AI102691	Applying High-Performance Protein Engineering Tools to HIV Immunogen Design	\$472,067
2013	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$285,232
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$676,603
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080653	RAPID DIAGNOSIS OF XDR TUBERCULOSIS	\$493,460
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	UM1AI069537	NJMS Clinical Trials Unit: Targeting Pediatric, Adolescent, and Material HIV Infe	\$291,959
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	F32AI098617	Discovery of Novel HIV-1 Reverse Transcriptase Inhibitors by Fragment Screening	\$49,214
2013	ADVANCED BIODEVICES LLC	NJ	R33AI082738	MICROBICIDE DELIVERY SYSTEM TO TARGET LYMPHOID ORGANS	\$391,356
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$190,557
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI104660	Therapeutics for Drug-Resistant Bacteria: Pseudouridimycins	\$1,048,947
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	\$119,949
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$546,378
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$2,909,196
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$538,528
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$204,337
2013	SIGNUM BIOSCIENCES INC	NJ	R44AI062034	A TOPICAL NON STEROIDAL ANTI-INFLAMMATORY FOR ROSACEA	\$978,283
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$94,383
2013	PRINCETON UNIVERSITY	NJ	R01AI087672	Human cytomegalovirus latency in cultured monocytes	\$337,110
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	\$492,342
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI101349	Modulation of Human Immunity by Mycobacterium leprae	\$186,825
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094167	IDENTIFICATION OF THE TARGET OF A COMPOUND THAT INHIBITS PLASMODIUM SPOROZOITES	\$0

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2013	PRINCETON UNIVERSITY	NJ	R01AI097382	Mechanisms and consequences of metabolic manipulation by human cytomegalovirus	\$521,048
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI092011	Role of the ribosomal stalk in the activity of Shiga toxins	\$193,750
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$448,380
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	\$5,301
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R03AI101669	X-ray Crystallographic Analysis of Diguanylate Cyclase Enzyme-Inhibitor Complexes	\$74,198
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103636	Linking Triazole Resistance and Fitness in Aspergillus fumigatus	\$195,451
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	Inhibitors targeting ribosome interactions of ricin	\$441,208
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$89,880
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	\$1
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$364,250
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$986,226
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI102718	Optimizing protective vaccine targets in the V1/V2 domain of HIV-1 gp120	\$515,450
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI099315	ROLE OF FASCIN1 IN DENDRITIC CELL-MEDIATED IMMUNITY AGAINST LISTERIA INFECTION	\$77,500
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI107811	Generation and characterization of CD40L-modified Mice	\$74,737
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI102826	Implication of RNase H domain on dimer stability and drug sensitivity of HIV-1 RT	\$186,825
2013	PRINCETON UNIVERSITY	NJ	R21AI105342	Aminoglycoside-Enabled Elucidation of Persister Metabolism	\$188,660
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$362,120
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	\$28,386
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI083988	The function of PLZF in innate T cells	\$47,329
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$70,933
2013	PRINCETON UNIVERSITY	NJ	F32AI095002	Negative regulation of virulence in Pseudomonas aeruginosa	\$55,670
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	\$211,711

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2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$1,036,895
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI106551	A rapid molecular approach to determine PZA susceptibility	\$227,527
2013	PRINCETON UNIVERSITY	NJ	R01AI107301	Genetic viral and host adaptations to breach species barriers of HCV	\$378,350
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$306,790
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI031678	CYTOKINE GENE EXPRESSION DURING IN VIVO IMMUNE RESPONSE	\$366,215
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F31AI098408	Immune regulatory mechanisms and fungus-specific memory T cell responses	\$28,386
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$565,927
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$543,505
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$159,081
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$351,988
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083988	The function of PLZF in innate T cells	\$393,673
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI080659	MECHANISTIC STUDIES OF HCV E2	\$360,608
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$369,914
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI100379	Vitamin D and Innate Immunity in Respiratory Infections	\$126,074
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$25,902
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI095649	Leukocyte subset identification by single cell analysis of BTB-ZF gene	\$104,850
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095649	Leukocyte subset identification by single cell analysis of BTB-ZF gene	\$93,276
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI106398	Lesion-centric imaging and PK-PD of pyrazinamide for TB/HIV co-infection	\$771,638
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R13AI106233	BIOMARKERS FOR TUBERCULOSIS: NEW QUESTIONS, NEW TOOLS	\$5,000
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI107588	Innate type 2 immune mechanisms of resistance	\$387,985
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$535,987
2013	PRINCETON UNIVERSITY	NJ	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$162,449
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$76,308
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI108290	Location: Its role in protein-RNA contact during trypanosome gene regulation	\$12,362

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2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI103636	Linking Triazole Resistance and Fitness in Aspergillus fumigatus	\$43,006
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI103781	Synthetic lethality of bicyclomycin	\$213,160
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI110372	Modulation of innate immunity,microbiome and HIV transmission by Depo-Provera	\$522,582
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI104615	FISH-Flow platform for host-based tuberculosis diagnostics	\$1,354,623
2013	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$173,378
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$1,140,206
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$336,285
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI100379	Vitamin D and Innate Immunity in Respiratory Infections	\$71,380
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI090155	The molecular basis of the carbapenem resistance epidemic	\$762,236
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	UM1AI069537	NJMS Clinical Trials Unit: Targeting Pediatric, Adolescent, and Material HIV Infe	\$334,028
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI094167	IDENTIFICATION OF THE TARGET OF A COMPOUND THAT INHIBITS PLASMODIUM SOROZOITES	\$238,500
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$334,663
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$179,948
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F32AI102566	Immunopathogenesis of Spinal Tuberculosis (TB)	\$12,751
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI103781	Synthetic lethality of bicyclomycin	\$24,965
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI105747	The Molecular Mechanisms by which the Paf Oncogene Mediates Hematopoiesis	\$78,072
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	T32AI007403	Virus-Host Interactions in Eukaryotic Cells	\$175,742
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$189,503
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$293,902
2013	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$361,100
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	\$224,190
2013	Rutgers, The State Univ Biomedical & Health Sciences	NJ	F32AI102566	Immunopathogenesis of Spinal Tuberculosis (TB)	\$24,035

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2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI104669	Development of IFN-lambda3 for the Prevention and Treatment of Virus Infection	\$150,180
2013	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI106551	A rapid molecular approach to determine PZA susceptibility	\$7,973
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$454,290
2013	NEW MEXICO STATE UNIVERSITY	NM	SC1AI109055	Characterization of amino acid transport- and signaling in the mosquito fat body	\$365,000
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI045452	Andes virus transmission and pathogenesis in Chile	\$516,389
2013	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI106437	Quantifying The Effect Of HIV Latency	\$236,638
2013	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI104373	Quantifying Immune VS. Viral Killing of SIV Infected and Latently Infected Cells	\$644,486
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI083305	A VLP-BASED PLATFORM FOR VACCINE DISCOVERY	\$281,041
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$403,164
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI087807	Understanding the biology of schistosomes in response to praziquantel	\$359,852
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	Mapping for Specialized Domains for FCeRI Signaling & Internalization	\$364,509
2013	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$315,067
2013	SANDIA NATIONAL LABORATORIES	NM	R01AI098853	Microfluidic Platform for Multiplexed Diagnostics	\$906,932
2013	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$573,883
2013	CALDERA PHARMACEUTICALS INC	NM	R44AI079935	Selective Decorporation Agents for NIAID	\$1,000,000
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKCtheta in T cell and T-ALL migration	\$354,850
2013	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI097154	Three-Dimensional Molecular Tracking of IgE-Fc {epsilon}RI in Live Cells	\$382,484
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI084081	UNIVERSITY OF NEW MEXICO INTERDISCIPLINARY HPV PREVENTION CENTER	\$2,597,969
2013	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$319,751
2013	DXDISCOVERY INC	NV	R41AI108114	Biomarker discovery for immunodiagnosis of invasive candidiasis	\$300,000
2013	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$293,897
2013	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI090573	Understanding transcriptional silencing & anti-silencing mechanisms in Shigella	\$431,515
2013	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$638,260
2013	UNIVERSITY OF NEVADA-RENO	NV	R33AI085548	Target discovery and immunoassay for diagnosis of invasive aspergillosis	\$361,662
2013	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI103883	THE ROLE OF CALCIUM-DPA IN THE VIRULENCE OF BACILLUS ANTHRACIS SPORES	\$398,515

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	\$284,693
2013	UNIVERSITY OF NEVADA-RENO	NV	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$315,747
2013	UNIVERSITY OF NEVADA-RENO	NV	R03AI098038	ENDEMIC MAINTENANCE OF RELAPSING FEVER GENOTYPES.	\$70,500
2013	UNIVERSITY OF NEVADA-RENO	NV	R01AI105000	KSHV Lytic DNA Replication and its Control Mechanism	\$335,181
2013	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure Biology of Mycobacterium Tuberculosis Pup-Proteasome Pathway	\$419,833
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$428,976
2013	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$363,075
2013	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$59,022
2013	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$289,287
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$599,881
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$352,000
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$420,337
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,524,997
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080624	MODULATION OF THE HOST RESPONSE TO INFLUENZA VIRUS INFECTION: THE IKKE KINASE	\$383,202
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083509	FAIM in Immunity and Autoimmunity	\$386,199
2013	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	\$355,381
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$595,619
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI085584	EXPLOITING FATTY ACID METABOLISM TO CURE MALARIA	\$382,655
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$130,274
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$131,085
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$469,051
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI091633	Translocation through TonB-dependent transporters	\$156,040
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$378,350

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2013	ROCKEFELLER UNIVERSITY	NY	R01AI090055	Simianizing hepatitis C: Defining the species-tropism of a hepatotropic virus	\$353,080
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	\$413,782
2013	COLUMBIA UNIVERSITY	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$623,344
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAdete	\$397,150
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$569,199
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$757,876
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$1,273,956
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	\$243,835
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	\$415,275
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$130,113
2013	BIOPEPTIDES INC	NY	R43AI102435	DEVELOPMENT OF A CYTOKINE RELEASE ASSAY AS A DIAGNOSTIC TEST FOR LYME DISEASE	\$300,000
2013	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$418,075
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI099517	HUMAN B1 CELL IMMUNOGLOBULIN	\$79,195
2013	COLUMBIA UNIVERSITY	NY	R01AI100044	A Combination Intervention Package for Isoniazid Preventive Therapy in Ethiopia	\$537,707
2013	POPULATION COUNCIL, INC	NY	R21AI098645	A NOVEL VAGINAL RING TO PREVENT HIV AND HSV-2 INFECTION, AS WELL AS PREGNANCY	\$194,226
2013	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	\$381,467
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI101794	Naturally occurring human antibodies to alphavirus infection	\$261,074
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$469,702
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$586,056
2013	UNIVERSITY OF ROCHESTER	NY	R03AI099681	SINGLE-CYCLE INFECTIOUS CANDID#1 TO STUDY HEMORRHAGIC FEVER NEW WORLD ARENAVIRUS	\$76,750
2013	New York Blood Center, Inc.	NY	R01AI105431	Development of a novel adjuvant for vaccine sparing	\$1,393,822
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI103450	New molecular techniques for T. cruzi	\$235,470

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2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104848	Post-transcriptional regulation of the Dendritic Cell transcriptome	\$398,325
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI103268	Role of precipitous virulence in invasiveness of community-acquired methicillin-r	\$398,325
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI105502	Overcoming established anaphylactic hypersensitivity to peanuts	\$163,138
2013	COLUMBIA UNIVERSITY	NY	R01AI103854	MRSA Activation of Human Keratinocyte Signaling	\$376,000
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$1,045,159
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI101425	Airway Cellular and Cytokine Profiles in Older Patients with Asthma	\$238,995
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$726,961
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$382,338
2013	COLUMBIA UNIVERSITY	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$370,602
2013	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$371,913
2013	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$513,873
2013	TRUDEAU INSTITUTE	NY	R01AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$456,934
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI043578	GRAFT REJECTION AND DIRECT VERSUS INDIRECT RECOGNITION	\$388,280
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$444,642
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$677,547
2013	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$367,602
2013	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$656,985
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$499,096
2013	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$364,861
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	\$134,163
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$397,150
2013	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$394,580
2013	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$183,974
2013	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$181,642

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$389,248
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080755	MECHANISM AND REGULATION OF V(D)J REPAIR	\$305,124
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080619	CD4 T CELL RESPONSES TO M. TUBERCULOSIS INFECTION	\$437,385
2013	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$323,500
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$634,065
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI083219	Immunochemotherapy in Visceral Leishmaniasis	\$453,934
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093870	Modeling the development and maintenance of peripheral naive T cell populations	\$336,696
2013	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$400,353
2013	CORNELL UNIVERSITY	NY	R01AI085286	Genetic and Evolutionary Basis of Fungal Drug Resistance	\$310,009
2013	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$2,282,525
2013	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$1,152,093
2013	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$874,355
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$390,100
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$2,697,066
2013	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R33AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$380,364
2013	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$398,325
2013	SUNY, BUFFALO	NY	R21AI097879	MEMBRANE BIOPHYSICS OF ENTEROTOXIN MEDIATED IMMUNOMODULATION	\$186,238
2013	COLUMBIA UNIVERSITY	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	\$376,000
2013	COLUMBIA UNIVERSITY	NY	F31AI098409	Characterization of Antibody-Dependent Cellular Cytotoxicity in HIV Infection	\$26,232
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$397,150
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$437,100
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099970	Implementation science to optimize HIV prevention in East Africa PEPFAR programs.	\$883,496
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI095245	Control of protective immunity by innate pathways sensing bacterial viability	\$398,325

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2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI096977	Induction of HIV Neutralizing Antibodies by Targeting Macaque B Cell Receptors	\$168,562
2013	ROCKEFELLER UNIVERSITY	NY	F32AI096890	Chemical Probes for Type III Protein Secretion in Bacterial Pathogens	\$49,214
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$386,834
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI102240	DISCOVERY AND EVALUATION OF ANTI-FILOVIRUS THERAPEUTICS TARGETING NPC1	\$187,481
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI093231	Evaluating Innate Immune Responses in Dendritic Cells During HIV Infection	\$3,077
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI101296	MOUSE ALLERGEN INTERVENTION AND DNA METHYLATION OF ASTHMA REGULATORY GENES	\$196,937
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI101533	Mechanistic studies of rot-mediated regulation of Staphylococcus aureus virulence	\$254,250
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI100292	ACTIVE AND ARRESTED PARAMYXOVIRUS FUSION MACHINERY VISUALIZED BY CRYO-ELECTRON TO	\$220,978
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI100138	Criteria-Directed Vaccine Generation Via Ag Mimicry, Adjuvancy, And APC-Targeting	\$584,009
2013	TECHNOVAX INC	NY	R43AI106145	Broadly protective (universal) virus-like particle (VLP) based influenza vaccine	\$300,000
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI105987	Reprogramming Host Immune Responses to Cure or Control Persistent HPV Infection	\$310,883
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI097568	P38 MAP KINASE INHIBITORS AS THERAPEUTICS TARGETING EBOLAVIRUS ENTRY	\$191,055
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI097548	Drugs targeting persistent Mycobacterium Tuberculosis	\$689,918
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$524,558
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI103341	Mucosal Immunization Against P. aeruginosa by Modified Adenovirus Vectors	\$398,129
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI107762	Immune cell gene expression and predictive models in CFS	\$528,745
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI105684	Novel serological biomarker for rapid tuberculosis diagnosis	\$235,470
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI104234	Antibody immunity to serotype 3 Streptococcus pneumoniae	\$407,218
2013	UNIVERSITY OF ROCHESTER	NY	R01AI103507	Development of AK-based assays for antimicrobial screening	\$375,986
2013	COLUMBIA UNIVERSITY	NY	R01AI106629	Regulation of HIV-1 Gene Expression in Latency by YY1, RuvB2, and ZAP	\$200,000

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2013	UNIVERSITY OF ROCHESTER	NY	R33AI094511	The Semen Enhancer of HIV Infection as a Novel Microbicide Target	\$367,678
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$673,865
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$390,399
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$260,868
2013	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$1,597,142
2013	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$677,582
2013	UNIVERSITY OF ROCHESTER	NY	F31AI094955	Platelet Mediated Immune Responses in Experimental Cerebral Malaria	\$42,232
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$441,328
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI035004	Women's Interagency HIV Study (WIHS-V)	\$3,374,980
2013	SUNY, STONY BROOK	NY	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$290,208
2013	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$348,914
2013	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$370,592
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI042783	Peptide Autoinducers of Staphylococcal Pathogenicity	\$445,416
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular and Molecular Defects in Human B Cell Development	\$1,809,366
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	RNA Protein interactions in HIV-1 replication	\$420,063
2013	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$408,301
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$569,279
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$386,199
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	Binding and Presentation of Lipid Antigens by CD1	\$382,338
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$271,747
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$223,050
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$190,888
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$436,694
2013	SUNY, BINGHAMTON	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$243,308
2013	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078251	NOVEL ANTIMICROBIALS TARGETING CELL DIVISION	\$353,254
2013	ROCKEFELLER UNIVERSITY	NY	U01AI088685	Genetic predisposition to tuberculosis in Morocco	\$623,948

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2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$679,008
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083901	Regulation of the anti-phospholipid response in SLE	\$440,043
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$42,232
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI089246	Genomic Determinants of Intrinsic Antiviral Host Defenses	\$400,652
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI090249	Targeting Viral Envelope Glycoproteins with Synthetic Antibodies	\$386,199
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$451,620
2013	CORNELL UNIVERSITY	NY	R01AI092571	Structural Controls of Functional Receptor and Antibody Binding to Viral Capsids.	\$363,037
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$133,638
2013	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular Quiescence and Stabilization in Immunity	\$408,301
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$570,778
2013	NEW YORK UNIVERSITY	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$623,691
2013	COLUMBIA UNIVERSITY	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination and Somatic Hypermutation	\$373,547
2013	THERAPYX INC	NY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2013	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI079884	Rapid DPP test for tuberculosis	\$915,648
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI106754	Multiscale analysis of influenza host-pathogen interactions: Fluomics	\$4,822,003
2013	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$412,425
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$397,150
2013	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$363,075
2013	ROCKEFELLER UNIVERSITY	NY	R21AI100188	UPREGULATION OF ZAP EXPRESSION AS A NOVEL APPROACH FOR ANTI-ALPHAVIRUS THERAPY	\$199,163
2013	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI097694	BLK AS A MASTER REGULATOR OF MARGINAL ZONE B CELL DEVELOPMENT AND ACTIVATION	\$224,895
2013	SUNY, STONY BROOK	NY	R21AI102577	ROLE OF ADENOVIRUS CORE PROTEINS IN INNATE SIGNALING AND VIRAL GENOME PACKAGING	\$222,075
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI101333	DESIGN OF CNS-TARGETED PEPTIDE ENTRY INHIBITORS FOR EMERGING HENIPAVIRUSES	\$218,065

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2013	SUNY, STONY BROOK	NY	R03AI101737	A Novel Strategy for Recombinant Adeno-Associated Virus Vector Production	\$78,625
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$348,553
2013	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	\$323,148
2013	SUNY, STONY BROOK	NY	R21AI097951	DENGUE INFECTED ENDOTHELIAL CELLS ENHANCE IMMUNE CELL ACTIVATION	\$222,075
2013	CUNY, RESEARCH FOUNDATION	NY	R21AI105050	Diversity and dispersal routes of bat-borne paramyxoviruses in densely populated	\$195,802
2013	THERAPYX INC	NY	R43AI104067	Therapy and Prophylaxis for Genital Tract Infection	\$300,000
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI098395	Molecular and Cellular Basis of Toxin Mediated Pathogenesis in Staphylococcus aur	\$52,190
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI104471	Identifying human antibodies that potently neutralize cell-to-cell HIV infection	\$238,995
2013	LITRON LABORATORIES, LTD	NY	R43AI098276	RAPID ASSESSMENT OF RADIATION EXPOSURE	\$223,371
2013	ALBANY COLLEGE OF PHARMACY	NY	R15AI107698	Repression of Inflammasome by Francisella tularensis	\$465,000
2013	ROCKEFELLER UNIVERSITY	NY	K99AI106942	ISG15 responsive pathway	\$106,206
2013	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$397,961
2013	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$535,270
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$430,310
2013	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$408,301
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,592,593
2013	CORNELL UNIVERSITY	NY	R01AI022449	Antigen Binding, Crosslinking and Transmembrane Signaling	\$363,204
2013	UNIVERSITY OF ROCHESTER	NY	U19AI056390	AUTOIMMUNITY CENTER OF EXCELLENCE - ROCHESTER	\$602,785
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$397,150
2013	COLUMBIA UNIVERSITY	NY	R01AI050234	Role of pfcr1 in chloroquine resistance in P. falciparum	\$376,000
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$2,320,181
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$216,187
2013	UNIVERSITY OF ROCHESTER	NY	R01AI077674	B-CELL TOLERANCE MECHANISMS IN HUMAN SLE	\$354,699
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$389,248
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$410,597

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2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$386,199
2013	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$477,940
2013	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$137,160
2013	SUNY, STONY BROOK	NY	R01AI080892	Regulation of TCR Signaling by Sts-1 and Sts-2	\$361,081
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081848	Exposing virus-induced long noncoding RNA in plasmacytoid dendritic cells	\$393,141
2013	ROCKEFELLER UNIVERSITY	NY	R01AI089844	BIOGENESIS OF HIV 1 IN LIVING CELLS	\$393,179
2013	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	\$16,522
2013	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$368,802
2013	SUNY, BUFFALO	NY	F32AI092902	Fundamental Aspects of Kinetoplastid Mitochondrial RNA Stability	\$7,419
2013	ROCKEFELLER UNIVERSITY	NY	R21AI098109	INTERACTIONS OF HELICOBACTER PYLORI CAGA WITH HOST FACTORS	\$238,995
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI094957	A Comparative Study of M. tuberculosis and M. bovis BCG of T cell responses	\$42,232
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,465
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R03AI097688	RICIN TOXIN: NEUTRALIZING ANTIBODIES AND VACCINE DESIGN	\$67,754
2013	BRONX-LEBANON HOSPITAL CENTER	NY	UM1AI069413	Bronx-Lebanon Hospital Clinical Trials Unit	\$604,491
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI102502	Macrophage Differentiation in Acute and Chronic Helminth Infection.	\$52,190
2013	CORNELL UNIVERSITY	NY	F32AI100545	Host cell receptor variation and control of viral cross-species transmission	\$52,190
2013	COLUMBIA UNIVERSITY	NY	R01AI101251	Understand the Role of Meningeal Dendritic Cells in CNS Anti-viral Immunity	\$373,073
2013	New York Blood Center, Inc.	NY	R01AI104416	Design of inhibitors targeted to the CD4 binding site on HIV-1 gp120	\$744,290
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100724	A preclinical assessment of monthly intramuscular GSK1265744, an InSTI, as PrEP	\$1,591,251
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI103338	Enhancing Pathogen-specific Memory CD8+ T cell Responses in Vivo	\$392,450
2013	SUNY, BUFFALO	NY	R21AI102212	ENHANCING HOST INTESTINAL DEFENSES AGAINST ENTEROPATHOGENIC AND SHIGA TOXIGENIC E	\$223,387
2013	UNIVERSITY OF ROCHESTER	NY	R21AI105621	Targeting CD28 ligand binding	\$191,875
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI103461	Drug at the Right Place & Concentration: Optimizing Combination Vaginal Ring PrEP	\$2,677,669

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2013	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$691,240
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI107258	Genome Scale Discovery of Mycobacterial Gene Function by Synthetic Genetic Arrays	\$157,412
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI107069	The Role of RNA in Regulating recombination and allelic exclusion	\$199,163
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI104166	Regulation of RecA Intein splicing in M. tuberculosis	\$199,988
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI106543	Reporter Phages for Diagnosis of Drug-Resistant TB in HIV High-Burden Populations	\$514,104
2013	NEW YORK ACADEMY OF SCIENCES	NY	R13AI106238	ADVANCES IN PLASMODIUM VIVAX MALARIA RESEARCH	\$6,000
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI106745	Epigenetic regulation of decidual inflammation	\$398,325
2013	NEW YORK MEDICAL COLLEGE	NY	R56AI101109	Modulation of host innate immune response by Francisella tularensis	\$389,828
2013	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$375,214
2013	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$181,642
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI093808	INITIATION OF THE IMMUNE RESPONSE TO ASPERGILLUS FUMIGATUS	\$338,625
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$475,603
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$345,732
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$342,669
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$387,354
2013	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$410,343
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$353,205
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$393,179
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$303,237
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$390,100
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$834,723
2013	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$175,673
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$413,543
2013	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$450,000

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2013	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,336,518
2013	ROCKEFELLER UNIVERSITY	NY	P01AI081677	NOVEL APPROACHES FOR VACCINE DESIGN	\$1,696,945
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI082536	RISK FACTORS FOR SPREAD OF STAPHYLOCOCCUS AUREUS IN PRISONS.	\$615,410
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI085958	EVALUATING SELF-PROTECTION OF TH17 CELLS AGAINST HIV-1 BY CCR5 LIGANDS SYNTHESIS	\$25,372
2013	New York Blood Center, Inc.	NY	R01AI081604	RATIONAL DESIGN OF ANTIVIRALS TARGETED TO HIV-1 CAPSID	\$494,502
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$393,179
2013	UNIVERSITY OF ROCHESTER	NY	U19AI091036	University of Rochester Center for Medical Countermeasures against Radiation	\$3,055,996
2013	SUNY, BUFFALO	NY	R01AI085127	Identification of Specific Roles for Ets-1 in B Cell Tolerance	\$388,546
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$432,168
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$597,502
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$527,077
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI085622	NOVEL ADJUVANT DISCOVERY IN VACCINE THERAPY	\$819,424
2013	ROCKEFELLER UNIVERSITY	NY	R01AI085973	Parameters that govern initiation of VSG switching in T.brucei	\$393,179
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$113,969
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$1,435,769
2013	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$422,979
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$392,450
2013	COLUMBIA UNIVERSITY	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,425,739
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$357,435
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$456,871
2013	UNIVERSITY OF ROCHESTER	NY	R01AI081779	Paramyxovirus Assembly	\$363,075
2013	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	\$364,010
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$392,450
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI105807	Targeting the Host to Treat TB: Inhibitors of Protein Kinase R	\$201,398

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2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$196,264
2013	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$362,605
2013	COLUMBIA UNIVERSITY	NY	R01AI103369	Integration of redox-balancing mechanisms in Pseudomonas aeruginosa biofilms	\$372,185
2013	COLUMBIA UNIVERSITY	NY	F32AI100496	Microfluidic devices for investigation of rare T cell populations	\$52,190
2013	COLUMBIA UNIVERSITY	NY	T32AI100852	Columbia Integrated Training Program in Infectious Disease Research	\$76,939
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101820	Assay development to discover therapeutics against human cytomegalovirus	\$289,797
2013	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI100157	Durable humoral immunity regulated by intrinsic CD28 function in plasma cells	\$492,294
2013	COLD SPRING HARBOR LABORATORY	NY	R13AI106050	CSHL 2013 78TH SYMPOSIUM ON QUANTITATIVE BIOLOGY: IMMUNITY & TOLERANCE CONFERENCE	\$5,000
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI094223	DEVELOPMENT OF ANTIVIRALS FOR NEWLY EMERGING PATHOGENS EBOLA AND MARBURG.	\$227,010
2013	CUNY, RESEARCH FOUNDATION	NY	SC1AI107955	Genome Variability and Population Processes of Lyme Disease Pathogens	\$267,750
2013	COLUMBIA UNIVERSITY	NY	R21AI103826	The role of XLF in hematopoietic stem cell maintenance and function	\$200,000
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI101393	Species selective dipeptide inhibitors for Mtb proteasome	\$253,500
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI102824	Role of TNPO3 in HIV-1 Replication	\$235,470
2013	SUNY, BUFFALO	NY	R21AI102796	Molecular details of HIV fusion revealed using novel gp41 labeling	\$190,792
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI101801	Dissecting the roles of protein O-GlcNAcylation in Toxoplasma gondii	\$235,470
2013	SUNY, BUFFALO	NY	R21AI107257	Apicomplexan Drug Target Discovery	\$201,447
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	\$398,325
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$661,340
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI106697	Tissue compartmentalization of human lymphocytes	\$2,525,606
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$436,694
2013	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$3,423,532
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101308	A high-throughput screen for antivirals targeting filovirus replication	\$398,325

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2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$171,193
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$865,364
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$370,216
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$376,000
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$425,634
2013	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$393,179
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$519,050
2013	COLUMBIA UNIVERSITY	NY	K08AI101005	Role of Staphylococcus aureus SpA in Microbial Competition and Host Colonization	\$134,973
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,651,620
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$528,375
2013	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$148,081
2013	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$383,054
2013	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$852,648
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$371,300
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI081725	PH HOMEOSTASIS IN MYCOBACTERIUM TUBERCULOSIS	\$513,196
2013	SUNY, BUFFALO	NY	K08AI083078	ANTIBODIES RECOGNIZING QUATERNARY DIFFERENCES IN HIV ENVELOPE GLYCOPROTEINS (K08)	\$127,764
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077690	MODELING OF S. AUREUS TRANSMISSION IN NORTHERN MANHATTAN.	\$535,926
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI083883	IMMUNOLOGICAL RESPONSE TO CHINESE HERBAL MEDICINE IN FOOD ALLERGY	\$129,465
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	K08AI085031	Rabies virus maintenance in bat populations	\$106,004
2013	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$323,500
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$366,963
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$386,199
2013	SIGA TECHNOLOGIES, INC	NY	R01AI093387	Antiviral Drugs for Arenaviruses	\$1,364,947
2013	ROCKEFELLER UNIVERSITY	NY	R01AI089970	A genetic dissection of Mendelian susceptibility to mycobacterial diseases (MSMD)	\$471,488
2013	NEOSTEM INC	NY	R43AI098325	Development of Human, Autologous, Pluripotent Very Small Embryonic Like (VSELs) s	\$300,000

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2013	NEW YORK UNIVERSITY	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,696,617
2013	COLUMBIA UNIVERSITY	NY	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$703,115
2013	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	\$476,117
2013	COLUMBIA UNIVERSITY	NY	R01AI100059	LINK4HEALTH: A Combination Strategy for Linkage and Retention, Swaziland	\$921,505
2013	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$367,669
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R03AI099555	"MECHANISM OF EXTRACELLULAR VESICLE BUDDING IN C. ELEGANS EMBRYOS".	\$84,500
2013	ROCKEFELLER UNIVERSITY	NY	R03AI097089	GENOME WIDE SIRNA SCREEN FOR IDENTIFYING HOST FACTORS REQUIRED FOR ZAP FUNCTION	\$103,556
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$548,930
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research and Training in HIV and Tuberculosis	\$175,433
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$397,154
2013	CORNELL UNIVERSITY	NY	R01AI095519	DEVELOPMENT OF A CELL-BASED HTS FOR INHIBITORS OF INFLAMMATORY MACROPHAGES	\$357,230
2013	CERAMIDE THERAPEUTICS LLC	NY	R43AI102449	NEUTRALIZATION OF CERAMIDE AS A NOVEL APPROACH TO SPECIFICALLY INHIBIT ACUTE GVHD	\$223,891
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI095787	HUMAN B1 LYMPHOPOIESIS	\$236,880
2013	UNIVERSITY OF ROCHESTER	NY	R21AI105851	B cell presentation of antigen to CD4 T follicular helper cells	\$191,875
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Mechanism and role of nuclear entry in HIV-1 replication	\$418,770
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI095256	Combination Clostridium Difficile Toxin and Adhesin Vaccine	\$349,463
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$429,314
2013	SUNY, BUFFALO	NY	R03AI103897	Cell Wall Biogenesis in Candida albicans	\$78,167
2013	SUNY, STONY BROOK	NY	R01AI101221	Inhibition of T cells by Salmonella	\$365,408
2013	CORNELL UNIVERSITY	NY	R21AI101614	MICROBIOMES AND INFLAMMATION IN CHRONIC FATIGUE SYNDROME	\$182,125
2013	AVATAR MEDICAL LLC	NY	R44AI091507	Conformational Stabilization of the HIV-1 Env Trimer	\$999,641
2013	UNIVERSITY OF ROCHESTER	NY	U01AI107276	PGE2 mitigation of acute and late radiation injury	\$537,250

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2013	ROCKEFELLER UNIVERSITY	NY	U01AI109697	Molecular, immunological, and clinical dissection of STAT1 hypermorphic mutations	\$423,750
2013	UNIVERSITY OF ROCHESTER	NY	K08AI106954	Selective priming of HA-specific CD4 T cells in influenza heterosubtypic immunity	\$169,143
2013	COLUMBIA UNIVERSITY	NY	K99AI106072	Bacterial Attachment under Mechanical Perturbations	\$107,978
2013	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$363,232
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Synaptic Control of Cytotoxic T cell Function	\$408,461
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$641,057
2013	SUNY, BUFFALO	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$455,369
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$177,869
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$436,694
2013	COLUMBIA UNIVERSITY	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$376,000
2013	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Women's Interagency HIV Study (WIHS) V	\$2,050,003
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$444,948
2013	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$370,223
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$328,835
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$1,891,850
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$24,703
2013	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$249,096
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$8,221,044
2013	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$448,323
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$429,815
2013	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$346,366
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081615	REVEALING THE HIV-1 INTERACTOME	\$420,341
2013	NEW YORK UNIVERSITY	NY	R01AI078783	HIV-1 Replication Without Integration	\$348,165
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$130,680
2013	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$603,776

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$199,854
2013	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI084903	Pig to human thymic xenotransplantation	\$460,389
2013	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	\$203,984
2013	COLUMBIA UNIVERSITY	NY	R01AI088377	Spatial coordination of CD28 and TCR signaling	\$306,231
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI083880	Novel Risk Factors For Vancomycin Resistant Enterococci In Persons With Cancer	\$130,437
2013	UNIVERSITY OF ROCHESTER	NY	K23AI077759	Post-Vacc. HPV Genotype Distr. Among HIV+ and HIV - Young Women in S. Africa	\$125,187
2013	CORNELL UNIVERSITY	NY	R03AI097671	TOLL-LIKE RECEPTOR 9 PROTEOLYTIC PROCESSING AND SIGNALING	\$77,417
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$350,152
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning.	\$1,164,124
2013	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$397,150
2013	UNIVERSITY OF ROCHESTER	NY	R01AI102730	Yeast Genetic Approach to Enhance the Immunogenicity of HIV Envelope Glycoprotein	\$363,075
2013	SUNY, STONY BROOK	NY	R21AI092165	IMMATURE MYELOID CELLS AS TARGETS FOR THERAPEUTICS TO BACTERIAL INFECTION	\$194,164
2013	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$397,150
2013	UNIVERSITY OF ROCHESTER	NY	R21AI095805	TRANSLATIONAL CONTROL OF GATA-3	\$231,750
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI095808	Structural Studies of the Pseudokinase Domain of Jak2	\$199,050
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	UM1AI069532	New York University HIV/AIDS Clinical Trial Unit	\$1,344,582
2013	COLUMBIA UNIVERSITY	NY	R21AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$195,219
2013	COLUMBIA UNIVERSITY	NY	R21AI103562	The use of whole genome sequencing to identify spread of USA300 in the community	\$247,176
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$472,513
2013	UNIVERSITY OF ROCHESTER	NY	R21AI099712	UNCOVERING POXVIRUS PROTEINS INVOLVED IN REGULATING THE IMV TO EV TRANSITION	\$216,435
2013	COLD SPRING HARBOR LABORATORY	NY	R13AI108057	MICROBIAL PATHOGENESIS AND HOST RESPONSE CONFERENCE 2013	\$7,000
2013	CUNY, RESEARCH FOUNDATION	NY	R21AI101792	Interactions between Bacterial Tyrosine Kinases and Phosphatases	\$183,872
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI104406	HTLV-1 antagonists of HIV restriction factors	\$252,444
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI102169	HOST-TARGETED ANTIVIRALS FOR INFLUENZA AND OTHER RESPIRATORY VIRUS INFECTIONS	\$251,424

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2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI107169	A novel ex vivo model of West Nile virus infection in human lymphoid tissue	\$238,995
2013	ROCKEFELLER UNIVERSITY	NY	R21AI105047	Integration of mucosal immune responses through the enteric nervous system	\$254,250
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$421,825
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099394	Mechanistic Studies Of The Mode Of Action Of The Staphylococcus aureus LukAB Cyto	\$398,325
2013	ROCKEFELLER UNIVERSITY	NY	R56AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$418,165
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI103933	New tools to study the dynamics of HSV latency and reactivation in living neurons	\$238,995
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI107451	Strategy for global, unbiased mining and discovery of human monoclonal antibodies	\$195,630
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI078273	BCL11B IN IMMUNE REGULATION	\$205,114
2013	COLUMBIA UNIVERSITY	NY	F31AI098411	Targeting of AID Mutagenic Activity	\$47,232
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$369,926
2013	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$363,075
2013	SUNY, BUFFALO	NY	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$371,127
2013	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$340,912
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$477,409
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$497,253
2013	SUNY, BUFFALO	NY	R01AI069986	Control of Toxoplasma gondii Growth by the Host Cell Transcription Factor HIF1	\$32,066
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$386,199
2013	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$227,053
2013	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$163,639
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$746,748
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$4,291,494
2013	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,726,490
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$135,135
2013	SUNY, STONY BROOK	NY	R01AI015122	PICORNAVIRUS MOLECULAR BIOLOGY	\$357,993

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2013	CORNELL UNIVERSITY	NY	R01AI076588	TOLL-LIKE RECEPTOR 9: TRAFFICKING AND SIGNALING	\$319,230
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	Control of sphingosine-1-phosphate distribution.	\$446,790
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI070880	Regulation of V(D)J recombination by Rag2 C terminus	\$315,473
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$132,952
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084156	P.falciparum var gene diversity and malaria control	\$393,179
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI088106	Role of the thymic epithelium on the outcome of allogeneic transplantation	\$396,588
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$18,574
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093571	The Biology of Influenza A Virus-Generated Small RNAs	\$395,314
2013	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$363,075
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI095835	SELECTIVE DELIVERY OF A NOVEL BACTERIAL ADJUVANT FOR MULTIPURPOSE VACCINATION	\$208,750
2013	COLUMBIA UNIVERSITY	NY	UM1AI069466	Centers for Innovative Research to Control AIDS	\$1,501,216
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097710	THE DNA DAMAGE RESPONSE AS A THERAPEUTIC TARGET IN BK VIRUS NEPHROPATHY	\$183,876
2013	THERASOURCE LLC	NY	R44AI078537	ANTAGONISM OF ALPHA2A-ADRENOCEPTOR: A NOVEL ANTI-SEPSIS THERAPY	\$384,679
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$132,543
2013	ROCKEFELLER UNIVERSITY	NY	R21AI099128	A NEW ANTI-CD27 MONOCLONAL ANTIBODY ADJUVANT FOR PANCREATIC CANCER VACCINES	\$254,250
2013	CODAGENIX INC	NY	R41AI100428	RATIONAL DESIGN OF LIVE ATTENUATED INFLUENZA A VACCINE CANDIDATES	\$300,000
2013	COLUMBIA UNIVERSITY	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$373,547
2013	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$36,645
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI102596	The Mechanism of Genetic Exchange in Trichomonas vaginalis	\$32,347
2013	CORNELL UNIVERSITY	NY	R21AI099569	Analysis of host-derived nutrient utilization pathways in M. tuberculosis	\$231,875
2013	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$2,532,157
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097858	NONSTRUCTURAL 4B PROTEIN AND HEPATITUS C VIRUS PRODUCTION	\$185,650
2013	COLUMBIA UNIVERSITY	NY	R21AI105978	Staphylococcus aureus exploitation of autophagy promotes latent infection	\$228,797
2013	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	\$462,606

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2013	SUNY, STONY BROOK	NY	R21AI097875	FUNCTION OF GAMMAHERPESVIRUS ORF75 TEGUMENT PROTEINS	\$233,113
2013	DETECT BIOSCIENCES LLC	NY	R42AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$519,397
2013	SUNY, BUFFALO	NY	R21AI101426	ANALYSIS OF NOVEL ACINETOBACTER BAUMANNII ADHESINS	\$186,238
2013	COLUMBIA UNIVERSITY	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$462,003
2013	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI084765	R5 SHIV/MACAQUE MODELS FOR THE EVALUATION OF T AND B CELL-BASED HIV-1 VACCINES	\$748,758
2013	SUNY, STONY BROOK	NY	R21AI100631	Identification of new compounds against fungal microbes	\$227,143
2013	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097673	Characterization of the MHC Class II Peptide Loading Complex	\$185,650
2013	SUNY, BUFFALO	NY	F32AI100350	Regulation of a Novel Trypanosome RNA Binding Protein by Arginine Methylation	\$49,214
2013	SUNY, STONY BROOK	NY	R21AI103321	Inducible Gene Regulation in Mycobacteria	\$195,528
2013	UNIVERSITY OF ROCHESTER	NY	R21AI103690	Naturally Occurring Lipid Mediators Enhance Antibody Production	\$230,250
2013	POPULATION COUNCIL, INC	NY	R01AI110370	Effect of sex hormones on HIV infection of cervical and rectal mucosal tissue	\$595,097
2013	New York Blood Center, Inc.	NY	R56AI101372	MOLECULAR MECHANISMS OF FILARIAL ENDOSYMBIOSIS	\$613,492
2013	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI104688	T cell-derived iNOS switches off TH17 cell differentiation in inflammation	\$398,325
2013	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI105617	Dissection of Macrophage Antifungal Activity against Aspergillus fumigatus	\$207,740
2013	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$35,413
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$572,226
2013	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,512,673
2013	GUILD ASSOCIATES INC	OH	R21AI100164	BIOLUMINESCENT REPORTER PHAGE FOR THE DIAGNOSTIC DETECTION OF SHIGELLOSIS	\$203,666
2013	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$15,000
2013	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and T cell immunity in pregnancy	\$549,473
2013	OHIO STATE UNIVERSITY	OH	R21AI102252	CELECOXIB DERIVATIVE: HOST CELL-DIRECTED INHIBITORS OF INTRACELLULAR PATHOGENS	\$221,838
2013	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$415,000

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2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$482,406
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI103228	Genomic Analyses of Plasmodium vivax Responses to Antimalarial Drugs in Cambodia	\$339,971
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI104709	Epidemiologic Impact of HPV Vaccination	\$480,723
2013	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$2,944,131
2013	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$358,375
2013	UNIVERSITY OF CINCINNATI	OH	R56AI107036	HIGH-DENSITY LIPOPROTEIN AND A. FUMIGATUS PATHOGENESIS	\$358,728
2013	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$343,100
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$430,400
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,306,509
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$894,015
2013	OHIO STATE UNIVERSITY	OH	R01AI090901	Cbl-b in T Cell Activation and Autoimmunity	\$357,118
2013	OHIO STATE UNIVERSITY	OH	R21AI099386	STRESS HORMONE-MEDIATED REACTIVATION OF LATENT EPSTEIN-BARR VIRUS	\$190,625
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism-Based Approach to Metallo-beta-Lactamase Inhibition	\$386,975
2013	UNIVERSITY OF TOLEDO	OH	K22AI099020	Role of TRIM79 in innate immunity to tick-borne encephalitis virus	\$162,000
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$576,481
2013	UNIVERSITY OF CINCINNATI	OH	R21AI097936	Norovirus Capsid: a Novel Drug Target	\$197,749
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI103263	W. bancrofti infection diversity and treatment response	\$223,485
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI103853	Molecular Mechanism of Eosinophil Cell Death	\$179,775
2013	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$687,583
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$293,139
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$371,594
2013	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI090244	IMPROVEMENT IN PAIRED DONATION PROGRAM	\$329,991
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080313	MECHANISMS OF INCREASED SUSCEPTIBILITY TO TB IN HIV-INFECTED INDIVIDUALS	\$504,771
2013	UNIVERSITY OF CINCINNATI	OH	R01AI089450	Receptor Mimics for Rapid Detection, Typing, and Susceptibility Testing of Influe	\$357,591
2013	OHIO STATE UNIVERSITY	OH	R21AI095773	REGULATORY MYELOID CELLS IN INFLAMMATORY DISEASE: THERAPY AND TARGETED GENERATIO	\$179,188
2013	OHIO STATE UNIVERSITY	OH	UM1AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,129,143

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2013	OHIO UNIVERSITY	OH	R15AI103887	FORM AND FUNCTION OF TANDEM DUPLICATE SMALL RNA MOLECULES IN SHIGELLA DYSENTERIAE	\$445,500
2013	OHIO STATE UNIVERSITY	OH	R01AI103173	Critical Roles for Iron and Copper Detoxification in Borrelia Burgdorferi	\$360,334
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088372	Allergenicity resulting from functional mimicry of the TLR complex	\$353,745
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,524,640
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI085578	VIRAL PATHOGENESIS OF IDIOPATHIC BONE MARROW FAILURE AND IMMUNE CYTOPENIAS	\$373,148
2013	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$338,280
2013	Research Institute at Nationwide's Children's Hospital	OH	R01AI092117	Novel Calcium Release Mechanism Regulates Dendritic Cell Function	\$340,280
2013	OHIO STATE UNIVERSITY	OH	R21AI098524	THE ROLE OF UBE2V1 IN HIV-1 RESTRICTION IN PRIMARY MONOCYTES	\$228,750
2013	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$377,516
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI099494	ROLE OF TLR2 ENGAGEMENT ON CD4+ T CELLS IN IMMUNITY TO M. TUBERCULOSIS	\$196,250
2013	UNIVERSITY OF TOLEDO	OH	R56AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$341,925
2013	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI097284	Infant Antibiotic Resistance and Implications for Therapeutic Decision-making	\$132,300
2013	UNIVERSITY OF CINCINNATI	OH	R01AI106269	GM-CSF-Induced Metal Sequestration and Histoplasma	\$445,048
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097366	Madagascar P. vivax Invasion of Duffy-negative Red Cells	\$721,452
2013	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$333,700
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI101080	Mechanisms of Human Cytomegalovirus Latency	\$372,475
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$347,817
2013	UNIVERSITY OF CINCINNATI	OH	R01AI083313	Chemokine-Cytokine Nexus in Fungal Immunity	\$365,261
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$320,359
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI090129	Regulation of TH2 memory/effector cells during allergic inflammation	\$355,955
2013	OHIO STATE UNIVERSITY	OH	R01AI090644	A METHOD TO STOP HIV REPLICATION:INHIBITION OF HUMAN PURINE UTILIZING PROTEINS	\$405,113
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI100809	ROLE OF IL28B AND HIV IN NK CONTROL OF HCV	\$184,475
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI102269	MECHANISMS UNDERLYING SEX DIFFERENCES IN THE PATHOGENESIS OF IBD	\$184,475
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI104480	Type I interferon as a mediator of immune failure in HIV disease	\$185,943

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2013	UNIVERSITY OF CINCINNATI	OH	R21AI103816	HUMAN IGG-MEDIATED ANAPHYLAXIS	\$218,703
2013	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,769,678
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI049170	Impact of HIV-1 fitness on disease progression	\$449,769
2013	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$325,392
2013	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$120,436
2013	Research Institute at Nationwide's Children's Hospital	OH	R01AI077897	HEME, IRON AND OXIDATIVE STRESS: REGULATION OF IRON HOMEOSTASIS IN H. INFLUENZAE	\$331,667
2013	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$632,461
2013	OHIO STATE UNIVERSITY	OH	R01AI083456	Novel Mechanisms Regulating Posttransplant Humoral Alloimmunity	\$355,954
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$292,208
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI093673	Role of Spi-C in eosinophil development and functional responses	\$91,932
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087903	Folate Metabolism in Mycobacterium tuberculosis Revisited: A Potential Drug Target	\$365,261
2013	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI081558	IMMUNE RESPONSE TO PNEUMOCOCCAL VACCINATION IN HIV INFECTED ADULTS	\$348,510
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency	\$323,409
2013	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$340,280
2013	OHIO STATE UNIVERSITY	OH	R21AI095913	ROLE OF VIRAL APH-2 IN HTLV-2 REPLICATION AND PERSISTENCE	\$228,750
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI101375	DNA METHYLATION IN CHILDREN HOSPITALIZED WITH ASTHMA EXACERBATION	\$179,775
2013	CLEVELAND STATE UNIVERSITY	OH	R15AI103889	Selective tubulin inhibitors with improved cell uptake for kinetoplastid infections	\$436,500
2013	UNIVERSITY OF CINCINNATI	OH	UM1AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,560,131
2013	OHIO STATE UNIVERSITY	OH	R21AI099854	Studies of the molecular mechanism of retroviral integration	\$191,354
2013	OHIO STATE UNIVERSITY	OH	R00AI095348	Mechanistic analysis of a posttranslationally modified innate antiviral effector	\$249,000
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI073303	Cellular determinants of apoptosis in virus-infected cells	\$372,475
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI103388	Regulation of adult stem cell homeostatic response to inflammatory injury	\$230,602
2013	OHIO STATE UNIVERSITY	OH	R01AI093570	Function of human lung mucosal hydrolases during M. tuberculosis infection	\$358,375
2013	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$5,900
2013	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$354,791

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI024717	Genetic Linkage in Lupus	\$399,091
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$361,356
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074932	HOMEOSTATIC REGULATION OF T LYMPHOCYTES	\$361,609
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080581	Role of IL-15 in the Pathogenesis of Eosinophilic Esophagitis (EE)	\$107,249
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088116	EXPLAINING RACIAL DISPARITIES IN CHILD ASTHMA MORBIDITY	\$597,778
2013	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	\$409,752
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI103443	Roles for Exosomes in Adaptive Immunity to M. tuberculosis	\$197,657
2013	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$47,482
2013	OHIO STATE UNIVERSITY	OH	R21AI101529	ANTILEISHMANIAL LEAD OPTIMIZATION OF QUINAZOLINES	\$175,854
2013	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI105937	Effects of IL-6 blockade in treated HIV infection	\$739,447
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI107274	cGMP Metabolism in Resistance to Bacterial Infection	\$179,775
2013	OHIO STATE UNIVERSITY	OH	R01AI104483	Mechanisms of SAMHD1-mediated HIV-1 restriction in dendritic cells	\$360,725
2013	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$177,138
2013	UNIVERSITY OF TOLEDO	OH	R01AI105084	Understanding trehalose synthesis and utilization in mycobacteria	\$346,625
2013	OHIO STATE UNIVERSITY	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$310,938
2013	UNIVERSITY OF TOLEDO	OH	R01AI077720	Development of Aspartate Pathway Inhibitors as Novel Antibiotics	\$338,506
2013	OHIO STATE UNIVERSITY	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRLICHIOSIS	\$345,486
2013	OHIO STATE UNIVERSITY	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$345,486
2013	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$266,601
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$352,396
2013	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI091641	GENETIC DISSECTION OF VIRAL PERSISTENCE	\$122,348
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$355,955
2013	OHIO STATE UNIVERSITY	OH	R21AI102822	NOVEL HOST PROTEINS IN THE HIV-1 PREINTEGRATION COMPLEXES	\$215,025
2013	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA Capping and Methylation in Pneumoviruses	\$350,002

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2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$613,990
2013	OHIO STATE UNIVERSITY	OH	R01AI097511	Pseudomonas biofilms and immunity	\$373,354
2013	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$473,694
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI098511	B cell immunity in HIV exposed uninfected infants in Kenya	\$595,582
2013	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$287,292
2013	UNIVERSITY OF TOLEDO	OH	R21AI098702	SELECTIVE AGENTS TO BLOCK VIRULENCE IN GRAM-NEGATIVE PATHOGENS	\$212,610
2013	OHIO STATE UNIVERSITY	OH	R13AI106500	9TH INTERNATIONAL RETROVIRAL NUCLEOCAPSID PROTEIN AND ASSEMBLY SYMPOSIUM	\$4,455
2013	OHIO STATE UNIVERSITY	OH	R13AI108182	THE 2ND INTERNATIONAL CONGRESS ON PATHOGENS AT THE HUMAN ANIMAL INTERFACE (ICOPHA	\$12,000
2013	OHIO STATE UNIVERSITY	OH	R13AI108232	ANNUAL MIDWEST MICROBIAL PATHOGENESIS CONFERENCE (MMPC)	\$7,000
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$640,939
2013	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI085161	Chemically diverse antimicrobials from silent biosynthetic pathways	\$344,311
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$384,680
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI094141	REGULATION OF THE VDJ RECOMBINASE DURING GENOTOXIC STRESS	\$178,159
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	K22AI099070	Role of CD4 T cell inhibitor receptors during Plasmodium blood stage infection	\$162,000
2013	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$341,091
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	Control of Toxoplasma gondii Growth by the Host Cell Transcription Factor HIF1	\$324,504
2013	IMMUNO-MYCOLOGICS INC	OK	R43AI102377	ANTIGEN IMMUNOASSAY FOR DIAGNOSIS OF COCCIDIOIDOMYCOSIS	\$291,065
2013	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI101487	ANTIMICROBIALS FROM MAMMALIAN MICROBIOMES	\$174,311
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity - Kirschstein - NRSA	\$165,133
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R15AI072718	BACTERIOPHAGE CONTROL OF DNA REPAIR IN STREPTOCOCCUS PYOGENES	\$444,000
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI090672	DISCOVERY AND TARGETING OF HIV-1 ASSOCIATED ANTIGENS	\$479,195
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI088011	The role of non-canonical base pairs in RNA editing	\$343,012

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2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$345,863
2013	IMMUNO-MYCOLOGICS INC	OK	R41AI102311	Immunoassay for diagnosis of invasive fungal disease	\$300,000
2013	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI1101028	Transmission dynamics and spillover of avian influenza under changing agricultura	\$503,519
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI056129	NOTCH-INDUCED PROTEIN DEGRADATION IN LYMPHOPOIESIS	\$386,944
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$385,186
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI082057	DISCOVERY AND TARGETING OF WEST NILE VIRUS EPITOPES	\$999,069
2013	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI090685	Broad-spectrum Antifolates for Treatment of Drug Resistant Bacillus anthracis	\$732,571
2013	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI099489	The multiple states of IpaB Shigella type III secretion	\$454,749
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI104057	Asb2 in CD4+ T cell lineage differentiation and its plasticity	\$236,880
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer membrane proteins of Borrelia burgdorferi	\$309,707
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,703,462
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	P01AI083194	GENOMICS OF LUPUS	\$1,804,281
2013	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$302,320
2013	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI103399	NADPH-Oxidase and SLE Susceptibility	\$252,000
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$261,188
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U54AI081680	PACIFIC NORTHWEST REGIONAL CENTER OF EXCELLENCE (PNWRCE)	\$7,230,475
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI078903	INFLAMMATION AND T LYMPHOCYTE IMMUNOREGULATION	\$302,139
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI090490	Characterization of Vpu-mediated degradation of BST-2	\$381,546
2013	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for Vulnerable Population	\$994,154
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI096854	Flagellar targeting and sensory function of a glucose transporter in L. mexicana.	\$54,890
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI108033	INTERNATIONAL HERPESVIRUS WORKSHOP	\$4,000
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106489	Development of HIV-1 vaccines targeting broadly neutralizing epitopes	\$52,190
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$358,281

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2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$488,382
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	F32AI106301	Validating novel drug targets in Trypanosoma cruzi polyamine biosynthesis	\$53,942
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI101282	EVALUATION OF HOST MIRNAS AS THERAPEUTICS AGAINST ENCEPHALITOGENIC FLAVIVIRUSES	\$211,481
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI104229	The innate capacity of human T cells to respond to Mycobacterium tuberculosis	\$358,220
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI041622	Polyamine Metabolism in Leishmania	\$361,900
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$411,399
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI078965	MECHANISMS OF RECOGNITION BY MYCOBACTERIUM TUBERCULOSIS-REACTIVE THYMOCYTES	\$268,990
2013	OREGON STATE UNIVERSITY	OR	K22AI089861	IDENTIFICATION AND CHARACTERIZATION OF CELLULAR MECHANISMS WHICH SELECTIVELY CONT	\$108,000
2013	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$665,081
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI103498	An Effector Memory T Cell-Inducing Subunit Vaccine against Malaria	\$218,750
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI023682	GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA DONOVANI	\$524,999
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$1,687,330
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	\$346,578
2013	TOMEGAVAX INC	OR	R41AI106090	A Synthetic Human Cytomegalovirus Vaccine Platform	\$300,000
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$207,270
2013	PORTLAND STATE UNIVERSITY	OR	R01AI051629	Phoslactomycins: Biosynthesis & Activity	\$333,079
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI022933	GENETIC ANALYSIS OF SALMONELLA TYPHIMURIUM VIRULENCE	\$396,047
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$2,268,093
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI102874	Selective Inhibitors of the Hexose Transporter from African Trypanosomes	\$231,000
2013	13THERAPEUTICS INC	OR	R44AI065000	BACTERIAL-INDUCED SEPSIS: A NEW TREATMENT STRATEGY	\$999,411
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$905,851
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI074494	TRAINING PROGRAM IN VIROLOGY	\$185,222
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$361,900
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$524,878

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2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$390,504
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$127,845
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$759,095
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,383,558
2013	ARONORA LLC	OR	R44AI088937	Therapeutic factor XI blockade for sepsis	\$974,608
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI104392	HIV Envelope-based vaccines from superinfection to elicit neutralizing antibodies	\$262,500
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$361,900
2013	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$340,134
2013	VITI INC	OR	R44AI091267	A CD8+ T cell diagnostic to identify children with pulmonary tuberculosis	\$976,910
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$1,589,072
2013	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI108401	Defining non-classical, CMV-induced CD8 T cell responses	\$246,750
2013	OREGON STATE UNIVERSITY	OR	U01AI109695	Anti-IL-12p40 Treatment of CVID Enteropathy: Gene Expression/Microbiota Analysis	\$334,526
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$951,507
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$392,409
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$284,656
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$372,240
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI059114	INTEGRATION AND EXCISION BY SERINE INTERGRASES	\$350,091
2013	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$298,132
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI079057	ROLE OF CD91 AND ITS LIGANDS IN IMMUNE RESPONSE	\$308,784
2013	UNIVERSITY OF PITTSBURGH	PA	U24AI082673	NOVEL MODIFIERS OF TOLL-LIKE AND RIG-LIKE RECEPTOR SIGNALING	\$267,931
2013	TEMPLE UNIVERSITY	PA	R01AI076423	REGULATION OF TYPE I IFNS IN TOLERANCE AND AUTOIMMUNITY	\$368,820
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	\$691,804
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078538	BACTERIAL AND HOST FACTORS IN PNEUMOCOCCAL COMPETITION	\$357,211
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081913	Interactions of Ebola virus glycoproteins with host cells	\$420,649

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2013	UNIVERSITY OF PITTSBURGH	PA	R01AI090825	INNATE/ SIV DNA VACCINE INDUCED IMMUNITY IN THE PROTECTED MACAQUE MUCOSA	\$678,745
2013	UNIVERSITY OF PENNSYLVANIA	PA	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	\$2,826,440
2013	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$364,250
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	\$560,732
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$324,673
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI097759	ANTIBIOTIC PRESCRIBING FOR ACUTE RESPIRATORY INFECTIONS: IMPACT OF SHIFTS IN CARE	\$72,268
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI098041	ALLELIC VARIANTS OF SALMONELLA FIMBRIAL ADHESINS	\$188,000
2013	THOMAS JEFFERSON UNIVERSITY	PA	R21AI101929	THE RET/PTC3 ONCOGENE: ANTIGENIC AND INFLAMMATORY PROPERTIES	\$182,125
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI100590	FORMS OF HCV NS5A IN VIVO	\$185,699
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$353,193
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$551,578
2013	THOMAS JEFFERSON UNIVERSITY	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$291,400
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104887	Control of Viral Pathogenesis by Regulation of 2-5A Levels	\$716,045
2013	UNIVERSITY OF PENNSYLVANIA	PA	R33AI082701	Gp340 and syndecan inhibition based microbicide for HIV	\$450,725
2013	UNIVERSITY OF PITTSBURGH	PA	R03AI101953	IFN-lambda polymorphisms and host response to respiratory viral infections in hum	\$67,213
2013	INTEGRAL MOLECULAR INC	PA	R43AI102626	Engineering Stable, Soluble, and Trimeric HIV gp140 by Paired Cys Scanning	\$246,301
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI098365	Cytokine regulation of human basophil responses	\$52,190
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI097787	VIRAL MANIPULATION OF MYELOID CELL FUNCTION	\$229,500
2013	DREXEL UNIVERSITY	PA	R21AI098549	MIR-155 REGULATION OF CELLULAR SUSCEPTIBILITY TO HIV-1 INFECTION	\$181,538
2013	THOMAS JEFFERSON UNIVERSITY	PA	R21AI102684	Integration site selection by HIV-1 and HIV-1 based vectors	\$218,550
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$430,414
2013	CARNEGIE-MELLON UNIVERSITY	PA	R03AI096029	Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections	\$24,324

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2013	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R33AI082680	Phosphorothioate Oligonucleotides as Microbicides against HIV Transmission	\$422,021
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI103022	Biochemical and Spatial Regulation of IKKg/NEMO During T Cell Activation	\$549,952
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI108436	Immune-based detection of rifampicin-resistance in HIV/TB	\$177,660
2013	DREXEL UNIVERSITY	PA	R21AI104354	Discovery and optimization of novel diamine derivatives as HIV-1 entry inhibitors	\$214,589
2013	UNIVERSITY OF PENNSYLVANIA	PA	R56AI106481	CD8+ T CELL EFFECTOR TRANSCRIPTIONAL PROGRAMMING IN SIV INFECTION	\$760,381
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI103062	Modulation of Inflammasome Activation by Yersinia	\$376,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$372,240
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$352,465
2013	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,438,261
2013	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,715,213
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$384,974
2013	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$312,841
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$354,406
2013	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$399,675
2013	TEMPLE UNIVERSITY	PA	R01AI047325	Neuropeptides and Regulatory T Cells	\$348,975
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$156,667
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$349,477
2013	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$347,696
2013	UNIVERSITY OF PENNSYLVANIA	PA	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$131,976
2013	DREXEL UNIVERSITY	PA	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$603,728
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI097805	A NOVEL APPROACH FOR ASSESSING DYNAMIC EVENTS IN THE HUMAN COMPLEMENT SYSTEM	\$225,600
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular Mechanisms of Eastern Equine Encephalitis Virus Pathogenesis	\$403,502
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$359,550
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI099651	ROLE OF NOTCH SIGNALING IN THE DIFFERENTIATION AND FUNCTION OF INFLAMMATORY DCS	\$225,600

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2013	PHARMABRIDGE INC	PA	R44AI077123	NOVEL HBV THERAPEUTIC WITH POTENTIAL FOR TREATMENT OF DRUG-RESISTANT INFECTION	\$979,945
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI092071	IDENTIFICATION OF A NATURALLY OCCURRING MODEL FOR EBV-ASSOCIATED LYMPHOMAGENESIS	\$200,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$355,986
2013	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$128,421
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$351,312
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI095730	REGULATION OF T CELL ACTIVATION AND DEVELOPMENT BY PIK3IP1	\$215,201
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI097825	CHROMOSOME TRANSLOCATION IN PRE B CELLS: THE ROLE OF AN ALTERNATE DNA STRUCTURE	\$188,000
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI099479	CXC Chemokines and Regulation of Granulopoiesis	\$393,625
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI108296	CD163 in HIV Immunopathogenesis	\$236,175
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106000	Transmitted/Founder HCV clones as targets for treatment and eradication.	\$247,296
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R33AI094514	Designing Optimal Microbicide Delivery Integrating Rheology and Acceptability	\$406,990
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104441	Immune Activation and Isoniazid Metabolism in HIV/TB	\$246,256
2013	ENANTIGEN THERAPEUTICS INC	PA	R43AI104086	DISCOVERY OF ANTI-HBV CCCDNA COMPOUNDS FROM A UNIQUE NATURAL PRODUCTS COLLECTION	\$300,000
2013	UNIVERSITY OF PITTSBURGH	PA	U01AI111598	Omics-Based Predictive Modeling of Age-Dependent Outcome to Influenza Infection	\$2,103,086
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$629,230
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$343,092
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI050732	CD4 T CELLS IN TUBERCULOSIS	\$458,364
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052861	MECHANISMS OF LYMPHOID LINEAGE COMMITMENT	\$354,286
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$388,643
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$376,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042334	REGULATION OF THE EARLY IMMUNE RESPONSE TO TOXOPLASMA GONDII	\$368,518
2013	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$366,748
2013	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$314,047

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2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$247,908
2013	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$623,035
2013	INSTITUTE FOR CANCER RESEARCH	PA	R01AI081314	CONTROL OF ALPHA-BETA/GAMMA-DELTA T LINEAGE COMMITMENT	\$401,915
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076257	INITIATION OF IMMUNE RESPONSE IN CHRONIC LEISHMANIASIS	\$362,760
2013	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$605,488
2013	UNIVERSITY OF PENNSYLVANIA	PA	U01AI082211	THERAPEUTICS THAT TARGET PROCESSIVITY COMPLEX PROTEINS OF POX AND OTHER VIRUSES	\$917,154
2013	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	\$888,709
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$129,951
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104473	KSHV-encoded Small Peptides	\$232,432
2013	TEMPLE UNIVERSITY	PA	R21AI097758	TARGETING TAM RECEPTORS TO MODULATE INFLAMMATION AND AUTOIMMUNITY	\$191,250
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI099301	TARGETING AKT SIGNALING IN AUTOIMMUNE LYMPHOPROLIFERATIVE SYNDROME	\$197,833
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095500	Dissecting the alphavirus entry receptor NRAMP	\$437,920
2013	VENATORX PHARMACEUTICALS INC	PA	R44AI096679	Preserving beta-lactam utility vs pathogens producing any class of beta-lactamase	\$1,000,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106268	Role of schistosome ABC transporters in modulation of host immune responses	\$240,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI100718	CD200-CD200R EXPRESSION AND CHRONIC IMMUNE ACTIVATION IN HIV INFECTION	\$200,000
2013	THOMAS JEFFERSON UNIVERSITY	PA	R21AI097677	Anti-polysaccharide antibody responses in humanized mice	\$232,500
2013	IMMUNOTOPE INC	PA	R44AI062177	Defining T cell epitopes in Dengue virus infection	\$980,526
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI103514	Designer Nucleases to Cure Chronic Hepatitis B	\$223,125
2013	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$128,358
2013	UNIVERSITY OF PENNSYLVANIA	PA	K01AI103028	Carbapenem-Resistant Klebsiella Pneumoniae in Long-Term Acute Care Hospitals	\$133,758
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI098964	A Genetic Basis for Stress-Neuroendocrine-Immune Interactions	\$185,809
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI099929	Small Molecule Inhibitors of the Poxvirus Type I Interferon Binding Protein	\$209,738
2013	PENNSYLVANIA STATE UNIVERSITY	PA	K22AI101039	Dissection of RNA Storage Granules Essential to Plasmodium Transmission	\$150,000
2013	WISTAR INSTITUTE	PA	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$242,520

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2013	TEMPLE UNIVERSITY	PA	R56AI103096	INNATE IMMUNE RESPONSES IN KERATINOCYTES DURING VIRAL SKIN INFECTIONS	\$364,642
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$357,475
2013	UNIVERSITY OF PENNSYLVANIA	PA	U01AI104400	Role of co-receptor modified cells in HIV infection	\$1,314,844
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI081759	Enterovirus infection of polarized intestinal cells	\$365,971
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$351,730
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$441,774
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$309,843
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$355,667
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4Ralpha signaling pathways in human airways through 15 LO1	\$341,456
2013	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$535,910
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$168,042
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI079047	THE ROLE OF E47 IN UNCOMMITTED HEMATOPOIETIC PROGENITORS	\$309,065
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$362,760
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI080290	ORIGIN AND EVOLUTION OF HIV-1 DRUG RESISTANCE IN THE RT-SHIVMNE MACAQUE MODEL	\$168,932
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI090788	OPTIMIZING HIV ENV IMMUNOGENS FOR T AND B CELL VACCINE RESPONSES	\$517,685
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI089982	THE ROLE OF INKTS IN EOSINOPHILIC ESOPHAGITIS.	\$124,758
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$376,000
2013	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$359,550
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI102724	Structural Biology of HIV-1 Nef with Host Effectors and Small Molecule Inhibitors	\$358,375
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104280	Targeting the Persistent HIV-1 Viral Reservoir Using Engineered T cells	\$199,998
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100495	Control and manipulation of HIV-specific CD8 T-cell effector responses	\$55,670
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105046	Natural Th17 cells in allergic airway disease	\$200,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI104998	Host-parasite interactions during toxoplasmosis	\$240,000
2013	ENANTIGEN THERAPEUTICS INC	PA	R43AI104066	DEVELOPMENT OF FLUORINATED SULFAMOYL BENZAMIDE DERIVATIVES AS ANTIVIRAL AGENTS AGA	\$294,674

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2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI106058	Antiviral Effectiveness for Hospitalized Influenza in Pediatric Leukemia	\$66,530
2013	THOMAS JEFFERSON UNIVERSITY	PA	R56AI106810	Selection of inflationary and tissue-resident T cells during MCMV infection	\$364,250
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI106509	Immunoprophylaxis By Gene Transfer: Shortcut To An HIV Vaccine	\$1,147,087
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI101593	Eat-Me Signaling Cascade in the Apoptotic Cell Engulfment	\$222,334
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI067544	SIGNALING AND CELL BIOLOGY OF TIM-1	\$200,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI106557	Probing mechanisms of reduced HIV reservoirs in an interferon-a clinical trial	\$225,600
2013	HEPATITIS B FOUNDATION	PA	R13AI106161	2013 INTERNATIONAL MEETING ON THE MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES	\$10,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R56AI076231	STUDY OF THE STRUCTURE, FUNCTION AND REGULATION OF GB, THE FUSION PROTEIN OF HSV	\$361,900
2013	UNIVERSITY OF PENNSYLVANIA	PA	R56AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAE DURING INFECTION	\$376,000
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$272,703
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$376,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$435,148
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$397,821
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	INSULIN-LIKE SIGNALING IN PARASITIC NEMATODE DEVELOPMENT	\$376,000
2013	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$293,319
2013	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,444,880
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI043603	Murine Memory B Cell Development and Function	\$468,818
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$344,695
2013	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	\$1,787,770
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082292	Integrated Multi-scale Adhesive Dynamics Modeling of T-lymphocyte Homing	\$400,502
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$2,014,441
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI098428	NATURAL HELPER CELLS IN ALLERGIC AIRWAY INFLAMMATION	\$225,600
2013	DREXEL UNIVERSITY	PA	R01AI104636	A small molecule for management of filovirus hemorrhagic fevers	\$873,245
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI102177	ANTIATHEROGENIC EFFECTS OF NEUTROPHIL ALPHA DEFENSINS	\$188,000

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2013	THOMAS JEFFERSON UNIVERSITY	PA	R21AI096907	ANTIBODY RESPONSES TO A NOVEL HIV-1 VACCINE VECTOR	\$218,550
2013	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The development and function of CD8+ innate-like lymphocytes	\$133,758
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI102543	T-cell immunity to polyomavirus infection	\$359,550
2013	UNIVERSITY OF PITTSBURGH	PA	R03AI105635	NanI sialidase enhances C. perfringens host cell adherence and toxin action	\$75,725
2013	ACTUATED MEDICAL INC	PA	R44AI080335	Portable Transdermal Acoustic Patch for Delivery of Large Molecules to Improve HIV Patient Medication Regime Compliance by Elimination of Side-Effects, Including Injection Site Reactions	\$1,000,000
2013	UNIVERSITY OF PITTSBURGH	PA	R13AI102522	CMCR CONFERENCE: LOOKING THROUGH THE THERAPEUTIC WINDOW AT COUNTERMEASURES	\$0
2013	UNIVERSITY OF PENNSYLVANIA	PA	R33AI087383	Cloning, characterization and in vivo testing of mucosally transmitted SIV	\$451,200
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105856	Mechanisms and Treatment of Chronic, Latent Human Strongyloidiasis	\$216,689
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI104212	Picornavirus-initiated inflammation: novel parallels from Drosophila	\$223,125
2013	UNIVERSITY OF PITTSBURGH	PA	R13AI108156	2013 JOINT MEETING OF THE INTERNATIONAL CYTOKINE SOCIETY & INTERNATIONAL SOCIETY	\$8,000
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI103315	Multi-center studies to improve diagnosis and treatment of pediatric candidiasis	\$598,320
2013	DREXEL UNIVERSITY	PA	F31AI108485	The mechanism of HIV-1 virolytic inactivation by Env-targeting peptide triazoles	\$40,693
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI103125	MOLECULAR BASIS OF VIRULENCE IN THE EMERGING PATHOGEN KINGELLA KINGAE	\$393,625
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105679	Acetate metabolism in human cytomegalovirus infection.	\$188,000
2013	DREXEL UNIVERSITY	PA	R01AI106633	Antiviral Synergism of Inhibitors Targeting HIV-1 Env and Host Cell Co-Receptors	\$200,000
2013	UNIVERSITY OF PITTSBURGH	PA	R56AI104713	Mucosal Chemokines and Inflammation in SIV Transmission and Pathogenesis	\$704,473
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$640,225
2013	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$419,475
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$421,065
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$632,994
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$116,591
2013	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$442,579

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2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$376,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$606,582
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$242,439
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$202,497
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$366,753
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$407,197
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$437,889
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$366,351
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI079396	MECHANISMS AND THERAPEUTIC USE OF CR3 SIGNALING IN MODULATING AUTOIMMUNITY	\$133,920
2013	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$967,068
2013	INSTITUTE FOR CANCER RESEARCH	PA	U19AI083008	IMMUNE MECHANISMS THAT CONTROL ECTROMELIA VIRUS INFECTION	\$1,662,311
2013	UNIVERSITY OF PENNSYLVANIA	PA	K24AI080942	MENTORING AND PATIENT-ORIENTED RESEARCH IN ANTIMICROBIAL RESISTANCE	\$153,428
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$2,808,029
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080654	Vibrio cholerae-host interaction at the Intestinal Interface	\$372,475
2013	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	\$1,000,000
2013	THOMAS JEFFERSON UNIVERSITY	PA	R03AI099316	ANTIGEN-DRIVEN B CELL DEVELOPMENT AT THE FOLLICULAR PERIMETER	\$77,500
2013	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI073064	A novel vaccine: botulinum neurotoxin subunit on a viral carrier.	\$858,482
2013	UNIVERSITY OF PITTSBURGH	PA	F32AI096772	Synergy between TLR2 and IL-22R in airway epithelial cells during MRSA challenge	\$53,942
2013	INSTITUTE FOR CANCER RESEARCH	PA	F32AI098241	CONTROL OF GAMMA-DELTA T CELL LINEAGE COMMITMENT	\$53,942
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI100505	SCHISTOSOME TRP ION CHANNELS AS POTENTIAL DRUG TARGETS	\$225,600
2013	UNIVERSITY OF PENNSYLVANIA	PA	K08AI097223	Role of Macrophage Migration Inhibitory Factor (MIF) in Pneumococcal Pathogenesis	\$133,758
2013	CARNEGIE-MELLON UNIVERSITY	PA	R21AI100270	FUNCTIONAL ANALYSIS OF ESSENTIAL C. ALBICANS GENES	\$192,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI106333	A haploid cell-based screen for the discovery of Andes Virus entry factors	\$52,190
2013	DISCOVERY LABORATORIES INC	PA	R43AI102308	KL4 SURFACTANT TO MITIGATE RADIATION-INDUCED LUNG INJURY	\$300,000

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2013	WISTAR INSTITUTE	PA	R01AI095439	Transcriptional regulation of T cell quiescence and activation	\$404,200
2013	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$762,805
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI102942	Regulation and function of innate lymphoid cells during influenza virus infection	\$376,000
2013	THOMAS JEFFERSON UNIVERSITY	PA	R01AI105204	Preclinical characterization of a multivalent killed Filovirus/Rabies vaccine	\$949,716
2013	VENATORX PHARMACEUTICALS INC	PA	R43AI094827	NOVEL COMPOUNDS TARGETING BACTERIAL PBPS	\$300,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105959	Blocking immune evasion as a novel immunotherapy for recurrent HSV-2 infection	\$225,598
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103441	Defining the determinants on the alphavirus receptor NRAMP required for virus bin	\$240,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105455	A murine model for human factor H R1210C mutation-related diseases	\$240,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI099216	Autoimmune Encephalomyelitis And Regulatory T Cells	\$376,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI105346	Mechanisms of Inflammasome Inhibition by Salmonella	\$240,000
2013	APOGEE BIOTECHNOLOGY CORPORATION	PA	R43AI098309	Mitigation of Radiation-Induced Pulmonary Fibrosis by a Sphingosine Kinase Inhibi	\$300,000
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI105422	An adjuvant that promotes TH1/TH17 and CD8 T cells in a tuberculosis vaccine	\$951,064
2013	THOMAS JEFFERSON UNIVERSITY	PA	R56AI101134	ALTERNATIVE PATHWAYS FOR CD4+ T CELL EPITOPE GENERATION FROM INFLUENZA ANTIGENS	\$519,340
2013	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,731,283
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$362,760
2013	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$331,057
2013	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$234,670
2013	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$396,157
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$144,908
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$357,148
2013	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$227,053
2013	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$227,053
2013	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$370,916
2013	UNIVERSITY OF PENNSYLVANIA	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$1,896,120

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2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085160	Signals Affecting Homestasis and Tolerance in Memory T Cells	\$362,194
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$366,751
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI085570	Novel virulence and exoenzyme regulators	\$339,168
2013	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	\$242,709
2013	DREXEL UNIVERSITY	PA	R01AI098413	Molecular Pathways Targeted by Potent Antimalarial Pyrazole Compounds	\$459,355
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI093906	A NOVEL APPROACH TO CHARACTERIZE THE TOXOPLASMA GONDII SECRETOME IN VIVO	\$183,574
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$120,785
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	UM1AI069467	Philadelphia IMPAACT Clinical Trials Unit	\$1,129,111
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI102104	HOST-ORIENTED THERAPEUTICS TARGETING FILOVIRUS BUDDING.	\$222,664
2013	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$606,647
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI100381	ROLE OF RPL22 IN ER STRESS AND COLITIS	\$267,750
2013	DREXEL UNIVERSITY	PA	R21AI096848	New Role for a Conserved Plasmodium Transcription Factor	\$193,125
2013	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$357,903
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097333	Cytokine regulation of anti-helminth immunity	\$376,000
2013	VIRONIKA LLC	PA	R43AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$91,124
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103965	Complement and allergic asthma	\$240,000
2013	INSTITUTE FOR CANCER RESEARCH	PA	R03AI094164	THE ROLE OF HOST-ENCODED MICRORNAS IN MAINTAINING MEASLES VIRUS PERSISTENCE	\$71,625
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI107302	Markers predicting response to therapy for KPC-producing Klebsiella pneumoniae	\$219,042
2013	VENATORX PHARMACEUTICALS INC	PA	R44AI096613	Phase II SBIR: Responding to NDM-1 - Advancement of a new MBL inhibitor to IND	\$1,000,000
2013	PENNSYLVANIA STATE UNIVERSITY	PA	K22AI095384	Genetic determinants of HSV-1 virulence in neurons	\$150,000
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R56AI095165	MECHANISMS OF EPSTEIN-BARR VIRUS PERSISTENCE	\$344,361
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R03AI103748	Mechanisms of Immune Memory Regulation by PD-1	\$74,500
2013	UNIVERSITY OF PENNSYLVANIA	PA	R21AI103497	Urinary Infections due to Escherichia Coli with Reduced Quinolone Susceptibility	\$150,400
2013	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R41AI106719	DC-SIGN INHIBITORS FOR THE TREATMENT OF HIV INFECTION	\$300,000
2013	UNIVERSITY OF PENNSYLVANIA	PA	U01AI095608	Innate immune regulation of airway inflammation	\$600,645
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$543,368

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2013	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$328,001
2013	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$359,550
2013	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$544,023
2013	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$220,546
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI077533	REGULATION OF IMMUNITY AND INFLAMMATION BY TIPE2	\$362,760
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080337	IMMUNOLOGY AND OUTCOMES AFTER HAART IN HIV/TB COINFECTION	\$175,693
2013	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$185,501
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI077511	USE OF SUBSTANCE P ANTAGONISTS TO REGULATE THE SKIN IMMUNE FUNCTION	\$348,941
2013	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$731,492
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI096553	T and B cell Homeostasis After Induction Therapy in Kidney Transplantation	\$338,758
2013	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$2,196,251
2013	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$536,503
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$431,460
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI087533	Topology, Antigenicity, and Immunogenicity of the C-terminal Tail (CTT) of HIV-1	\$487,379
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI083383	EFFICACY OF THE ANTIVIRAL STATE VERSUS SINDBIS AND VENEZUELAN EQUINE ENCEPHALITIS	\$317,218
2013	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$393,625
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$364,918
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072197	Mechanisms of social-stress enhanced allergic airway response in a mouse model	\$372,518
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$361,680
2013	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$367,711
2013	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	U01AI095085	LONG-ACTING, SELF-ADMINISTERED HIV THERAPY WITH TH CCR5 ANTIBODY PRO 140	\$2,600,308
2013	UNIVERSITY OF PITTSBURGH	PA	R21AI099794	CELLULAR FUNCTIONS OF THE ESSENTIAL PCRA HELICASE IN STAPHYLOCOCCUS AUREUS	\$188,314
2013	TEMPLE UNIVERSITY	PA	R00AI099153	Regulation of EBV Latency by Chromosome Conformation	\$249,000
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$8,254,853

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2013	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI098058	SEX-SPECIFIC GENE EXPRESSION IN MALARIA PARASITE PLASMODIUM FALCIPARUM	\$175,075
2013	INSTITUTE FOR CANCER RESEARCH	PA	R21AI101558	MECHANISM OF CCC DNA SYNTHESIS IN HEPATITIS B VIRUS	\$251,685
2013	INSTITUTE FOR CANCER RESEARCH	PA	R56AI026782	LY-1 B CELLS: DEVELOPMENTAL ORIGINS AND V GENE BIASES	\$312,500
2013	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$3,099,468
2013	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$475,941
2013	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100512	The in vivo function of A3A and A3G during retrovirus infection	\$53,942
2013	THOMAS JEFFERSON UNIVERSITY	PA	R21AI105794	Targeting Daxx-mediated complex for autoimmune diseases	\$182,125
2013	TEMPLE UNIVERSITY	PA	R03AI107434	Regulation of intestinal barrier by E. coli curli fibrils	\$72,889
2013	UNIVERSITY OF PENNSYLVANIA	PA	R01AI101229	Disrupting Vector-borne Disease Transmission in Complex Urban Environments	\$617,058
2013	DREXEL UNIVERSITY	PA	R56AI100580	ECHINOCANDIN REDUCED/INCREASED SUSCEPTIBILITY: MECHANISM	\$326,768
2013	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	The Role of Innate Cells in the Pathogenesis of Leishmania Braziliensis Infection	\$576,914
2013	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$374,458
2013	UNIVERSITY OF PUERTO RICO - MEDICAL SCIENCE CAMPUS	PR	UM1AI069415	Integrated University of Puerto Rico Clinical Trials Unit	\$2,499,265
2013	BCR DIAGNOSTICS	RI	R43AI104082	ULTRASENSITIVE DETECTION OF HEPATITIS VIRUSES BY IMMUNOASSAY AMPLIFICATION	\$145,637
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106179	2013 MULTI-DRUG EFFLUX SYSTEMS GRC	\$13,500
2013	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	\$441,735
2013	RHODE ISLAND HOSPITAL	RI	R21AI103648	Hepatitis B virus genotypes B and C	\$198,750
2013	GORDON RESEARCH CONFERENCES	RI	R13AI105920	2013 APOPTOTIC CELL RECOGNITION & CLEARANCE GORDON RESEARCH CONFERENCE AND GORDON	\$10,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106065	2013 PHAGOCYTES GORDON RESEARCH CONFERENCE AND SEMINAR	\$10,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI107778	2013 CALCIUM SIGNALING GORDON RESEARCH CONFERENCE AND GORDON RESEARCH SEMINAR	\$5,000
2013	UNIVERSITY OF RHODE ISLAND	RI	U19AI082642	TRANSLATIONAL IMMUNOLOGY RESEARCH AND ACCELERATED (VACCINE) DEVELOPMENT (TRIAD)	\$2,366,785
2013	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$359,532
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106046	2013 TUBERCULOSIS DRUG DEVELOPMENT GRC	\$8,000

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2013	GORDON RESEARCH CONFERENCES	RI	R13AI104198	2013 PHYSICAL VIROLOGY GORDON RESEARCH CONFERENCE AND GORDON RESEARCH SEMINAR	\$6,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106101	2013 ANTIMICROBIAL PEPTIDES GRC/GRS	\$5,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106249	2013 MALARIA GORDON RESEARCH CONFERENCE AND GORDON RESEARCH SEMINAR	\$6,000
2013	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$350,839
2013	RHODE ISLAND HOSPITAL	RI	R21AI097963	ADJUVANT AND DOSE OPTIMIZATION OF PARAMYOSIN BASED VACCINES FOR SCHISTOSMIASIS	\$153,549
2013	RHODE ISLAND HOSPITAL	RI	R21AI097684	THE HUMAN B CELL TOLL-LIKE RECEPTOR 4 COMPLEX	\$186,825
2013	GORDON RESEARCH CONFERENCES	RI	R13AI103999	2013 TROPICAL INFECTIOUS DISEASES: FROM BENCH TO FIELD GORDON RESEARCH CONFERENCE	\$5,000
2013	EPIVAX, INC	RI	R43AI102454	Inducing Tolerance to Enzyme Replacement Therapy for Pompe Disease	\$300,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106075	2013 MICROBIAL ADHESION & SIGNAL TRANSDUCTION GORDON RESEARCH CONFERENCE	\$8,000
2013	RHODE ISLAND HOSPITAL	RI	R03AI099724	Fibrosin: A Candidate Biomarker of Schistosomal Liver Fibrosis in Humans	\$79,500
2013	ROGER WILLIAMS HOSPITAL	RI	R56AI102847	Towards a new clinical trial Advanced infection proof anti HIV gene modified T ce	\$400,205
2013	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$7,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI103989	2013 IMMUNOLOGY OF FUNGAL INFECTIONS GRC AND GRS	\$5,000
2013	RHODE ISLAND HOSPITAL	RI	R01AI101274	Schistosome Vaccines	\$353,180
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106049	2013 NUCLEOSIDES, NUCLEOTIDES, AND OLIGONUCLEOTIDES GORDON RESEARCH CONFERENCE	\$5,000
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106103	2013 STAPHYLOCOCCAL DISEASES GORDON RESEARCH CONFERENCE AND GORDON RESEARCH SEMINAR	\$6,000
2013	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,411,226
2013	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR Mediated Trophoblast Injury and Poor Pregnancy Outcomes in S. japonica	\$54,890
2013	RHODE ISLAND HOSPITAL	RI	R21AI101469	NEUTROPHIL MIGRATION IN THREE DIMENSIONS	\$181,486
2013	ROGER WILLIAMS HOSPITAL	RI	R03AI100722	REPLICATION POTENTIAL AND CELL-TROPISM OF RESIDUAL PLASMA HIVS	\$85,500

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2013	MIRIAM HOSPITAL (THE)	RI	R21AI106392	HIV Drug Resistance Monitoring in Chennai, India	\$206,875
2013	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$130,032
2013	GORDON RESEARCH CONFERENCES	RI	R13AI106191	2013 VIRUSES AND CELLS GORDON RESEARCH CONFERENCE	\$7,000
2013	BROWN UNIVERSITY	RI	K22AI095021	Missed visits and virologic failure among HIV infected African Americans receivin	\$107,288
2013	RHODE ISLAND HOSPITAL	RI	R21AI107618	Control of HBV replication at the step of core and P protein translation	\$224,190
2013	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$373,234
2013	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$1,941,670
2013	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of Feedback Networks in T cell signaling	\$359,865
2013	RHODE ISLAND HOSPITAL	RI	K08AI100997	Vaccine Development for Falciparum Malaria in Pregnant Women and Their Offspring	\$155,064
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI077283	gp96, TLR and immunologic tolerance	\$339,728
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	K22AI095372	Treatment of transplanted and established multiple myeloma using oncolytic myxoma	\$153,856
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	\$270,191
2013	SOUTH CAROLINA RESEARCH FOUNDATION	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	\$0
2013	UNIVERSITY OF SOUTH CAROLINA	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	\$324,537
2013	UNIVERSITY OF SOUTH CAROLINA	SC	R21AI099367	Phenomix: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	\$85,175
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$346,625
2013	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$339,728
2013	SOUTH DAKOTA STATE UNIVERSITY	SD	R56AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$294,097
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$108,340
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$320,151
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$151,218
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$460,616

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2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI089554	Virology Training Program	\$181,606
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083370	Molecular basis for parainfluenza virus infection and host response	\$390,852
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R03AI095852	ROLE OF M-RELATED PROTEIN AND IGG INTERACTIONS IN VIRULENCE OF S. PYOGENES	\$63,000
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI094089	METABOLIC CONTROL OF REGULATORY T CELL DIFFERENTIATION	\$262,500
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$126,144
2013	UNIVERSITY OF TENNESSEE	TN	R01AI105690	Screen for phosphatidylserine synthase inhibitors: antifungals & lipid probes	\$380,721
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$363,977
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$392,920
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI084411	TARGETING MRAY: SYNTHESIS AND VALIDATION OF MRAY INHIBITORS	\$348,975
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI096833	MECHANISMS OF CHIKUNGUNYA VIRUS BINDING AND ENTRY	\$53,942
2013	MEMPHIS STATE UNIVERSITY	TN	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	\$636,531
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of novel proteins synthesis inhibitors for MDR tuberculosis	\$936,466
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$107,911
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI102568	Metal-dependent regulation of the H. pylori Cag type IV secretion system	\$0
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	UM1AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$1,036,282
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI108102	VIRAL PROTEIN DETERMINANTS OF CORONAVIRUS REPLICATION FIDELITY	\$49,214
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI108481	Regulation of HIV-1 Host Factor Interactions by Cyclophilin A	\$26,834
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI108197	Determinants of Coronavirus Fidelity in Replication and Pathogenesis	\$560,000
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F31AI102544	The Role of LRP in the Activation of Invariant Natural Killer T Cells	\$27,072
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$463,620
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$394,800
2013	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$246,254

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2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI088729	Influence of maternal antibodies on a Sendai virus-vectored RSV vaccine	\$586,166
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$365,595
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$1
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI098383	Elucidating the regulation of interleukin-35, a regulatory cytokine, in T cells	\$52,190
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,209,774
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI101526	Role of TRIM56 in Antiviral Innate Immunity	\$225,000
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$411,250
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI107233	Imaging the struggle for nutrient metal between host and pathogen	\$219,960
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076983	STRUCTURAL ANALYSIS OF REOVIRUS ATTACHMENT MECHANISMS	\$297,013
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	T32AI078906	TRAINING GRANT IN BACTERIAL PATHOGENESIS	\$66,704
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077528	FLEXIBILITY AND COMMITMENT IN POST-EFFECTOR CD4 LYMPHOCYTES	\$359,305
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091691	The Role of Human Rhinoviruses in Premature Infant Respiratory Disease and Asthma	\$123,481
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI091306	CHARACTERIZATION OF LC3-ASSOCIATED PHAGOCYTOSIS	\$53,942
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100535	THE MECHANISMS OF HEME TOXICITY AND DETOXIFICATION IN STAPHYLOCOCCUS AUREUS	\$53,942
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$366,600
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100480	Adaptation of Staphylococcus aureus to Mn-limitation imposed by the host	\$23,790
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$2,705,916
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI100643	Mechanical basis of T cell receptor triggering	\$382,730
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$120,421
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI101171	Host-mediated zinc sequestration during Acinetobacter baumannii infection	\$431,362
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI101853	Genetic Basis For Predisposition To Immune Based Disease	\$306,250
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$352,500

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2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042284	Molecular Basis of CD1D1 and Natural T Cell Function	\$362,934
2013	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$333,473
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050083	The Cell Biology of Coronavirus Infection	\$326,641
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI052199	Molecular Control of TCR Signaling and Function	\$411,250
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$390,852
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI097978	TARGETED GENE INACTIVATION IN ANOPELES GAMBIAE VIA ARTIFICIAL NUCLEASES	\$200,313
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101407	mTOR signaling in T cell quiescence	\$411,250
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI104336	Chronic Graft Destruction: Interplay of Allo- and Autoantibodies and Nonadherence	\$1,174,176
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095346	Studies on Emergent Diarrheagenic E. coli Pathogens	\$367,077
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI104352	Tuberculosis Risk and Highly Active Antiretroviral Therapy Initiation	\$135,257
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial virulence factors contributing to virus-associated pneumonias	\$85,014
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI107331	IND-Enabling Preclinical Development of a New Radiomitigator	\$515,841
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI107625	Mechanisms to diversify repertoire and modify T cell activity after infection	\$450,423
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI104853	RATIONAL DESIGN OF A RESPIRATORY SYNCYTIAL VIRUS VACCINE TO PREVENT ASTHMA	\$366,991
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$282,000
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$366,600
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$352,500
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$373,222
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$556,878
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI089401	CAPSID-TARGETING HIV-1 ANTIVIRALS	\$684,626
2013	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI095637	CHARACTERIZATION OF A NOVEL HOST PATHWAY THAT REGULATES CHLAMYDIAL DEVELOPMENT	\$354,226
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI097733	Novel mechanisms of TCR quality control	\$87,500
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI097485	Amino acid sensing and phenotypic adaptation in T cells	\$218,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI106600	LINEAGE SPECIFIC EFFECTS OF IL10 IN AUTOIMMUNITY	\$411,250
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI104779	Development and Validation of a Clinical Prediction Rule for Pediatric Pneumonia	\$172,098
2013	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI103828	The role of NK cells in immunodysregulation by hepatitis C virus	\$438,000
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$362,934
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$366,600
2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$352,500
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$366,600
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$318,193
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$362,934
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI101629	RATES OF RHINOVIRUS SPECIES IN ADULTS AND CHILDREN WITH ACUTE RESPIRATORY ILLNESS	\$78,000
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI098380	DEFINING THE IMPACT OF HUMAN HEMOGLOBIN VARIATIONS ON STAPHYLOCOCCAL PATHOGENESIS	\$52,190
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infections Research Program	\$270,490
2013	MEMPHIS STATE UNIVERSITY	TN	R21AI099367	Phenomics: Joint Clustering to Associate Changes in Allergy and Asthma Over Time	\$90,646
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI103834	Human neutralizing monoclonal antibodies for Rift Valley fever virus	\$249,996
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI108192	Elucidating the A. baumannii response to calprotectin-mediated zinc starvation	\$49,214
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$366,600
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$386,944
2013	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$143,907
2013	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$337,425
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$366,284
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$392,000

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2013	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	\$423,617
2013	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$2,488,424
2013	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Activation-Induced Cell Death in T Cells	\$411,250
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$395,511
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI024998	INTESTINAL MUCOSAL IMMUNITY	\$353,547
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$321,940
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI079232	ENDOGENOUS GLYCOSPHINGOLIPID ANTIGENS FOR NKT CELLS	\$354,699
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090119	Regulated Intramembrane Proteolysis of CREB3L1 in Innate Antiviral Response	\$369,914
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$353,948
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI085014	Genome-wide association to Staphylococcus carriage	\$426,423
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$355,955
2013	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$262,429
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$409,387
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI095680	The Innate Immune Response in the Marmoset Model of GBV-B Infections: A Surrogate	\$519,519
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI090156	VACCINE AGAINST CMV ENDOTHELIAL TROPISM & CONGENITAL INFECTION	\$205,566
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI092891	Defining the Role of WxL Proteins in Enterococcus faecium	\$8,234
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$369,655
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI101472	HOST PATHOGEN SIGNALING IN THE INTESTINE	\$185,611
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	\$904,246
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$1,089,257
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI105980	Gene silencing therapeutics for chronic infections in cystic fibrosis	\$248,343
2013	RICE UNIVERSITY	TX	F31AI104300	The basis of astrovirus infectivity in response to maturation	\$35,832
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI101772	Development of a Novel Rift Valley Fever Virus Vaccine	\$231,750

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2013	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	\$177,596
2013	BAYLOR COLLEGE OF MEDICINE	TX	R21AI102483	IDENTIFICATION OF NOVEL CO-FACTORS FOR HIV TAT AND REV AS THERAPEUTIC TARGETS	\$183,888
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$342,121
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI101767	Assembly of bacterial cytoplasmic protein complexes measured by LRET	\$172,725
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI095040	TARGETING THE VIRUS ASSEMBLY AND ENTRY PATHWAYS FOR ANTI-HIV GENE THERAPY	\$75,500
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI108259	HIV-Induced Immune Activation in Humanized Mice	\$177,425
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105962	Therapeutic immunization to impact HSV-2 latency and associated pathogenesis	\$181,538
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$357,993
2013	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	\$468,023
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$448,380
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$7,885,911
2013	RICE UNIVERSITY	TX	R01AI055475	Synthesis of Anti-Infective Agents	\$488,217
2013	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,562,028
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$351,225
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI078972	MECHANISM OF PSRP MEDIATED ADHESION	\$239,422
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$967,287
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$349,163
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI083761	REGULATION OF T CELL ACTIVATION AND TOLERANCE BY GRAIL	\$354,699
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089454	RNA INTERFERENCE FOR THE TREATMENT OF EBOLA AND MARBURG HEMORRHAGIC FEVER	\$536,968
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI097576	Genetic Analysis of Host Specificity in Schistosoma mansoni	\$546,084
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Iron Acquisition in Anthrax	\$367,775
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI098724	NOVEL GENE-SILENCING THERAPEUTICS FOR MULTIDRUG-RESISTANT GRAM-NEGATIVE PATHOGENS	\$167,728

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2013	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI097667	SUPPRESSION OF ALLOGRAFT REJECTION BY A NOVEL PROTEIN ESAT-6	\$211,500
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI094800	Role of Type I Interferon in Allergic Asthma	\$29,455
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI085371	Using the MHC class I cytoplasmic tail to control tumor Ag presentation by DCs	\$371,300
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	\$128,169
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$359,550
2013	TEXAS HEART INSTITUTE	TX	R01AI095575	HTS platform for identification of regulators of cell adhesion molecule signaling	\$359,550
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI099150	Novel host factors in selective autophagy of viruses	\$130,356
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$359,550
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI077679	Translational Regulation in Bronchial Epithelial Cells	\$357,200
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	\$373,650
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI100489	Photocrosslinking characterization of heat-labile toxin glycoreceptors	\$52,190
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI104298	Impact of glycosylation on PsrP function	\$29,832
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI103708	Mechanism of streptococcus virulence regulation by bacterial peptide signals	\$222,075
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI105568	Rapid Ligand Pairing Strategy to Simplify Diagnostic Immunoassay Assembly	\$274,500
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI098384	Bacterial avoidance of innate immune detection	\$52,190
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$349,128
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI106237	FIFTH WORLD CONGRESS OF LEISHMANIASIS 2013	\$6,000
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI100298	CyclinD1 and the mechanisms of thymic involution	\$434,053
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI103812	L. Brazilensis Vaccine Antigens and T-cell Quality in Protection	\$77,250
2013	BAYLOR COLLEGE OF MEDICINE	TX	K23AI099159	Staphylococcus aureus resistance to topical antimicrobial agents in children	\$162,904
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$313,011
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$581,007

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2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$408,452
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$1,426,621
2013	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,414,381
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,470,019
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$367,060
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$1,930,411
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretary Immunological Synapse	\$332,690
2013	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$629,850
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$353,547
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083387	Host defense against respiratory virus infections	\$243,805
2013	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI085079	THE GENETIC BASIS OF ANTHROPOPHILY IN ANOPHELES GAMBIAE	\$236,371
2013	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$233,775
2013	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI097570	PATHOGENESIS MECHANISM OF GEMINIVIRUS- ENCODED AL2	\$178,371
2013	LUMINEX CORPORATION	TX	R01AI096228	Systems for rapid development of high sensitivity multiplex assays for biothreat	\$885,357
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$13,500,000
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI099483	Mosquito Saliva in Dengue Virus Pathogenesis	\$451,173
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI105135	Sugar Regulation of EHEC virulence	\$373,650
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI105101	Intestinal and Milk Glycan Expression in Restriction of Neonatal Infection	\$348,132
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI105651	Virulence factor identification by comparative transcriptomics in Candida species	\$228,000
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI096133	Analysis of newly identified adhesin used by pathogenic Gram-negative bacteria	\$224,190
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105710	Endogenous Retroviruses and the Immune Response to Pathogens	\$226,066
2013	TEXAS TECH UNIVERSITY	TX	R01AI099380	Exploring an Essential and Dangerous Pathway in Leishmania Parasites	\$335,749

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2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI105789	An innovative approach to improve the activity of an aluminum-containing adjuvant	\$193,274
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI016935	Role of carbon metabolism in virulence of Shigella flexneri	\$358,464
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R03AI105700	Rapid Detection of Antibodies to Adenovirus 36	\$76,000
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI107355	CCL1 gene therapy to inhibit bacterial translocation in acute radiation syndromes	\$521,570
2013	BAYLOR COLLEGE OF MEDICINE	TX	R56AI102754	P-TEFB AND HIV LATENCY	\$367,775
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI105536	Ehrlichia Type-1 Secreted Effectors Exploit Host SUMO Pathways	\$229,500
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R03AI107432	Obesity and Allergic Airway Hyperresponsiveness	\$76,000
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$626,380
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$140,939
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$392,842
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$355,343
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079110	Using Chemical Biology to Interfere with the Influenza Virus Life Cycle	\$369,914
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080681	Evasion of intrinsic antiviral host cell responses by herpesviruses	\$357,118
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$344,525
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$394,154
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$367,775
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$680,444
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI097675	THE ROLE OF MOSQUITO SALIVA IN CHIKUNGUNYA VIRUS TRANSMISSION AND DISSEMINATION	\$191,250
2013	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	\$394,442
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI097975	CHEMOKINE CXCL17 AND MUCOSAL IMMUNOSURVEILLANCE	\$215,730
2013	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI099345	ESAT-6 PRIMES DENDRITIC CELLS WITH REDUCED IL-12 AND INCREASED IL-23 PRODUCTION	\$176,250

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2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI095935	AN INTRACELLULAR NICHE FOR BORRELIA BURGDOFFER	\$219,750
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R03AI100159	IMMUNITY IN TSH-BETA SPLICE VARIANT-DEFICIENT MICE	\$76,000
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106863	Analysis of metallo-beta-lactamase sequence constraints at high resolution	\$362,464
2013	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$1,656,438
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI100703	Humoral Correlates of Protection Against HIV	\$701,822
2013	BAYLOR COLLEGE OF MEDICINE	TX	R21AI096314	BACTERIAL HEME TRANSPORT BY NON-ISD NEAT PROTEINS	\$195,625
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI107227	Mitochondrial Biomarkers of Cardiomyopathy and Cure in Chagas Disease	\$217,845
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI089973	Immunity to Ehrlichial Infections	\$108,000
2013	NORWELL INC	TX	R44AI071634	Evaluation and Production of a Multivalent Adenoviral Plague Vaccine	\$976,943
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI104519	Signaling functions of Peli family of E3 ubiquitin ligases	\$371,300
2013	BAYLOR RESEARCH INSTITUTE	TX	R21AI101810	CONTROLLING ALLERGEN-SPECIFIC TH2-TYPE RESPONSES BY TARGETING DC SURFACE LECTINS	\$232,885
2013	BAYLOR COLLEGE OF MEDICINE	TX	UM1AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$944,697
2013	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI079236	Mechanisms of Beta-blocker Induced Improvements in Asthma	\$58,695
2013	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$810,416
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI106200	Control of Treg exhaustion by OX40	\$275,625
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$349,263
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$320,969
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	Mechanism of RNA synthesis and 5'-capping by dengue virus NS5 polymerase	\$359,785
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$168,042
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI095293	Bacillus Anthracis and Complement	\$339,832
2013	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$542,543
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$323,595

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in <i>Borrelia burgdorferi</i>	\$369,914
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI075091	Extracellular pH modulation by <i>Candida albicans</i> in vitro and in vivo	\$353,401
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067839	STRUCTURAL AND FUNCTIONAL STUDY OF INFLUENZA VIRUS HEMAGGLUTININ	\$282,838
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in <i>P. Chabaudi</i> Malaria	\$322,848
2013	BAYLOR COLLEGE OF MEDICINE	TX	R25AI084826	FOUNDATIONS FOR STUDENT SUCCESS: NATIONAL AFTER SCHOOL NETWORK	\$149,136
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI093533	Mechanism and pathophysiological significance of mast cell regulated exocytosis	\$376,369
2013	BAYLOR RESEARCH INSTITUTE	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$368,480
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$297,040
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI101932	THE ROLE OF COMPLEMENT SYSTEM IN ALLOIMMUNE RESPONSES	\$185,650
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI098099	PATHWAYS REGULATING PLASMACYTOID DENDRITIC CELLS IN PEYERS PATCHES	\$197,500
2013	BAYLOR RESEARCH INSTITUTE	TX	R01AI097348	Understanding the early and late endosomal TLR9-mediated responses to viral DNA.	\$368,480
2013	UNIVERSITY OF TEXAS AT DALLAS	TX	K22AI099088	CRISPR defense and acquired antibiotic resistance in <i>Enterococcus faecalis</i>	\$156,710
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI101417	FACTORS ASSOCIATED WITH PERSISTENT ANAL HUMAN PAPILLOMAVIRUS INFECTION AMONG MEN	\$152,098
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in <i>Plasmodium falciparum</i>	\$615,840
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI103248	Nitrate respiration by <i>Salmonella</i> during gut inflammation	\$94,414
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI095788	MICROBIOTA-DERIVED METABOLITES IN MUCOSAL HOMEOSTASIS	\$201,542
2013	BAYLOR RESEARCH INSTITUTE	TX	R56AI105066	DC-ASGPR AS A NOVEL TARGET FOR CONTROLLING GVHD AND ALLOGRAFT REJECTION	\$368,480
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R56AI104430	Optimized Adaptation of Simian-tropic R5 HIV Clade C to Pig-tailed Macaques	\$903,811
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI103627	Characterization of C02 Sensing and Regulatory Response in <i>Borrelia burgdorferi</i>	\$72,771
2013	YASO BIOTECHNOLOGY INC	TX	R44AI084225	Continuing Development of PPCM Vaginal Contraceptive Microbicide	\$1,000,000
2013	TEXAS A & M UNIVERSITY	TX	R21AI107138	Investigate the multifunctional adhesins in <i>Cryptococcus</i>	\$193,089

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2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$268,180
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$373,650
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$361,609
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$373,650
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$369,914
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI042345	GENETIC MECHANISMS IN BORRELIA BURGDORFERI PATHOGENESIS	\$334,206
2013	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$4,362,911
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$404,963
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$128,113
2013	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI099850	EVALUATION OF MARKETED DRUGS FOR RAPID DEVELOPMENT AS ANTI-CRYPTOSPORIDAL AGENTS	\$186,050
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$309,099
2013	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$370,940
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo	\$357,106
2013	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098976	Molecular effects of SUMOylation on influenza virus infection: SUMO and NS1	\$245,928
2013	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098238	Regulation of the HIV cofactor activity of LEDGF/p75 by interacting proteins	\$348,068
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$312,626
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	\$637,614
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI097929	MECHANISMS OF ANTIBIOTIC RESISTANCE IN CONFINED MICROCOLONIES	\$186,255
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI095951	A NOVEL ROLE FOR THE TLR SIGNALING ADAPTOR TRAM	\$173,601
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI102267	BIOAVAILABLE PROTEASOME INHIBITORS AS BROAD-SPECTRUM ANTIVIRALS	\$125,694
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI103643	Structural Components of the Campylobacter jejuni Polar Flagellar Motor	\$193,610
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI106958	The role of indolamine2,3-dioxygenase in the host response/pathogenesis of Venezu	\$174,100

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2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI007271	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$92,108
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$325,448
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$367,775
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$425,705
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$348,975
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$357,376
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$352,500
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$476,758
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$128,699
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$423,558
2013	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI087741	The Structural Basis of Viral RNA Sensing by the RIG-I Like Receptors	\$303,291
2013	BAYLOR COLLEGE OF MEDICINE	TX	K23AI087821	Genome-wide genetic variation in the human immune response to influenza vaccines	\$131,496
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	\$492,173
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$353,912
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$370,127
2013	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$340,582
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$373,650
2013	BAYLOR COLLEGE OF MEDICINE	TX	R21AI099007	HIV-1 RESISTANCE TO TYPE I INTERFERON IN MACAQUES	\$195,625
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$0
2013	PULMOTECT INC	TX	R44AI092904	Rapidly boosting innate immunity in the lungs to protect against pneumonia	\$997,525
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI097958	DEVELOPMENT OF GENETIC TECHNIQUES IN CHLAMYDIA	\$73,500
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI100893	INDUCTION OF PROTECTION AGAINST CRYPTOCOCCUS NEOFORMANS IN IMMUNE DEFICIENT HOSTS	\$172,725

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2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Effector Proteins in Coxiella burnetii	\$397,132
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI102304	VECTOR-HOST-PATHOGEN INTERFACE IN MONOCYTOTROPIC EHRLICHIOSIS	\$179,775
2013	TERAPIO CORPORATION	TX	R44AI081356	Development of RLIP76 protein as a Radiation Countermeasure	\$1,000,000
2013	RICE UNIVERSITY	TX	R21AI103777	Astrovirus structure and replication	\$210,772
2013	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI102621	Role of SNARE proteins in HIV-1 assembly and release	\$75,500
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI096277	EFFICIENT LINKAGE MAPPING METHODS FOR SCHISTOSOMA MANSONI	\$188,427
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI101325	MECHANISMS OF AIRWAY NEUROGENIC INFLAMMATION BY ASTHMA-INDUCING ALLERGENS	\$175,663
2013	UNIVERSITY OF TEXAS AT AUSTIN	TX	R56AI076322	The Outer Surface of Vibrio cholerae	\$384,317
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI103295	Development of Monoclonal Antibody (Mab) Biologics against Neonatal Candidiasis	\$73,500
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI107096	Molecular mechanisms and epigenetic signatures that specify thymus fate	\$299,999
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI102887	Broadly Specific Needle-Free Vaccines against Emerging and Biothreat Viruses	\$554,469
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI101437	Mechanisms of the unusual cytokinesis in trypanosomes	\$357,200
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$358,281
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$329,081
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$371,936
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$124,842
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolyticus T3SS1	\$369,914
2013	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI074860	CPAF INDUCED CD4+ T CELL MEDIATED IMMUNITY AGAINST CHLAMYDIA	\$332,818
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$360,282
2013	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$3,059,835
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$369,914
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$362,599

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2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI047923	Alternative Approaches for E. faecalis Infections	\$618,720
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$802,730
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	\$377,242
2013	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$37,881
2013	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI090705	ANTIGEN PRESENTATION BY EPITHELIAL STEM CELLS TO PROMOTE LIFE LONG IMMUNITY	\$712,909
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$369,914
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	\$373,650
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093491	Novel Vaccine Technology for Chikungunya	\$954,393
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI099422	Functional Relationships Between the Lupus Susceptibility Loci Lyn and Ets1	\$154,017
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI093897	MECHANISMS OF MITOCHONDRIAL DNA REPLICATION LICENSING IN TRYPANOSOMES	\$190,000
2013	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	\$58,706
2013	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI099518	REGULATION OF MONOCYTE RECRUITMENT AND FUNCTION BY THE IL-23/IL-17 AXIS	\$72,500
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098077	EFFECT OF ATOPY ON DENDRITIC CELL ANTIVIRAL RESPONSES	\$373,509
2013	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI101740	In vivo dual Bioluminescence Reporter System of Infectious Borrelia burgdorferi	\$205,273
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI099442	INHIBITORY RECEPTORS IN EARLY B CELL DEVELOPMENT	\$186,825
2013	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Micobacteria	\$1,860,193
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI103260	Does ampicillin resistance or clade type determine GI colonization by E. faecium	\$228,000
2013	TEXAS TECH UNIVERSITY	TX	R21AI099575	NANOENGINEERED VIRUS-MIMICS AS TEMPLATES FOR DESIGN OF A UNIVERSAL INFLUENZA A VA	\$132,587
2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI103771	Role of DNA Ligands in Innate Immunity	\$77,250
2013	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI105454	Role of type IV secretion-mediated protein translocation in E. faecalis	\$241,000
2013	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI106654	Effector and memory T follicular helper cells	\$200,000

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2013	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099123	Rational Development of Candidate Attenuated Flavivirus Vaccines	\$363,075
2013	BAYLOR COLLEGE OF MEDICINE	TX	R01AI106574	Inhibition of HIV by GPI-anchored Antibody Derivatives	\$200,000
2013	RICE UNIVERSITY	TX	R56AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$359,901
2013	BAYLOR COLLEGE OF MEDICINE	TX	R03AI099405	Role of STAT3 in the pathogenesis of Inflammatory Bowel Disease	\$78,250
2013	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI103947	Lead optimization of DHODH inhibitors for malaria	\$636,297
2013	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$138,842
2013	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$476,994
2013	UNIVERSITY OF UTAH	UT	K22AI095375	EXPLORING THE MECHANISMS OF T CELL INTRINSIC TLR2 SIGNALING ON TREG FUNCTION	\$108,000
2013	UNIVERSITY OF UTAH	UT	R01AI095647	Bacterial Invasion and Trafficking within the Bladder	\$350,150
2013	UNIVERSITY OF UTAH	UT	R25AI095212	Your Body's Microbial Ecosystem: Web-based Curriculum for Secondary Science	\$131,179
2013	UNIVERSITY OF UTAH	UT	R21AI106438	Reactivation of latent HIV through TLR signaling	\$223,750
2013	NAVIGEN INC	UT	R44AI095172	Therapeutic D-peptide Inhibitor of HIV Entry	\$1,000,000
2013	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$277,310
2013	UNIVERSITY OF UTAH	UT	R01AI087508	An Ex Vivo Model of HIV-1 Latency and Reactivation using Primary Memory Cells	\$345,403
2013	UTAH STATE UNIVERSITY	UT	R21AI101464	CELLULAR COMPONENTS INVOLVED IN JAPANESE ENCEPHALITIS VIRUS ENTRY	\$158,178
2013	NAVIGEN INC	UT	R43AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$300,000
2013	UTAH STATE UNIVERSITY	UT	K22AI099086	Lipid raft effects on Shigella type III secretion system-based interactions	\$160,400
2013	NAVIGEN INC	UT	R43AI098197	Protease-resistant D-peptide inhibitors of RSV entry	\$296,123
2013	BRIGHAM YOUNG UNIVERSITY	UT	R15AI107753	The role of antigenic strength in the primary and memory responses of pathogen sp	\$449,087
2013	BIOFIRE DIAGNOSTICS INC	UT	R43AI104029	Rapid, automated, detection of viral and bacterial pathogens causing meningitis	\$300,000
2013	UNIVERSITY OF UTAH	UT	R56AI107090	THE ROLE OF T CELL INTRINSIC TLR SIGNALING ON HOST-COMMENSAL INTERACTIONS	\$350,150
2013	UNIVERSITY OF UTAH	UT	R01AI080830	The role of antigenic stimulatory strength in the selection and differentiation o	\$347,133
2013	UNIVERSITY OF UTAH	UT	R56AI032223	Borrelia Burgdorferi Mitogen in Development of Arthritis	\$350,150

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2013	UTAH STATE UNIVERSITY	UT	R21AI101483	TARGETING INDUCTION OF CALCIUM BUFFER PROTEINS FOR TREATMENT OF VIRAL ENCEPHALITI	\$192,733
2013	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$277,667
2013	UNIVERSITY OF UTAH	UT	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$0
2013	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$341,511
2013	UNIVERSITY OF UTAH	UT	R01AI100873	Role of transcription coactivator OCA-B in gene poising and immunological memory.	\$350,835
2013	BIOFIRE DIAGNOSTICS INC	UT	R01AI104593	Performance Validation of a Multiplexed IVD System for Gastrointestinal Pathogens	\$1,433,555
2013	GEORGE WASHINGTON UNIVERSITY	VA	R37AI052731	Innate NKT Cells in HIV Infection	\$311,506
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101619	THE SYSTEMS BIOLOGY OF IRON HOMEOSTASIS AND THE IMMUNE RESPONSE TO ASPERGILLUS	\$218,000
2013	UNIVERSITY OF VIRGINIA	VA	U19AI083024	IMMUNE REGULATION OF VIRUS CLEARANCE AND TISSUE INJURY AT SITES OF INFECTION	\$1,478,707
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$775,296
2013	UNIVERSITY OF VIRGINIA	VA	R01AI082024	MHC REGULATION OF NK CELL MEDIATED VIRUS IMMUNITY	\$356,271
2013	GATACA LLC	VA	R44AI084307	Integrated software application for management of Hepatitis C Virus data	\$705,108
2013	GEORGE MASON UNIVERSITY	VA	R15AI100001	INDUCTION OF DNA DAMAGE SIGNALING CASCADE UPON RVFV INFECTION	\$429,703
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$353,248
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$422,772
2013	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$350,640
2013	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study mouse virus resistance mechanisms	\$378,939
2013	UNIVERSITY OF VIRGINIA	VA	R01AI099097	Bacillus anthracis Targets Involved in Chemokine-Mediated Antimicrobial Activity	\$371,300
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R56AI103265	Antiviral Immunity in Mosquitoes	\$378,350
2013	UNIVERSITY OF VIRGINIA	VA	R56AI099033	LYMPHATIC ENDOTHELIAL CELLS AS INDUCERS OF SYSTEMIC PERIPHERAL TOLERANCE	\$259,911
2013	GEORGE WASHINGTON UNIVERSITY	VA	R21AI101369	Developing tools for genetic manipulation of hookworms	\$223,733
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	K22AI097299	The Role of the Autonomic Nervous System in HSV Infection	\$162,000
2013	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$404,982
2013	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$457,860

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$67,710
2013	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$371,300
2013	UNIVERSITY OF VIRGINIA	VA	U01AI026512	Long term Impact and Intervention for Diarrhea in Brazil	\$651,247
2013	GEORGE WASHINGTON UNIVERSITY	VA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$140,773
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$355,542
2013	UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	\$740,042
2013	UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$398,219
2013	GEORGE WASHINGTON UNIVERSITY	VA	R03AI102837	ANTI-HIV ACTIVITY IN GENITAL TRACT SECRETIONS OF POSTMENOPAUSAL WOMEN	\$75,484
2013	UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$368,574
2013	UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$129,870
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R13AI100552	MID-ATLANTIC MICROBIAL PATHOGENESIS MEETING (MAMPM), 2013	\$5,000
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI103606	Orientia tsutsugamushi modulation of host cell ubiquitination machinery	\$215,025
2013	UNIVERSITY OF VIRGINIA	VA	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$437,824
2013	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$356,892
2013	UNIVERSITY OF VIRGINIA	VA	R01AI012464	STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	\$182,062
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$621,519
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101774	Regulation of the Paeruginosa Type III Secretion System by the Multifaceted Tran	\$176,766
2013	UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$359,256
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI099120	DYNAMICS AND MECHANISM OF MECHANICAL REGULATION OF BACTERIAL FLAGELLAR MOTOR SWIT	\$73,966
2013	TECHLAB, INC	VA	R41AI094733	Point-of-Care Diagnostic Test for Entamoeba histolytica Cysts	\$299,841
2013	UNIVERSITY OF VIRGINIA	VA	U01AI100799	An Evaluation of Treatment with Omalizumab to Improve the Asthmatic Response to a	\$1,114,692
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI097676	AN HBC-VECTORED PEPTIDE-BASED CYTOMEGALOVIRUS VACCINE	\$74,750
2013	UNIVERSITY OF VIRGINIA	VA	R21AI102962	HIV and ADAR Editing	\$273,658
2013	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$371,300

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2013	UNIVERSITY OF VIRGINIA	VA	K08AI081900	BORDETELLA ADENYLATE CYCLASE TOXIN: THE ROLE OF CELL INTERACTION IN TOXIN FUNCTIO	\$129,789
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI085091	Antiviral Pathways in Disease Vector Mosquitoes	\$355,399
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI101666	FUNCTIONAL CHARACTERIZATION OF ORIENTIA TSUTSUGAMUSHI ANKRYIN REPEAT PROTEINS	\$74,750
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI100039	Coenzyme F420-dependent enzymes in mycobacteria	\$187,530
2013	UNIVERSITY OF VIRGINIA	VA	R21AI105970	Systems-biology Approaches for Decoding Persistent Coxsackievirus B3 Infection	\$233,934
2013	ALEXANDER BIODISCOVERIES LLC	VA	R44AI084244	Novel anti-viral agents to treat influenza	\$1,000,000
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$378,350
2013	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$549,363
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$346,531
2013	UNIVERSITY OF VIRGINIA	VA	R01AI079621	T CELL EPITOPE MIMICRY FOR AUTOIMMUNE RESPONSES IN SLE	\$399,042
2013	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseses and Transplantation Training Grant	\$156,790
2013	UNIVERSITY OF VIRGINIA	VA	F32AI093041	The Role of Leptin in Susceptibility to Amebiasis	\$53,942
2013	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	K23AI093678	Oral Polio Vaccine Circulation in Mexico	\$126,630
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI105575	Function of Guy1, a Y-specific gene of Anopheles stephensi	\$234,512
2013	GEORGE MASON UNIVERSITY	VA	R21AI099851	Microparticle Capture-Based Analysis of Lymph Node Proteome	\$184,063
2013	UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$129,325
2013	UNIVERSITY OF VIRGINIA	VA	R21AI103601	A Novel Viral Membrane Fusion Triggering Mechanism	\$222,780
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI019146	Activation of Alginate Genes in Pseudomonas aeruginosa	\$346,531
2013	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN-γ with mast cells and eosinophils i	\$361,900
2013	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$154,254
2013	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	\$1,443,363
2013	UNIVERSITY OF VIRGINIA	VA	R33AI081616	FUNCTIONAL HIV ENVELOPE TRIMER AS A PROPHYLACTIC HIV/AIDS VACCINE CANDIDATE	\$425,594

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2013	UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$368,629
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI099250	Juvenile hormone action, and crosstalk between juvenile hormone and 20-hydroxyecd	\$324,362
2013	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$375,272
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI099843	RECOMBINATION-MEDIATED CASSETTE EXCHANGE IN Aedes Aegypti Mosquitoes	\$199,500
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R13AI108034	INNATE CELL PLASTICITY CONFERENCE-SOCIETY OF LEUKOCYTE BIOLOGY	\$8,000
2013	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$4,195,685
2013	UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Membrane Fusion	\$488,723
2013	UNIVERSITY OF VIRGINIA	VA	R21AI103536	Development of an E. histolytica Multilocus Genotyping System	\$234,777
2013	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$422,684
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$395,425
2013	UNIVERSITY OF VIRGINIA	VA	R01AI052196	IMMUNE RESPONSE TO CAT: REGULATORY AND EFFECTOR T CELLS	\$348,941
2013	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$398,592
2013	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$130,275
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$351,325
2013	GEORGE WASHINGTON UNIVERSITY	VA	R56AI102711	IL-21 DEPENDENT IMMUNITY TO MICROSPORIDIA	\$389,019
2013	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101345	Chromosome-based genome assembly for Culex quinquefasciatus	\$251,397
2013	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI101153	Control of IgG-mediated Inflammation by Fyn and Lyn Kinases	\$350,835
2013	UNIVERSITY OF VIRGINIA	VA	K24AI102972	Molecular Diagnostic Tools for Patient Oriented Field Studies in Infectious Disease	\$152,048
2013	UNIVERSITY OF VERMONT	VT	R21AI101381	Novel approaches to develop a treatment for cryptosporidiosis	\$190,625
2013	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$335,613
2013	UNIVERSITY OF VERMONT	VT	R01AI080302	MOLECULAR REGULATION OF HIV-1 ASSEMBLY, RELEASE AND CELL-TO-CELL TRANSMISSION	\$346,638
2013	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$181,642
2013	UNIVERSITY OF VERMONT	VT	R01AI103003	Pseudomonas detection and metabolism of sphingosine	\$274,500
2013	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$346,638
2013	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$363,075
2013	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$323,376
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$604,985

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2013	UNIVERSITY OF WASHINGTON	WA	K23AI087206	Intense Validation of a Mathematical Model of Herpes Simplex Virus-2 Pathogenesis	\$127,996
2013	UNIVERSITY OF WASHINGTON	WA	K08AI089938	The Role of CD1a in Protecting Against Human Tuberculosis	\$126,863
2013	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$356,100
2013	TRIA BIOSCIENCE CORPORATION	WA	R44AI081383	PROTECTIVE VACCINE FOR H5N1 FLU USING H5 PROTEIN AND A NOVEL TLR4 AGONIST.	\$1,000,000
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$481,984
2013	UNIVERSITY OF WASHINGTON	WA	F32AI096623	DEFINING THE ROLE OF PERSISTENT ANTIGEN PRESENTATION IN CD8 T CELL MEMORY DEVELOP	\$57,734
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	\$4,375,129
2013	UNIVERSITY OF WASHINGTON	WA	F32AI088856	Inhibition of Hepatitis C Virus Infection by Interferon-induced Transmembrane Pro	\$55,670
2013	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$596,800
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$444,565
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI104384	Defining BCR evolution during immunization	\$650,449
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	\$130,680
2013	UNIVERSITY OF WASHINGTON	WA	K08AI102921	Mechanisms to restrain social cheating from quorum sensing in Pseudomonas aerugin	\$175,792
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI105769	Ribosome Profiling in Plasmodium falciparum	\$259,440
2013	UNIVERSITY OF WASHINGTON	WA	R37AI107494	Mechanisms by which CD8 T cells shape CNS autoimmunity initiated by CD4 T cells	\$452,747
2013	UNIVERSITY OF WASHINGTON	WA	R56AI092093	FNIP1 FUNCTION IN LYMPHOCYTE DEVELOPMENT, ACTIVATION AND METABOLISM	\$353,497
2013	UNIVERSITY OF WASHINGTON	WA	R01AI106850	Drug Discovery for Human African Trypanosomiasis	\$689,303
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI104238	Binding Mechanisms in P.falciparum Cerebral Malaria	\$537,765
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$559,922
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$873,791
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$392,880
2013	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$638,891
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$441,937

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2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$402,592
2013	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$545,936
2013	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	\$896,077
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$393,833
2013	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R01AI097038	Recombinase Polymerase Amplification for Point-of-Care Diagnosis of Infant HIV-1	\$378,624
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076498	PROTECTIVE IMMUNITY INDUCED BY P. YOELII GENETICALLY ATTENUATED VACCINES	\$457,157
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$2,124,372
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$569,046
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$7,256,662
2013	UNIVERSITY OF WASHINGTON	WA	F32AI096759	Defining the role of the Inflammasome in immunity against Flavivirus Infection	\$9,359
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$740,566
2013	UNIVERSITY OF WASHINGTON	WA	R21AI099872	NOVEL AAV-BASED TOOLS FOR LIVER IMMUNOLOGY	\$181,538
2013	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	\$130,032
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI100782	Inhibition of Liver Macrophage activation in SIV infected macaques	\$304,428
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI106761	Omics for TB Disease Progression (OTB)	\$3,325,694
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$2,303,678
2013	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI095652	High throughput assays to detect inhibition of a key M. tuberculosis protease	\$364,250
2013	WASHINGTON STATE UNIVERSITY	WA	R01AI102672	Improved Foamy Virus Vectors for AIDS Gene Therapy	\$348,718
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI104449	PrEP EXPOSURE DURING HIV-1 INFECTION AND THE RISK OF LOW-FREQUENCY ARV RESISTANCE	\$278,309
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI070749	EUKARYOTIC-SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$482,356
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI101200	ZINC TRANSPORTER-8-SPECIFIC T CELL RESPONSES IN THE PREDICTION OF TYPE 1 DIABETES	\$419,462
2013	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$525,902

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2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,260,037
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI087657	Regulatory T cell Modulation of Immunity to Mucosal Viral Infections	\$409,464
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$2,419,351
2013	UNIVERSITY OF WASHINGTON	WA	R03AI101467	ESTABLISHING AND CHARACTERIZING BAFF RFP REPORTER AND BAFF KNOCKIN MICE	\$89,000
2013	UNIVERSITY OF WASHINGTON	WA	K24AI089794	Innate Immunogenetics & Human Infections	\$149,700
2013	WASHINGTON STATE UNIVERSITY	WA	R01AI083387	Host defense against respiratory virus infections	\$67,132
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI098424	Effect of Helicobacter pylori cell shape on pathogenesis	\$34,690
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	\$401,856
2013	UNIVERSITY OF WASHINGTON	WA	R21AI094126	PATHOADAPTIVE MUTATIONS IN TREPONEMA PALLIDUM, THE SYPHILIS	\$231,750
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$551,370
2013	UNIVERSITY OF WASHINGTON	WA	R21AI096058	THE GENDER SPECIFIC PREVALENCE OF MULTIPLE STRAIN GENITAL HSV-2 INFECTION	\$181,538
2013	WASHINGTON STATE UNIVERSITY	WA	R21AI096103	CONFORMATIONAL CHANGE IN HSV GLYCOPROTEIN B	\$177,425
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$408,528
2013	TRIA BIOSCIENCE CORPORATION	WA	R43AI098290	CROSS-PROTECTIVE MONOCLONAL ANTIBODIES FOR TREATMENT OF PANDEMIC FLU	\$300,000
2013	UNIVERSITY OF WASHINGTON	WA	R21AI098497	SEROADAPTIVE BEHAVIORS AMONG MSM TO PREVENT HIV/STD	\$181,538
2013	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$125,566
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$5,995,463
2013	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$559,240
2013	UNIVERSITY OF WASHINGTON	WA	U19AI107775	Funtion of Uncharacterized Genes of Acinetobacter baumannii	\$1,443,872
2013	THE GENEVA FOUNDATION	WA	R01AI105383	Preclinical Assessment of a Multi-Head Electroporation Device for Delivery of Bio	\$718,789
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100037	Drug-resistance testing in Kenya to improve ART suppression of HIV replication	\$780,108
2013	PHARMAIN CORPORATION	WA	R43AI098130	NANOCARRIER FORMULATED ENZYME FOR THE TREATMENT OF S. AUREUS INFECTION	\$300,000

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2013	UNIVERSITY OF WASHINGTON	WA	K23AI103105	Prospective Community-Based Study of RSV Risk Factors in Nepalese Children	\$176,347
2013	UNIVERSITY OF WASHINGTON	WA	R01AI107034	BAYESIAN MODELING AND DATA INTEGRATION IN INFECTIOUS DISEASE PHYLODYNAMICS	\$351,488
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$1,155,049
2013	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$522,248
2013	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus vectors	\$362,934
2013	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$363,075
2013	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$403,380
2013	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$2,316,771
2013	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$845,449
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54CA163438	Immune Mediated Disorders After Allogeneic Hematopoietic Cell Transplants (HCT)	\$945,170
2013	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$1,850,753
2013	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,796,097
2013	UNIVERSITY OF WASHINGTON	WA	R01AI089441	Calcium Dependent Protein Kinase 1 as a drug target for T. gondii and C. parvum	\$929,801
2013	UNIVERSITY OF WASHINGTON	WA	F32AI096820	The role of PhoP/PhoQ-regulated phospholipid alterations in Salmonella pathogenes	\$55,442
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI083455	Impact of the autoimmunity associated PTPN22 1858T	\$419,085
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI098039	HOST MANIPULATION BY THE MYCOBACTERIUM TUBERCULOSIS PHOSPHATASE PTPB	\$250,952
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI097786	B7-BASED, CD28 OR CTLA-4-SPECIFIC AGONISTS AND ANTAGONISTS FOR TOLERANCE INDUCTIO	\$256,356
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$11,269,896
2013	UNIVERSITY OF WASHINGTON	WA	R21AI097950	THE RELATIONSHIP BETWEEN TCR REVISION AND FOLLICULAR HELPER T CELLS	\$225,116
2013	UNIVERSITY OF WASHINGTON	WA	R21AI098648	A NANOGUARD VAGINAL MATRIX AS A DUAL-PROTECTION CONTRACEPTIVE MICROBICIDE	\$183,357
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	\$409,622
2013	THE GENEVA FOUNDATION	WA	R21AI101387	TARGETING CELLULAR PROCESSES TO COUNTER THE EFFECTS OF BONT INTOXICATION	\$183,563

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2013	UNIVERSITY OF WASHINGTON	WA	R01AI099974	Assisted Partner Notification to Augment HIV Treatment and Prevention in Kenya	\$759,146
2013	PROTEIN ADVANCES INC	WA	R43AI103983	Process Development on a Schistosomiasis Vaccine, SchistoShield???	\$300,000
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI101424	Trypanosome transmembrane kinases	\$283,500
2013	UNIVERSITY OF WASHINGTON	WA	R21AI105898	Targeting chronic Pseudomonas aeruginosa wound infections	\$230,115
2013	UNIVERSITY OF WASHINGTON	WA	F32AI102497	MOLECULAR BASIS OF PSEUDOMONAS AERUGINOSA PERSISTENCE IN CHRONIC WOUND INFECTIONS	\$52,190
2013	UNIVERSITY OF WASHINGTON	WA	R21AI107402	Mycoplasma genitalium variation in longitudinally infected men	\$217,845
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI104370	Improved Methods for Assessing Immune Correlates in HIV-1 Vaccine Trials	\$88,000
2013	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$742,164
2013	UNIVERSITY OF WASHINGTON	WA	R01AI104679	Conserved Elements Therapeutic DNA Vaccine for HIV	\$959,000
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$710,150
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053709	NEW INFECTION-RELATED PROTEINS OF PLASMODIUM SPOROZOITES AND LIVER STAGES	\$355,251
2013	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$356,539
2013	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$5,254,390
2013	UNIVERSITY OF WASHINGTON	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,417,953
2013	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$370,817
2013	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$6,000
2013	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$187,777
2013	UNIVERSITY OF WASHINGTON	WA	U01AI082186	Accelerated molecular probe pipeline	\$683,601
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K25AI087397	Computational Approaches to Studying Immunodominance.	\$123,888
2013	UNIVERSITY OF WASHINGTON	WA	K08AI087969	Female Genital Innate Immune Response to Vaginal Microbiota	\$127,116
2013	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$356,980
2013	UNIVERSITY OF WASHINGTON	WA	K24AI087399	HIV-1 and Protective Immunity against Common Childhood Pathogens	\$128,287
2013	UNIVERSITY OF WASHINGTON	WA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$288,770
2013	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	\$1,074,296

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	\$291,184
2013	UNIVERSITY OF WASHINGTON	WA	R01AI084004	Selective inhibition of tRNA synthetases from pathogenic protozoa	\$651,975
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI097832	FOAMY VIRUS ZONOTIC TRANSMISSION FROM NEW WORLD MONKEYS	\$220,417
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI099936	Poxviral antagonism of the IFIT-mediated antiviral response	\$248,160
2013	UNIVERSITY OF WASHINGTON	WA	R33AI088597	Engineering antiviral innate immunity for safe and effective microbicides	\$322,408
2013	WASHINGTON STATE UNIVERSITY	WA	R21AI097974	MOLECULAR MECHANISMS OF YERSINIA PESTIS PERSISTENCE IN THE FLEA VECTOR	\$188,750
2013	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$1,162,042
2013	INBIOS INTERNATIONAL, INC	WA	R41AI102482	ANTIGEN DETECTION ASSAY FOR THE DIAGNOSIS OF MELIOIDOSIS	\$299,699
2013	UNIVERSITY OF WASHINGTON	WA	R33AI094412	Nanoparticle microbicides for delivery of combination antiretroviral drugs	\$664,257
2013	UNIVERSITY OF WASHINGTON	WA	R21AI107776	Chromatin states encoding fate commitment and plasticity of tolerant CD8 T cells	\$181,538
2013	UNIVERSITY OF WASHINGTON	WA	R21AI101564	Regulation of CD4+ T cell responses by a progesterone receptor	\$260,375
2013	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$484,151
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$468,526
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI053193	CD8+ T CELL IMMUNITY TO CYTOMEGALOVIRUS	\$471,690
2013	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,370,938
2013	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular Characterization of T-bet's Role in Immunity	\$326,641
2013	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$308,774
2013	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$182,894
2013	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$309,902
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	\$568,479
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$292,871
2013	UNIVERSITY OF WASHINGTON	WA	R01AI099106	Impact of suppressive antimicrobial therapy on the vaginal microbiota and BV	\$533,080
2013	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$513,724
2013	UNIVERSITY OF WASHINGTON	WA	K01AI087369	Vertical CMV transmission in the setting of maternal HIV-1 infection in Kenya	\$127,116

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI099930	DIFFERENCES IN INFECTING AND COLONIZING ENTEROBACTERIACEAE FROM SHORT-COURSE VS S	\$225,557
2013	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	\$773,664
2013	UNIVERSITY OF WASHINGTON	WA	R01AI093418	Point-of-care concentration and detection of pathogen antigens in samples	\$502,688
2013	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$705,796
2013	WASHINGTON STATE UNIVERSITY	WA	R21AI094329	DISSECTING THE EARLY STEPS OF THE NIPAH VIRUS FUSION CASCADE	\$188,750
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R33AI089405	Novel HIV 1 Envelope immunogens derived from broadly neutralizing plasmas	\$532,904
2013	WASHINGTON STATE UNIVERSITY	WA	R21AI094315	DEVELOPMENT OF A MALARIAL KINASE-ON-PHAGE SCREENING PLATFORM	\$177,425
2013	UNIVERSITY OF WASHINGTON	WA	K22AI098440	Mucosal Immune Dysfunction after SIV Infection	\$162,000
2013	UNIVERSITY OF WASHINGTON	WA	R01AI106775	The spatial organization of the Plasmodium genome throughout its infectious cycle	\$396,836
2013	UNIVERSITY OF WASHINGTON	WA	R21AI103846	Antigenic switch in bacterial adhesins	\$217,845
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI093808	INITIATION OF THE IMMUNE RESPONSE TO ASPERGILLUS FUMIGATUS	\$71,293
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI052319	T CELL MODULATION BY NKG2D	\$405,370
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$787,926
2013	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$291,781
2013	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$355,237
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$686,720
2013	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$354,523
2013	UNIVERSITY OF WASHINGTON	WA	K08AI076604	TLR 1 VARIATION AND THE IMMUNE RESPONSE TO MYCOBACTERIUM TUBERCULOSIS	\$130,680
2013	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	U01AI081895	DETECTION OF TOXINS: A COMBINED ELISA MICROARRAY AND ACTIVITY ASSAY PLATFORM	\$449,551
2013	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$117,674
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI090783	IDENTIFYING, CHARACTERIZING AND INDUCING EFFECTIVE ANTI-HIV T CELL RESPONSES	\$595,151
2013	UNIVERSITY OF WASHINGTON	WA	U19AI088778	Center for the Study of Innate Immunity to HCV Infection	\$807,007
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$370,608

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2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$2,835,895
2013	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$127,521
2013	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$1,073,834
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI092120	Identification of vaccine candidates against severe malaria	\$26,063
2013	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$582,463
2013	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	\$126,864
2013	KINETA INC	WA	R44AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$798,935
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	\$553,395
2013	UNIVERSITY OF WASHINGTON	WA	R21AI097514	CD180 AND THE MACROPHAGE RESPONSE TO LEGIONELLA PNEUMOPHILA	\$193,125
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$403,848
2013	UNIVERSITY OF WASHINGTON	WA	UM1AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,031,902
2013	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	\$363,075
2013	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI101936	ROLE OF INTERLUKIN 23 AND INNATE LYMPHOID CELLS IN PROTECTIVE IMMUNITY	\$227,950
2013	UNIVERSITY OF WASHINGTON	WA	R21AI105268	Linking apparatus dynamics to interbacterial intoxication by type VI secretion	\$224,721
2013	UNIVERSITY OF WASHINGTON	WA	R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$363,075
2013	UNIVERSITY OF WASHINGTON	WA	R01AI106397	HIV-1 capsid assembly intermediates: cellular factors and links to pathogenesis	\$408,509
2013	UNIVERSITY OF WASHINGTON	WA	F32AI104240	Pro-resolving lipid mediators in mycobacterial infection	\$49,214
2013	UNIVERSITY OF WASHINGTON	WA	K08AI102971	TOLLIP and Tuberculosis Immunopathogenesis	\$177,123
2013	UNIVERSITY OF WASHINGTON	WA	T32AI106677	Basic Training at the Intersection of Innate and Adaptive Immunity in Disease	\$188,826
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$824,566
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI103981	CHARACTERIZATION OF HIV-1 ANTIBODY RESPONSES IN CHRONICALLY INFECTED WOMEN	\$735,297
2013	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$388,294
2013	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$635,513
2013	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$424,029

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2013	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$475,571
2013	UNIVERSITY OF WASHINGTON	WA	R01AI084803	DESIGN AND FUNCTION OF FLAGELLIN-BASED IMMUNOGENS FOR BROADLY NEUTRALIZING IMMUNI	\$476,264
2013	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$339,615
2013	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$1,074,963
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$458,229
2013	UNIVERSITY OF WASHINGTON	WA	R21AI097702	RECOMBINATION IN A MINIMAL ORGANISM	\$181,538
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$480,707
2013	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	\$366,285
2013	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$440,000
2013	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	\$524,191
2013	UNIVERSITY OF WASHINGTON	WA	R01AI096968	PrEP and protective immune responses against HIV-1	\$636,730
2013	PHARMAIN CORPORATION	WA	R43AI098137	VASOACTIVE INTESTINAL PEPTIDE FOR THE TREATMENT OF PSORIASIS	\$145,203
2013	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI101488	Vaccine induction of cytotoxic CD4+ T cells	\$225,300
2013	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$2,089,212
2013	UNIVERSITY OF WASHINGTON	WA	R01AI101084	Silencing and Counter-Silencing of Salmonella Virulence Genes	\$363,075
2013	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI103858	Base J and transcription termination in Leishmania	\$557,335
2013	TRIA BIOSCIENCE CORPORATION	WA	R43AI104178	Vaccine Adjuvant for Rapid Tolerance Induction in Allergy Patients	\$298,747
2013	WASHINGTON STATE UNIVERSITY	WA	R21AI101230	MUTATIONAL ANALYSIS OF THE VLP/VSP ANTIGENIC VARIATION SYSTEM OF THE RELAPSING FE	\$171,037
2013	UNIVERSITY OF WASHINGTON	WA	R01AI104002	Innate Immune Control of West Nile Virus	\$713,273
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$633,228
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$520,044
2013	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI093008	FOCIS Educational Courses: Basic Immunology in Medicine Update, Interventional Im	\$12,000
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	\$426,003
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098485	Lentiviral Resistance to Tetherin	\$230,205

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2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI104317	Mechanisms and Environmental Determinants of Rhinovirus Illness Severity	\$1,479,483
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI097619	ENTEROCOCCUS NICHE FORMATION IN THE GI TRACT	\$179,775
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI103790	Bioactivity of NLP peptides of Ascaris suum	\$169,242
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI100156	Primate Placental MHC Immunogenetics	\$205,738
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$334,653
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI081692	Intrinsic Resistance to antimicrobials in Enterococcus faecalis	\$353,628
2013	LUCIGEN CORP	WI	R21AI100182	Rapid Field Appropriate Diagnostics for Select Biodefense and Emerging Pathogens	\$213,142
2013	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$20,000
2013	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$359,011
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI093935	ANALYSIS OF HUMAN NKT CELLS IN GVHD IN VIVO	\$188,125
2013	CDI BIOSCIENCE INC	WI	R01AI093354	HIGH-EXPRESSION, RAPID PRODUCTION OF INFLUENZA VACCINES IN CELL-BASED SYSTEMS	\$346,684
2013	MINITUBE OF AMERICA	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	\$1,000,000
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$397,864
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105847	Immune evasion in a humanized mouse model of HHV-6 infection	\$219,329
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI104922	Type III effector-cofactor dynamics within the cellular environment	\$359,550
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI097884	GENETIC TOOLS FOR MANIPULATION OF MOSQUITOES	\$172,602
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI107305	Development of lisinopril for post-exposure mitigation of late effects from a rad	\$529,824
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI102893	Molecular mechanisms of signaling co-ordination in innate lymphocytes	\$372,108
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI104928	The roles of acidic autophagosomes in production of infectious poliovirus	\$359,550
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$342,031
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells for Tolerance to Kidney Transplants	\$2,570,030
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$1

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2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$256,118
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080598	MOLECULAR MECHANISMS FOR THE HIGH PATHOGENICITY OF 1918 INFLUENZA VIRUS	\$602,426
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$373,106
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal Th17 cells	\$413,927
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI104697	Analysis of Toxoplasma sexual development in polarized cat intestinal cells	\$75,250
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI101976	PROGRAMMING OF PROTECTIVE CD8 T-CELL MEMORY BY LIVE AND ADJUVANTED SUBUNIT VACCIN	\$173,040
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI099661	M.tuberculosis-induced Alternative Processing of IL12RB1 mRNA	\$229,500
2013	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R56AI106672	MECHANISMS OF REGULATORY B CELL FUNCTION	\$392,450
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$312,588
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$277,933
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$334,881
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$342,757
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$603,743
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI084787	DEFINING THE IMPORTANCE OF CD8+ T CELL BREADTH IN SIV/HIV PROTECTIVE IMMUNITY	\$496,691
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080675	Retinoblastoma (Rb) protein pathway in human cytomegalovirus infected cells	\$334,653
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$363,995
2013	BIOSENTINEL LLC	WI	R44AI081531	A CELL-BASED ASSAY FOR BOTULINUM NEUROTOXIN DETECTION AND DEVELOPMENT	\$345,570
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI093115	FRANCISELLA INFECTION IN TICKS	\$191,250
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$408,539
2013	INTERNATIONAL EOSINOPHIL SOCIETY INC	WI	R13AI106160	8TH BIENNIAL SYMPOSIUM OF THE INTERNATIONAL EOSINOPHIL SOCIETY, INC.	\$22,500
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$454,810
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	\$359,550

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2013	LUCIGEN CORP	WI	R44AI081467	Point of Care Detection of Respiratory Viruses	\$860,797
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI103225	STRUCTURAL AND ENERGETIC ORIGINS OF METAMORPHIC PROTEIN FOLDING	\$352,675
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$359,550
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI078713	DISSECTION OF CELLULAR INTERACTIONS IN T1DM WITH INTEGRATED FUNCTIONAL GENOMICS	\$348,831
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$359,630
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$356,813
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI089370	Pathogenesis of Cryptococcus Spores	\$331,042
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$323,595
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$691,569
2013	LUCIGEN CORP	WI	R44AI085840	Random Shear Shuttle BAC Libraries for Antimicrobial Discovery from Soil Metageno	\$1,000,000
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F32AI092977	CM F32 12-08-10 RESUBMISSION	\$57,734
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI101157	Co-Delivery of Antifungal Agents: Toxicity and Efficacy in Invasive Candidiasis	\$353,675
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI099231	Mechanisms of Enhanced Arbovirus Infection by Mosquito Saliva	\$353,675
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$403,305
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$344,181
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI101313	THERAPEUTIC DELIVERY PLATFORMS AGAINST BOTULISM	\$224,764
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI097597	FRANCISELLA - ATII INTERACTIONS IN RESPIRATORY TULAREMIA	\$215,730
2013	SOCIETY FOR MUCOSAL IMMUNOLOGY INC	WI	R13AI108231	16TH INTERNATIONAL CONGRESS OF MUCOSAL IMMUNOLOGY (ICMI 2013)	\$5,000
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI104147	Phosphoinositides in the T. brucei Endomembrane System	\$52,190
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI103037	Neutrophil Subsets in Post-Viral Asthma	\$133,917
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$273,500
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$533,948
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	\$341,236

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2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI072023	CYTOKINES IN T REGULATORY CELL FUNCTION	\$134,325
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI093509	Cell-Binding Adhesins of <i>Leptospira interrogans</i>	\$229,500
2013	STRATATECH CORPORATION	WI	R44AI090778	DEVELOPMENT OF AN ANTIMICROBIAL CELLULAR THERAPEUTIC FOR INHIBITION OF BIOFILM FO	\$978,425
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI105816	Tracking anti-fungal CD4+ T cells in vivo	\$188,125
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI106772	Modeling Host Responses to Understand Severe Human Virus Infections	\$4,107,674
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI105472	Natural products as antifilarial asparaginyl-tRNA synthetase inhibitors	\$218,421
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$353,675
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	<i>Vibrio fischeri</i> as a model of Bacterial Colonization	\$437,722
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$318,265
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074940	ANALYSIS OF HUMAN NKT CELL AUTO-ANTIGENS	\$337,592
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	\$44,322
2013	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI099539	CELL SEPARATION IN NEISSERIA GONORRHOEAE	\$225,750
2013	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI101560	ROLE OF FHL-MEDIATED FORMATE METABOLISM IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$174,033
2013	WEST LIBERTY STATE COLLEGE	WV	K22AI087703	FRANCISELLA TULARENSIS INVASION OF HUMAN ERYTHROCYTES	\$106,183
2012	UNIVERSITY OF GHANA		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$0
2012	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$0
2012	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2012	UNIVERSITY OF BRITISH COLUMBIA		F32AI085761	METABOLIC ADAPTATION OF CITROBACTER DURING PATHOGENIC COLONIZATION OF THE GUT	\$0
2012	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$0
2012	CIVIL ASSOCIATION OF THE AMAZON JUNGLE		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$0
2012	FOUNDATION FOR RESEARCH DEVELOPMENT		P50AI098507	Modeling Drug Induced Resistance in <i>S. mansoni</i> Endemic Areas	\$0
2012	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$0
2012	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$0
2012	UNIVERSITY OF CAPE TOWN		UM1AI069519	Cape Town Clinical Trials Unit (CT-CTU) for HIV/AIDS Prevention & Treatment	\$0
2012	UKZN INNOVATION (PTY) LTD		UM1AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$0
2012	UNIVERSITY OF THE WITWATERSRAND		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$0
2012	UNIVERSITY OF KWAZULU-NATAL		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$0
2012	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$0
2012	NATIONAL AIDS RESEARCH INSTITUTE		UM1AI069417	National AIDS Research Institute (NARI), Pune, INDIA: Clinical Trials Unit	\$0
2012	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$0
2012	CENTRE DE RECERCA EN SALUTINTERNACIONAL DE BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$0
2012	UNIVERSITY OF THE WITWATERSRAND		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$0
2012	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$0
2012	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$0
2012	UNIVERSITY OF KWAZULU-NATAL		UM1AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$307,528
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$0
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$319,078
2012	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$0
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$0
2012	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R21AI094508	THERMOSTABLE VAGINAL PROBIOTIC MICROBICIDE	\$0
2012	ARIDIS PHARMACEUTICALS LLC	CA	R42AI072866	HUMAN MONOCLONAL ANTIBODY TO TREAT P. AERUGINOSA INFECTIONS IN CYSTIC FIBROSIS	\$19,998
2012	TRELLIS BIOSCIENCE LLC	CA	R44AI102396	Therapeutic Antibodies for CMV	\$0

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2012	UNIVERSITY OF CALIFORNIA	CA	R56AI049342	PREVENTION OF PRIMARY HCMV INFECTION BY VACCINATING AGAINST HCMV-ENCODED IL-10	\$0
2012	STANFORD UNIVERSITY	CA	F31AI094869	IMMUNOMODULATORY ROLES OF AMYLOID-BETA AND AMYLOID PRECURSOR PROTEIN IN CNS AUTOI	-\$13,564
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI101057	Guide RNA Binding Complex	-\$200,646
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI097695	Innate Immune Responses in Populations with Differing Susceptibility to Malaria	-\$222,125
2012	CEDARS-SINAI MEDICAL CENTER	CA	R01AI052201	Innate Immune Mechanisms in Non-infectious Lung Inflammation	\$88,550
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	-\$18,008
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$374,250
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$292
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$0
2012	NESHER TECHNOLOGIES INC	CA	R43AI094980	FAST ACCURATE ULTRASENSITIVE IN VITRO ASSAY TO DETERMINE BONT POTENCY & STABILITY	\$0
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI101423	THE ROLE OF TRAIL IN IMMUNE CONTROL OF CYTOMEGALOVIRUS	\$0
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI093828	Biogenesis and Function of Guide RNAs	-\$41,641
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	-\$237,377
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI100291	Novel Mechanisms of Beta-lactam Resistance in Staph Aureus	\$0
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI104434	STRUCTURAL BASIS OF ANTIBODY-MEDIATED NEUTRALIZATION OF HIV	-\$409,999
2012	STANFORD UNIVERSITY	CA	R56AI091798	USE OF ARTIFICIAL MICRO-RNA CLUSTERS TO TREAT HEPATITS C VIRUS INFECTION	\$360,149
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI101189	PRE-EXPOSURE PROPHYLAXIS AGAINST FRANCISELLA TULARENSIS	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$0
2012	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$0

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2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$0
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI097662	CHARACTERIZING INFLAMMATION AND DOWNSTREAM EFFECTS DURING CHRONIC VIRAL INFECTION	\$0
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	-\$125,228
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R34AI098633	PLANNING GRANT FOR THE EFFICACY OF AURANOFIN FOR THE TREATMENT OF AMEBIASIS	-\$19,350
2012	PANORAMA RESEARCH, INC	CA	R43AI098320	HETERO-DIMERIZATION-ACTIVATED ANTIBODIES	\$0
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$188,387
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI087734	LIGHT_HVEM_BTLA axis in protective anti_viral immunity	\$0
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI102584	VIBRIO CHOLERAЕ C-DIGMP SIGNALING: MOTILE TO BIOFILM TRANSITION AND TRANSMISSION	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$0
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$0
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$0
2012	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$0
2012	CYTOBANK INC	CA	R43AI094929	Secure Web-Based Flow Cytometry in Clinical Use and Translational Research	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K22AI089969	Defining target specificity of oxadiazole 2-oxides in Ancylostoma ceylanicum	\$84,653
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R56AI099372	MECHANISMS MEDIATING HCMV GENOME MAINTENANCE DURING LATENCY	-\$168,751
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-Gladstone Center for AIDS Research	\$0
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$0
2012	NATIONAL JEWISH HEALTH	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$0

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2012	YALE UNIVERSITY	CT	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$81,618
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$0
2012	YALE UNIVERSITY	CT	R03AI090197	Anaplasma phagocytophilum induce Ixodes scapularis antifreeze glycoprotein gene e	-\$45,590
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI029735	RPOS REGULATION OF BORRELIA BURGDORFERI GENES IN VIVO	\$0
2012	YALE UNIVERSITY	CT	R21AI097695	Innate Immune Responses in Populations with Differing Susceptibility to Malaria	\$222,125
2012	YALE UNIVERSITY	CT	R03AI092156	Human pathogenic bacterium induces actin phosphorylation to selectively regulate	-\$47,778
2012	L2DIAGNOSTICS, LLC	CT	R43AI096598	DIAGNOSTIC ASSAYS FOR EARLY LYME BORRELIOSIS USING IN-VIVO EXPRESSED ANTIGENS	\$0
2012	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$0
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$183,244
2012	YALE UNIVERSITY	CT	F32AI094905	CYTOSKELETAL CONTROL OF LEISHMANIA INFECTION	-\$17,194
2012	YALE UNIVERSITY	CT	K22AI089969	Defining target specificity of oxadiazole 2-oxides in Ancylostoma ceylanicum	-\$85,984
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$0
2012	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$72,362
2012	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$0
2012	CHILDREN'S RESEARCH INSTITUTE	DC	R33AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$0
2012	AMERICAN UNIVERSITY	DC	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	\$129,924
2012	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R21AI101417	FACTORS ASSOCIATED WITH PERSISTENT ANAL HUMAN PAPILLOMAVIRUS INFECTION AMONG MEN	-\$294,875
2012	UNIVERSITY OF FLORIDA	FL	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$183,824
2012	UNIVERSITY OF FLORIDA	FL	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$277,196
2012	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$0
2012	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$0
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI100246	DEVELOPMENT OF POINT-OF-CARE DIAGNOSTICS FOR NOROVIRUS	-\$1,181
2012	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$0

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2012	EMORY UNIVERSITY	GA	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$550,929
2012	EMORY UNIVERSITY	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	-\$145,004
2012	EMORY UNIVERSITY	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	-\$143,371
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$143,371
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$145,004
2012	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$0
2012	EMORY UNIVERSITY	GA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	\$108,286
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI099058	MAP3K8-MEDIATED REGULATION OF ADAPTIVE IMMUNE RESPONSES AND AUTOIMMUNITY	\$0
2012	UNIVERSITY OF IOWA	IA	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$339,750
2012	UNIVERSITY OF CHICAGO	IL	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	-\$60,454
2012	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R21AI094584	CERVICAL/VAGINAL MUCUS AND MICROBICIDES	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R56AI101378	DLL4 REGULATION OF T CELL MIGRATION IN EAE	\$0
2012	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$0
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	F31AI081515	THE ROLE OF SIGNAL TRANSDUCTION CASCADES IN MEDIATING PAPILLOMAVIRUS INFECTION.	-\$20,460
2012	UNIVERSITY OF CHICAGO	IL	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R56AI079056	THE ROLES OF SIRT1, A DEACETYLASE, IN IMMUNE TOLERANCE AND AUTOIMMUNITY	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$0
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$245,059
2012	UNIVERSITY OF CHICAGO	IL	R01AI090901	Cbl-b in T Cell Activation and Autoimmunity	-\$217,820
2012	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$0
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$0
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI093913	BACTERIAL EFFECTOR INHIBITION OF TYPE I INTERFERON	-\$158,452

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2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI093913	BACTERIAL EFFECTOR INHIBITION OF TYPE I INTERFERON	\$158,452
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R56AI099002	BACTERIAL EFFECTORS TARGETING THE IKK/NF-KB PATHWAY	\$375,000
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI092266	REVERSE VACCINOLOGY OF ENTEROTOXIGENIC E. COLI	-\$188,750
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI092266	REVERSE VACCINOLOGY OF ENTEROTOXIGENIC E. COLI	\$187,500
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI099002	BACTERIAL EFFECTORS TARGETING THE IKK/NF-KB PATHWAY	-\$375,460
2012	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	-\$1,714
2012	VINDICO NANOBIO TECHNOLOGY INC	KY	R43AI096605	A transfollicular nanovaccine against leishmaniasis	\$0
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI090048	Novel aminoglycoside adjuvants and stand-alone agents to combat tuberculosis	\$83,153
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$0
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	-\$323,434
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI091953	Viral and Cellular Determinants of HCV Assembly	-\$311,727
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI097024	ROLE OF THE LIVER IN MICROBIAL TRANSLOCATION AND AIDS PATHOGENESIS	\$0
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	-\$269,800
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$188,381
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	-\$106,156
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$380,794
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R03AI092442	IDENTIFYING NOVEL SMALL MOLECULES FOR IMPROVED ANTIFUNGAL DRUG TREATMENT	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$146,652
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI063928	GAMMA-2 HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039246	Complement system and humoral immunity	\$325,232
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	-\$429,597
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	-\$383,979

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2012	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI077801	VITAMIN D DEFICIENCY AND THE SEVERITY OF BRONCHIOLITIS	\$0
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI089698	A METHOD FOR THE DESIGN OF LOW-COST PAPER-BASED POINT-OF-CARE DIAGNOSTIC DEVICES	-\$42,991
2012	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	-\$23,605
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI101366	THE ROLE OF NOVEL IL-1 LIKE CYTOKINES IN ASTHMA	-\$73,797
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Immune Responses to Vibrio cholerae infection and vaccination in Haiti	-\$3,921
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$0
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	-\$188,387
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$0
2012	TRUSTEES OF AMHERST COLLEGE	MA	R15AI101941	Determining function of flagellar regulatory protein IC138 in trypanosomes.	-\$287,090
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	-\$302,667
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI080779	Modulation of innate immune cells to create transplant tolerance	-\$65,858
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$0
2012	BOSTON UNIVERSITY	MA	R01AI101057	Guide RNA Binding Complex	\$213,979
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI102634	DYNAMIC STRATEGIES FOR THE CLINICAL MANAGEMENT OF HIV DISEASE	\$0
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI064285	MANIPULATION OF EPITHELIAL CELLS BY SHIGELLA	\$0
2012	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$0
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	-\$344,999
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI100766	The effect of type I IFN and IL-12 signaling on T cell immunity to tuberculosis	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087874	MOLECULAR ANALYSIS OF A KINASE ESSENTIAL FOR REPLICATION OF PLASMODIUM FALCIPARUM	\$0
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	\$401,247
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$281,027
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI101175	AUTOIMMUNITY TO ECGF IN LYME DISEASE AND ITS POST-INFECTIOUS SYNDROMES	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	-\$814,929
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$0
2012	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	-\$45,964
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	-\$423,464
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	-\$444,219
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	-\$294,909
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	-\$280,288
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$469,944
2012	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	-\$202,655
2012	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$0
2012	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2012	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$0
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	-\$219,544
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$214,640
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	-\$167,228
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$0
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$23,605
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$0
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	-\$183,244
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	-\$81,618
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI099027	MECHANISMS OF FAS LIGAND CONTROL OF INSULITIS INITIATION IN AUTOIMMUNE DIABETES	\$0
2012	UNIVERSITY OF MARYLAND	MD	R56AI097228	MONOCYTE SUBSETS AND HOST DEFENSE	\$0

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2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI044033	MOLECULAR GENETIC ANALYSIS OF CHLAMYDIA PATHOGENICITY	\$0
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	\$268,887
2012	JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE	MD	UM1AI068632	LOC-IMPAACT Leadership Group	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	K22AI092150	ESTIMATION OF INTERVENTION EFFECTS IN INFLUENZA OUTBREAKS	\$0
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI101055	EXACERBATION OF PERTUSSIS AIRWAY INFLAMMATION AND PATHOLOGY BY PERTUSSIS TOXIN	\$0
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$98,776
2012	JOHNS HOPKINS UNIVERSITY	MD	R33AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$0
2012	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$0
2012	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$0
2012	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$0
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	\$372,270
2012	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$232,976
2012	UNIVERSITY OF MARYLAND	MD	F32AI085706	Spatial Control of Host Cell Signaling by a Bacterial Pathogen	-\$12,965
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	-\$9,414
2012	JOHNS HOPKINS UNIVERSITY	MD	R33AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGE	\$16,000
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$192,185
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI072265	TARGETING SIGLEC-8/-F TO TREAT EOSINOPHIL AND MAST CELL RELATED DISORDERS	\$0
2012	UNIVERSITY OF MICHIGAN	MI	R21AI092024	MECHANISM OF SPORE GERMINATION	\$0
2012	UNIVERSITY OF MICHIGAN	MI	R01AI090048	Novel aminoglycoside adjuvants and stand-alone agents to combat tuberculosis	-\$111,000
2012	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$0
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$0
2012	UNIVERSITY OF MICHIGAN	MI	R21AI090194	ROLE OF YERSINIA PESTIS AIL IN YOP DELIVERY AND PLAGUE	\$0

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2012	UNIVERSITY OF MICHIGAN	MI	R03AI092318	EVALUATION OF AIL AS A PROTECTIVE IMMUNOGEN FOR PLAGUE	\$0
2012	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$0
2012	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	-\$65,000
2012	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCs IN MODULATING DONOR NATURAL TREGs MEDIATED SUPPRESSION OF GVHD	\$0
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	-\$168,415
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	-\$228,274
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI094676	Internet-based HIV Prevention for MSM in India	-\$109,769
2012	MAYO CLINIC	MN	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$60,454
2012	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$0
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$0
2012	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$0
2012	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$0
2012	WASHINGTON UNIVERSITY	MO	K99AI099156	ROLE OF CHAPERONES IN MAINTAINING THE ASPARAGINE REPEAT-RICH PROTEOME OF P. FALCI	-\$53,062
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$0
2012	MONTANA STATE UNIVERSITY	MT	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	-\$284,573
2012	MONTANA STATE UNIVERSITY	MT	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	-\$183,825
2012	MONTANA STATE UNIVERSITY	MT	K22AI091647	DEFINING THE ROLE OF MAST CELLS DURING INFLUENZA A VIRUS INFECTION	\$0
2012	DUKE UNIVERSITY	NC	R01AI052201	Innate Immune Mechanisms in Non-infectious Lung Inflammation	-\$88,550
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$0
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	\$0
2012	ADVANCED LIQUID LOGIC INC	NC	R44AI065169	NANODROPLET PCR LAB-CHIP FOR CLINICAL PATHOGEN DETECTION	\$0
2012	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	\$0

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2012	DARTMOUTH COLLEGE	NH	R56AI098282	GALT MEDIATED PROTECTION AGAINST CNS DEMYELINATION: ROLE OF COMMENSAL BACTERIA	\$0
2012	DARTMOUTH COLLEGE	NH	R56AI069943	T CELL FUNCTION IN MURINE GAMMAHERPESVIRUS INFECTION	\$0
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$131,563
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095055	VITAMIN D AND THE IMMUNE SYSTEM	-\$3,009
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094555	DEVELOPMENT OF AN HIV-1 ENTRY INHIBITOR PRE-DRUG AS A MICROBICIDE	-\$31,144
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094167	IDENTIFICATION OF THE TARGET OF A COMPOUND THAT INHIBITS PLASMODIUM SPOROZOITES	\$0
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	-\$93,955
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095055	VITAMIN D AND THE IMMUNE SYSTEM	\$3,067
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	-\$180,055
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	-\$73,242
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$115,872
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	\$162,544
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$224,667
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$73,242
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	-\$115,872
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	-\$129,081
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	-\$162,544
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	\$99,868
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	\$26,814
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	-\$224,667
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$93,955
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	-\$97,984

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2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	-\$26,814
2012	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI094555	DEVELOPMENT OF AN HIV-1 ENTRY INHIBITOR PRE-DRUG AS A MICROBICIDE	\$31,144
2012	NEW MEXICO STATE UNIVERSITY	NM	R21AI092041	A NEW SYNERGY FOR FLAVIVIRUS THERAPY: RNAI ENHANCEMENT AND VIRAL MUTAGENS	\$0
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$0
2012	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$0
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$0
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$54,785
2012	UNIVERSITY OF ROCHESTER	NY	F32AI089079	Defining modes of helper T cell motility within inflamed tissues	-\$25,003
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI072204	CERVICAL, ANAL & ORAL HPV PERSISTENCE/ADOLESCENT GIRLS	\$0
2012	ROCKEFELLER UNIVERSITY	NY	R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$0
2012	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$0
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$0
2012	PROGENICS PHARMACEUTICALS, INC	NY	R01AI094424	PA-50/PA-41 ANTITOXIN ANTIBODY THERAPY FOR C. DIFFICILE INFECTION	\$0
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$0
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$0
2012	ROCKEFELLER UNIVERSITY	NY	R01AI060561	Immune complexes: Origins and effects in HCV infection	\$0
2012	SIENA COLLEGE	NY	R15AI101941	Determining function of flagellar regulatory protein IC138 in trypanosomes.	\$274,616
2012	BIOPEPTIDES INC	NY	R43AI096551	LAB ON A CHIP POINT OF CARE ASSAY FOR THE RAPID SERODIAGNOSIS OF LYME DISEASE	\$0
2012	UNIVERSITY OF ROCHESTER	NY	R21AI094511	THE SEMEN ENHANCER OF HIV INFECTION AS A NOVEL MICROBICIDE TARGET	\$0
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$0
2012	ROCKEFELLER UNIVERSITY	NY	R21AI093216	NEW HIV/AIDS VACCINES EMPLOYING INFLAMMATORY DENDRITIC CELLS	\$0
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	-\$98,776
2012	AVATAR MEDICAL LLC	NY	R43AI091507	CONFORMATIONAL STABILIZATION OF THE HIV -1 ENV TRIMER	\$5,992

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2012	SUNY, BUFFALO	NY	R21AI091921	The Lysosome of Trypanosoma brucei: A Proteomic Analysis	\$54,444
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	-\$589,300
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI091867	TRANSPLANT ASSOCIATED AUTOIMMUNITY CONTRIBUTES TO ALLOGRAFT DAMAGE	-\$99,101
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	F32AI100473	POP2 REGULATION OF NF-KB -DEPENDENT INFLAMMATORY RESPONSES	-\$10,879
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI031971	MOLECULAR BASIS FOR PARAMYXOVIRUS ENTRY	\$0
2012	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$0
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$14,216
2012	SUNY, BUFFALO	NY	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$226,691
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	-\$53,959
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$104,146
2012	COLUMBIA UNIVERSITY	NY	R21AI096088	PROBING THE INNATE RESPONSE TO 3', 5'-CYCLIC DIGUANYLATE (C-DIGMP)	\$0
2012	OHIO STATE UNIVERSITY	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$0
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI080596	MOLECULAR MECHANISMS OF C.ALBICANS - LEUKOCYTE INTEGRIN INTERACTIONS	\$0
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI092299	REAL-TIME MEASUREMENT OF SELF-ANTIGEN RECOGNITION BY LYMPHOCYTES IN VIVO	\$0
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI047249	IMMUNE REGULATION OF VIRAL RECRUDESCENCE	\$0
2012	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$0
2012	OHIO STATE UNIVERSITY	OH	R01AI090901	Cbl-b in T Cell Activation and Autoimmunity	\$163,446
2012	IMMUNO-MYCOLOGICS INC	OK	R43AI102377	ANTIGEN IMMUNOASSAY FOR DIAGNOSIS OF COCCIDIOIDOMYCOSIS	\$0
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$0
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI094514	DESIGNING OPTIMAL MICROBICIDE DELIVERY INTEGRATING RHEOLOGY AND ACCEPTABILITY	\$0
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$368,956
2012	WISTAR INSTITUTE	PA	K99AI099153	REGULATION OF EBV LATENCY BY CHROMOSOME CONFORMATION	\$0
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI091798	USE OF ARTIFICIAL MICRO-RNA CLUSTERS TO TREAT HEPATITS C VIRUS INFECTION	-\$384,235

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2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$0
2012	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$0
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$0
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	-\$373,779
2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	-\$27,610
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI078812	EFFECT OF CELLULAR MICRORNAS ON HIV-1 REPLICATION	\$0
2012	ORASURE TECHNOLOGIES INC	PA	R44AI096758	DEVELOPMENT OF A RAPID SCREENING POINT-OF-CARE TEST FOR HIV, HCV AND HBV	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI093930	PREDICTIVE BIOSIGNATURES FOR COMPLICATED NOVEL H1N1 INFLUENZA	\$0
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$0
2012	POLYMEDIX INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	\$0
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	-\$374,602
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100438	METABOLIC REGULATION OF CD8 T CELL EXHAUSTION	-\$52,190
2012	UNIVERSITY OF PENNSYLVANIA	PA	R56AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	-\$547,601
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI092007	Peptide effectors of virulence factor production in Vibrio cholerae	\$0
2012	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR Mediated Trophoblast Injury and Poor Pregnancy Outcomes in S. japonica	\$0
2012	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$0
2012	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$0
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$593,180

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$0
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$285,000
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$45,964
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$0
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTRAX TOXIN	\$0
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	-\$373,619
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$600,433
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$0
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI101417	FACTORS ASSOCIATED WITH PERSISTENT ANAL HUMAN PAPILLOMAVIRUS INFECTION AMONG MEN	\$300,961
2012	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$0
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$188,828
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$274,775
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$168,415
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$0
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$0
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$0
2012	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI079236	Mechanisms of Beta-blocker Induced Improvements in Asthma	\$0
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$0
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI094676	Internet-based HIV Prevention for MSM in India	\$100,694
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	-\$661,793
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI059048	VIRULENCE DETERMINANTS OF BORRELIA BURGDORFERI	\$0
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPJ	\$0
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	-\$274,775

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2012	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R56AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$247,313
2012	UNIVERSITY OF UTAH	UT	R56AI076168	D-peptide Inhibitors of HIV-1 Entry	\$0
2012	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$0
2012	UNIVERSITY OF UTAH	UT	R21AI092231	INNOVATIVE ASSAY DEVELOPMENT FOR THE DIAGNOSIS OF INVASIVE ASPERGILLOSIS	\$0
2012	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$0
2012	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$0
2012	GEORGE MASON UNIVERSITY	VA	R01AI081568	REGULATION OF COFILIN IN HIV-1 INFECTION OF HUMAN CD4 T CELLS	\$0
2012	UNIVERSITY OF VIRGINIA	VA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	-\$108,286
2012	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$0
2012	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R03AI092156	Human pathogenic bacterium induces actin phosphorylation to selectively regulate	\$44,170
2012	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	R03AI090197	Anaplasma phagocytophilum induce Ixodes scapularis antifreeze glycoprotein gene e	\$42,147
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI072683	THE ROLES OF ANAPLASMA PHAGOCYTOPHILUM SURFACE PROTEINS IN CELLULAR INVASION	\$0
2012	UNIVERSITY OF VERMONT	VT	R56AI094027	IL-6: AN INNATE IMMUNE REGULATOR FOR THE PLASTICITY OF TFH CELLS	\$0
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$0
2012	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	-\$3,004
2012	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$0
2012	UNIVERSITY OF WASHINGTON	WA	R21AI098497	SEROADAPTIVE BEHAVIORS AMONG MSM TO PREVENT HIV/STD	\$0
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$0
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$0
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$23,091
2012	UNIVERSITY OF WASHINGTON	WA	U01AI082186	Accelerated molecular probe pipeline	\$581,394
2012	UNIVERSITY OF WASHINGTON	WA	R21AI094412	NANOPARTICLE MICROBICIDES FOR DELIVERY OF COMBINATION ANTIRETROVIRAL DRUGS	\$0
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	-\$581,394
2012	UNIVERSITY OF WASHINGTON	WA	F32AI100384	HEPATITIS C VIRUS GENETIC DIVERSITY AND MODULATION OF INNATE IMMUNITY	-\$11,281

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2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI093418	Point-of-care concentration and detection of pathogen antigens in samples	-\$476,404
2012	IASIS MOLECULAR SCIENCES LLC	WA	R43AI098214	Treatment of Wound Infection with Novel Uncharged Silver Carbene Complexes	\$1,631
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI101611	BRUCELLA TIR PROTEIN RECRUITS A UBIQUITIN LIGASE TO TLR ADAPTOR PROTEIN TIRAP	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	-\$211,999
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI091921	The Lysosome of Trypanosoma brucei: A Proteomic Analysis	-\$56,823
2012	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI069274	Transmissibility of avian influenza viruses in mammals	\$0
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$35,625
2011	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2011	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$0
2011	UNIVERSITY OF BRITISH COLUMBIA		F32AI085761	METABOLIC ADAPTATION OF CITROBACTER DURING PATHOGENIC COLONIZATION OF THE GUT	\$0
2011	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074438	DYSREGULATION OF IGA RESPONSES IN HIV-1-INFECTED INDIVIDUALS	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$0
2011	UNIVERSITY OF SOUTH ALABAMA	AL	R56AI091783	ANALYSIS OF A BURKHOLDERIA MALLEI VIRULENCE-ASSOCIATED TYPE VI SECRETION SYSTEM	\$0
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI067857	REGULATION OF STAPHYLOCOCCUS AUREUS BIOFILM BY RBF	\$0
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI069087	DETECTION, DIAGNOSIS AND TREATMENT OF MUSCULOSKELETAL INFECTION	\$0
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI093126	A NANOTHERAPEUTIC APPROACH TO COMBAT STAPHYLOCOCCAL BIOFILM-ASSOCIATED INFECTION	\$0
2011	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	U01AI075565	SENSOR TECHNOLOGY FOR RAPID MICROBIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING	\$0

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2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI081901	TOWARDS A STRUCTURAL SYSTEMS BIOLOGY APPROACH FOR ANTI-TRYPANOSOMAL THERAPEUTICS	\$0
2011	AVIDBIOTICS CORPORATION	CA	R43AI088863	CREATE, EVALUATE AND DEVELOP PRE-CLINICALLY AN ENGINEERED R-TYPE PYOCIN TO SPECIF	\$0
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI074022	A NOVEL COMPUTATIONAL MODEL OF B CELL SIGNALING AND ACTIVATION	\$0
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI052065	HCV AND HIV PROGRESSION IN WOMEN ON HAART	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036178	GENETIC DIVERSITY AS A DETERMINANT OF VIRAL PATHOGENESIS AND ATTENUATION	\$0
2011	STANFORD UNIVERSITY	CA	R01AI008619	ANTIMICROBIAL RESISTANCE IN BACTERIA	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$0
2011	PROTEUS DIGITAL HEALTH INC	CA	R43AI093318	A NOVEL EDIBLE SENSOR SYSTEM TO CHARACTERIZE ANTIRETROVIRAL THERAPY ADHERENCE	\$0
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R56AI091573	ROLE OF GUT ASSOCIATED LYMPHOID TISSUE IN HIV PERSISTENCE	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$0
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$0
2011	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI080035	FORMULATION OF AMBIENT TEMPERATURE AND HUMIDITY STABLE RABIES VACCINES	\$0
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI065605	RISK FACTORS AND SUSCEPTIBILITY IN GONOCOCCAL INFECTION	\$0
2011	STANFORD UNIVERSITY	CA	R01AI037683	DONOR CELL FACILITATION OF TOLERANCE	\$0
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$0
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$0
2011	AVIDBIOTICS CORPORATION	CA	R43AI088979	TARGETED SOLUBLE MICA MOLECULES TO RECRUIT INNATE IMMUNITY CELLS TO KILL SPECIFIC	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	-\$270
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068685	THE DIVERSE CONTRIBUTION OF TLR PATHWAYS TO INTESTINAL HOMEOSTASIS	\$0
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI072492	PERSISTENT SYSTEMIC INFECTION OF MICE BY SALMONELLA ENTERICA	\$0
2011	NATIONAL JEWISH HEALTH	CO	P01AI022295	ANTIGEN RECOGNITION BY LYMPHOCYTES	\$0

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2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$0
2011	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$0
2011	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$0
2011	COLORADO STATE UNIVERSITY	CO	R01AI073255	HUMANIZED RAG2-/-GAMMAC-/-MICE FOR HIV INFECTION AND GENE THERAPY	\$0
2011	YALE UNIVERSITY	CT	F31AI081516	T B CELL HELPERS IN IMMUNITY & AUTOIMMUNITY:DEVELOPMENT MAINTENANCE AND MIGRATION	-\$1,800
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$0
2011	YALE UNIVERSITY	CT	R56AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$0
2011	ALBERT B SABIN VACCINE INSTITUTE	CT	R56AI090577	PRODUCT DEVELOPMENT OF A MEMBRANE TETRASPANIN VACCINE AGAINST SCHISTOSOMIASIS	\$0
2011	GEORGETOWN UNIVERSITY	DC	F31AI078714	ANALYSIS OF SENSE AND ANTISENSE TRANSCRIPTS DURING THE GIARDIA LAMBLIA LIFECYCLE	-\$4,700
2011	UNIVERSITY OF MIAMI	FL	R56AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	\$0
2011	UNIVERSITY OF MIAMI	FL	P01AI096396	MECHANISMS OF MUCOSAL PROTECTION BY HPV-SIV AND GP96-LG-SIV VACCINES	\$0
2011	Florida State University	FL	R01AI055461	HIV AND SIV ENVELOPE GLYCOPROTEINS	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI079578	RESISTANCE SUPPRESSION FOR P. AERUGINOSA USING NOVEL COMBINATION THERAPY MODELING	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI039126	FOAMY VIRUS VECTOR FOR IMMUNODEFICIENCY VIRUSES THERAPY	\$0
2011	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI079729	RESISTANCE SUPPRESSION FOR INFLUENZA VIRUS WITH COMBINATION CHEMOTHERAPY	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI073674	MECHANISM OF TRYPANOSOMA CRUZI'S TRANSSIALIDASE IN CHAGAS' DISEASE	\$0
2011	UNIVERSITY OF MIAMI	FL	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI047859	ANTIGENS OF THE RNA-INDUCED SILENCING COMPLEX IN AUTOIMMUNITY	\$0
2011	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$0
2011	EMORY UNIVERSITY	GA	R37AI028731	NONCARBOHYDRATE APPROACHES TO ANTI-AIDS NUCLEOSIDES	\$0

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2011	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$0
2011	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$0
2011	EMORY UNIVERSITY	GA	U01AI074635	MEMORY AND REGULATORY T CELLS FOLLOWING T CELL DEPLETION IN TRANSPLANTATION	\$0
2011	EMORY UNIVERSITY	GA	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$429,672
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$0
2011	EMORY UNIVERSITY	GA	R56AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$0
2011	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$0
2011	UNIVERSITY OF HAWAII	HI	R01AI071160	MALARIAL IMMUNITY IN PREGNANT CAMEROONIAN WOMEN	\$0
2011	UNIVERSITY OF IOWA	IA	R01AI045540	INTERACTIONS BETWEEN LEISHMANIA AND THE IMMUNE RESPONSE	\$0
2011	UNIVERSITY OF IOWA	IA	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	\$192,369
2011	NORTHWESTERN UNIVERSITY	IL	R56AI092136	REGULATION AND FUNCTIONS OF MAST CELL-DERIVED IL-33	\$0
2011	LOYOLA UNIVERSITY OF CHICAGO	IL	R56AI092128	ENTRY AND PATHOGENESIS OF CORONAVIRUSES	\$0
2011	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$0
2011	NORTHWESTERN UNIVERSITY	IL	R21AI088286	MECHANISM OF AZITHROMYCIN ACTIVITY IN PSEUDOMONAS INFECTIONS	\$0
2011	ITERATIVE THERAPEUTICS	IL	R43AI081465	NOVEL HER2 TARGETING IMMUNOTHERAPEUTICS FOR BREAST CANCER	\$0
2011	PURDUE UNIVERSITY	IN	R01AI065667	NON-REPLICATIVE VACCINE FOR HUMAN BRUCELLOSIS	\$0
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059384	HUMAN IMMUNE RESPONSE TO HAEMOPHILUS DUCREYI INFECTION	\$0
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI069387	MODELING LYMPHATIC FILARIASIS TRANSMISSION AND ERADICATION IN PAPUA NEW GUINEA	\$0
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$0
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI061691	NATURAL ANTIBODIES AND TISSUE INJURY	\$0
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI069321	MODULATION OF APOPTOSIS BY LEGIONELLA PNEUMOPHILA	\$0

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2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$0
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$0
2011	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$0
2011	BOSTON UNIVERSITY	MA	R03AI090404	GENERATION OF IL-33 DEFICIENT MICE	\$0
2011	BOSTON COLLEGE	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$0
2011	DANA-FARBER CANCER INSTITUTE	MA	U01AI074518	HUMAN MAB COCKTAILS TO PREVENT & TREAT H5N1 AVIAN INFLUENZA	\$0
2011	BETH ISRAEL HOSPITAL	MA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$0
2011	DANA-FARBER CANCER INSTITUTE	MA	R21AI087458	SMALL MOLECULE INHIBITORS OF HIV-1 VIF	\$0
2011	IMMUNETICS, INC	MA	R43AI091291	RAPID POINT OF-CARE TEST FOR LYME SERODIAGNOSIS BASED ON NOVEL ULTRA-SENSITIVE DE	\$0
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$0
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068871	LEUKOTRIENES AND LUNG INFLAMMATION	\$0
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	F32AI081483	ENTEROHEMORRHAGIC ESCHERICHIA COLI VIRULENCE REGULATION BY NON-CODING RNAS	-\$41,585
2011	BOSTON MEDICAL CENTER	MA	R21AI081687	RECOMBINATION-QUIESCENT GENES & PHYLOGENIC VALIDATION OF ENCODED VACCINE TARGETS	\$0
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI097052	MIGRATORY PROPERTIES OF HIV-INFECTED T CELLS IN VIVO	\$0
2011	BOSTON MEDICAL CENTER	MA	R56AI097117	TRANSCRIPTIONAL MECHANISMS THAT CONTRIBUTE TO HIV-1 LATENCY	\$0
2011	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$0
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI071306	MECHANISMS OF PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV VACCINES	\$0
2011	Charles Stark Draper Laboratory, Inc.	MA	R21AI085454	ANALYSIS OF EXHALED VOLATILES FOR THE DIAGNOSIS	\$0
2011	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$0
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$0
2011	DANA-FARBER CANCER INSTITUTE	MA	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	-\$510,102

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2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$0
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$0
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$0
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI091274	STUDY OF ASTHMA AND NASAL STEROIDS TRIAL-AN ANCILLARY MECHANISTIC STUDY	-\$2,358
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecuar Mechanisms of Immune Inflammatory Reactions	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$0
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI065529	REGULATORY NETWORKS OF HELICOBACTER PYLORI	\$0
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI090261	(POLY)GLYCEROLPHOSPHATE-BASED, CROSS-PROTECTIVE ANTI-STAPHYLOCOCCAL VACCINE	\$0
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI090144	MOLECULAR MECHANISMS OF SHIGA TOXIN ACTION IN THE MAMMAL CENTRAL NERVOUS SYSTEM	\$0
2011	UNIVERSITY OF MICHIGAN	MI	R01AI065543	PGE2 REGULATION OF HOST DEFENSE POST-BMT	\$0
2011	UNIVERSITY OF MICHIGAN	MI	R01AI073847	ASSEMBLY OF CURLI FIBERS BY ESCHERICHIA COLI	\$0
2011	UNIVERSITY OF MICHIGAN	MI	R01AI069383	COLONIZATION AND PATHOGENICITY DETERMINANTS OF C. JEJUNI	\$0
2011	MICHIGAN STATE UNIVERSITY	MI	R56AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$0
2011	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$0
2011	MAYO CLINIC	MN	R01AI074320	CAML IN T CELL DEVELOPMENT AND FUNCTION	\$0
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI087466	HIV-1 HOST CELL FACTORS: A SATURATION SCREEN FOR HUMAN CHROMOSOMES 4, 6, 21 AND X	\$0
2011	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$0
2011	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$0
2011	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	WASHINGTON UNIVERSITY	MO	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$0
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$0
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI075081	BORDETELLA BIOFILMS AND PATHOGENESIS	\$0
2011	DUKE UNIVERSITY	NC	K08AI082283	VENEZUELAN EQUINE ENCEPHALITIS IMMUNOLOGY AND VACCINE DESIGN	\$0
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI082129	TOLL-LIKE RECEPTORS AND HOST RESPONSE TO VIBRIO VULNIFICUS, AN EMERGING PATHOGEN	\$0
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$0
2011	NORTH CAROLINA CENTRAL UNIVERSITY	NC	R01AI038910	REGULATION OF CHEMOKINE MEDIATED LEUKOCYTE FUNCTIONS	\$0
2011	DARTMOUTH COLLEGE	NH	R21AI084089	THE TH17-IL-9 MAST CELL AXIS IN INFLAMMATORY DISEASE	\$0
2011	DARTMOUTH COLLEGE	NH	R01AI067405	MECHANISMS OF CHAPERONE-MEDIATED IMMUNE RESPONSES	\$0
2011	DARTMOUTH COLLEGE	NH	R33AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$0
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	-\$20,469
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	-\$7,901
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$20,469
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	-\$55,349
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI088765	Infectious Triggers in Chronic Fatigue Syndrome	\$0
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	\$7,901
2011	Rutgers, The State Univ Biomedical & Health Sciences	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	\$56,413
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051305	GENETIC BASIS OF SEVERE MALARIAL ANEMIA	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$0
2011	SUNY, STONY BROOK	NY	R01AI041636	ADENOVIRUS AS A VECTOR FOR GENE THERAPY	\$0
2011	SUNY, STONY BROOK	NY	R56AI095268	INHIBITION OF STAT3-MEDIATED AUTOIMMUNITY	\$0
2011	CORNELL UNIVERSITY	NY	F32AI081482	GENETICS OF MYCOBACTERIUM TUBERCULOSIS ADAPTATION TO THE MACROPHAGE PHAGOSOME	-\$28,375

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF ROCHESTER	NY	R21AI081070	NEUTROPHIL EXPRESSED CO-INHIBITORY MOLECULES PARTICIPATE IN POST-INJURY INFECTION	\$0
2011	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predocctoral Training Program in Immunology	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI071078	MODULATING IMMUNITY THROUGH DENDRITIC CELL PHAGOCYtic RECEPTORS	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI086072	STRUCTURAL STUDIES OF A TETRACYCLINE EFFLUX PUMP	-\$5,400
2011	CORNELL UNIVERSITY	NY	R01AI048678	ENDOCYTOSIS OF INFLUENZA VIRUSES	\$0
2011	SUNY, BUFFALO	NY	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI096946	EPITOPE-TARGETED VACCINE FOR HIV-1 PREVENTION	\$0
2011	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI065786	STABLE CARBOHYDRATE LIBRARIES IN INFECTIOUS DISEASE	\$0
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$0
2011	GLYCOBIA INC	NY	R43AI091336	THERAPEUTIC ANTIBODY FRAGMENTS FROM GLYCOENGINEERED ESCHERICHIA COLI	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI087973	ROLE AND PERTURBATION OF TH17 CELLS DURING HIV INFECTION	\$0
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI088792	LOCALIZATION AND ASSEMBLY OF THE M. TUBERCULOSIS ESX-1 SECRETORY APPARATUS	\$0
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI065773	ESTABLISHING THE MOLECULAR MECHANISMS OF BCR ENDOCYTOSIS	\$0
2011	BIOSCIENCE DEVELOPMENT, INC	NY	R44AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K99AI095320	ROLE OF PATTERN RECOGNITION RECEPTORS IN PROTECTION AGAINST INFLUENZA VIRUS	\$0
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$0
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$0
2011	OHIO STATE UNIVERSITY	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$0
2011	UNIVERSITY OF CINCINNATI	OH	R01AI064893	SHIGA TOXIN PRODUCTION AND ROLE IN PATHOGENESIS	\$0
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069195	RECURRENT TREATMENT: EFFECT ON RURAL AND URBAN S. MANSONI POPULATION STRUCTURE	\$0
2011	MIAMI UNIVERSITY	OH	R01AI070174	STUDY OF IRON ACQUISITION IN ACINETOBACTER BAUMANNII	\$0
2011	OHIO STATE UNIVERSITY	OH	R03AI090231	VISUALIZATION OF CXCR3 ALLELIC USAGE IN VIVO	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF CINCINNATI	OH	R56AI089775	GENDER-SPECIFIC ROLE OF AIM2 IN INFLAMMATION AND AUTOIMMUNITY	\$0
2011	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	\$0
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI073963	HOST GENETIC CONTRIBUTION TO HCV OUTCOMES	\$0
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$0
2011	VIROGENOMICS BIODEVELOPMENT INC	OR	R43AI082834	Development of a plant-grown subunit vaccine against respiratory syncytial virus	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R56AI095285	PATHOGENESIS OF MURINE CORONAVIRUS INDUCED HEPATITIS	\$0
2011	SONITU PHARMACEUTICALS LLC	PA	R43AI084287	Broad Spectrum Antidotes against Superantigen Toxins	\$0
2011	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI072083	INTERACTION OF MICROVESICLES AND BACTERIAL TOXINS WITH IMMUNE CELLS	\$0
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	R56AI091576	SEROLOGIC MEMORY AND PREVENTION OF PNEUMOCYSTIS-RELATED COPD IN AIDS MACAQUE MODE	\$0
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI065644	CYSTOSKELETAL REMODELING DURING T CELL ACTIVATION	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAЕ INFECTION	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$0
2011	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI070896	OPTIMIZING DOSING OF COLISTIN FOR INFECTIONS RESISTANT TO ALL OTHER ANTIBIOTICS	\$0
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$0
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI088311	EFFICIENT SITE-SPECIFIC GENETIC ENGINEERING OF THE ANOPHELES GAMBIAE GENOME	\$0
2011	RENIGUARD LIFE SCIENCES INC	PA	R43AI085739	IMPROVED DETECTION OF DRUG-RESISTANCE BY HEPATITIS B VIRUS	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$0
2011	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR Mediated Trophoblast Injury and Poor Pregnancy Outcomes in S. japonica	\$0
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070305	MECHANISMS AND CONSEQUENCES OF INKT CELL ANERGY	\$0
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$0
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050080	MECHANISMS OF REOVIRUS-INDUCED APOPTOSIS	\$0
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI084330	THE ROLE OF IL-12 FAMILY SUBUNIT IN REGULATION OF IL-35 PRODUCTION	-\$1,717
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R34AI091446	EXPANDED TESTING, LINKAGE, AND TREATMENT FOR HIV PREVENTION AMONG MSM IN CHINA	\$0
2011	MEHARRY MEDICAL COLLEGE	TN	SC1AI081655	MECHANISMS OF BIOGENESIS OF ATYPICAL ALPHAVIRUSES	\$0
2011	MEHARRY MEDICAL COLLEGE	TN	R21AI089330	NOVEL TARGETS FOR DISCOVERING PEPTIDE INHIBITORS OF HIV-1 REPLICATION	\$0
2011	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI048417	MYCOBACTERIUM TUBERCULOSIS CELL DIVISION AND PROLIFERATION	\$0
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$0
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$0
2011	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	P01AI048240	Defense-in-depth against mucosal HIV clade C invasion	\$510,102
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI049534	CHRACTERISTICS OF AN M. TUBERCULOSIS DERIVED VACCINE	\$0
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$0
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI077536	TRANSCRIPTIONAL REGULATION OF DEVELOPMENT AND MAINTENANCE OF MEMORY T LYMPHOCYTES	\$0
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI090169	CHARACTERIZATION OF PSEUDOVERDINE, A NOVEL VIRULENCE-RELATED QUINOLONE MOLECULE P	\$0
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI075068	THE MOLECULAR MECHANISMS OF BACTERIAL OUTER MEMBRANE VESICLE FORMATION	\$0
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI072139	NEW VACCINE AGAINST INFLUENZA	\$0
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$41,080

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2011	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$0
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	-\$199,341
2011	BRIGHAM YOUNG UNIVERSITY	UT	U01AI082209	DEVELOPMENT OF NOVEL ANTIMICROBIAL PEPTIDE MIMICS	\$0
2011	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$0
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088298	PROTEOMIC ANALYSES OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION APPARATUS	\$0
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI083735	INHIBITION OF BRUCELLA BY PEPTIDE NUCLEIC ACIDS	\$0
2011	ALEXANDER BIODISCOVERIES LLC	VA	R43AI084244	NOVEL ANTI-VIRAL AGENTS TO TREAT INFLUENZA	\$0
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$0
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$0
2011	JAMES MADISON UNIVERSITY	VA	R15AI094443	ROLE OF INTERLEUKIN-3 AND BASOPHILS IN A MOUSE MODEL OF CUTANEOUS LEISHMANIASIS	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R21AI087427	MRNA/MIRNA REGULATION OF HOST RESISTANCE AND CONTROL IN HIV-1 DISCORDANT COUPLES	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R01AI076170	GLYCAN MODIFICATION, CD4 INDEPENDENCE, AND ENV IMMUNOGENICITY	\$0
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R33AI071939	IMPROVED MACAQUE SAFETY MODEL FOR TOPICAL MICROBICIDES: POST-COITAL ASSESSMENTS	\$0
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R01AI070090	NEW INHIBITORS OF HIV REPLICATION	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R21AI087487	BIOCHEMICAL AND BIOPHYSICAL CHARACTERIZATION OF HIV ENV TRIMER SPIKES USING NANOD	\$0
2011	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	U01AI078054	DEVELOPMENT AND MANUFACTURE OF ADJUVANTS FOR VACCINES TARGETING MDR TUBERCULOSIS	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI070749	EUKARYOTIC-TYPE SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$0
2011	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R56AI095652	HIGH THROUGHPUT ASSAYS TO DETECT INHIBITION OF A KEY M. TUBERCULOSIS PROTEASE	\$0
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$0
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI077988	MULTIPLIED POC DEVICE FOR ANTIGEN/MOLECULAR DETECTION OF INFLUENZA & OTHER VIRUSES	\$0
2011	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI083683	SCL1-MEDIATED IMMUNE EVASION OF THE RHEUMATOLOGENIC GROUP A STREPTOCOCCUS	\$0
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$0
2010	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2010	TUFTS UNIVERSITY	MA	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	\$72,382
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI068826	DESIGNING POTENT ANTHRAX VACCINE WITH ENGINEERED PROTECTIVE ANTIGEN	\$0
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI060449	LIVER DISEASE AND HIV-HBV CO-INFECTION IN THE HAART ERA	\$0
2010	THERALOGICS INC	NC	R41AI088870	EVALUATION OF NBD PEPTIDES AS AN ADJUNCT THERAPY FOR THE TREATMENT OF NON-HODGKIN	\$0
2010	DUKE UNIVERSITY	NC	R21AI079366	TLR SIGNALING IN CD8 T CELL RESPONSE TO VACCINIA VIRUS	\$0
2010	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI090573	Understanding transcriptional silencing & anti-silencing mechanisms in Shigella	\$0
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$0
2010	CUNY, RESEARCH FOUNDATION	NY	R56AI060014	CATALYSIS OF ISONIAZID ACTION BY M. TUBERCULOSIS CATALASE-PEROXIDASE	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$0
2010	COLUMBIA UNIVERSITY	NY	R34AI090051	PLANNING FOR A PHASE 2/2B MICROBICIDE STUDY: VIVAGEL FOR HSV PREVENTION IN WOMEN	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$0

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2010	UNIVERSITY OF RHODE ISLAND	RI	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$0
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$0
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI085135	THE MECHANISMS OF REGULATORY T-CELL EXPANSION IN HUMAN MYCOBACTERIUM TUBERCULOSIS	\$0
2010	BAYLOR COLLEGE OF MEDICINE	TX	F31AI071372	GENE VARIATION AND RESPONSIVENESS TO INFLUENZA VACCINES	-\$5,295
2010	LUNA INNOVATIONS INC	VA	R44AI066612	DEVELOPMENT OF RSK INHIBITORS AS NOVEL THERAPEUTICS FOR YERSINIA PESTIS	\$0
2010	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$0
2009	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	Dealing with Antibiotic Resistance: Antisense Technology	\$0
2009	UNIVERSITY OF IOWA	IA	R01AI068803	PROSPECTIVE STUDIES OF AVIAN INFLUENZA TRANSMISSION IN ASIA	\$41,022
2009	PITTSBURG STATE UNIVERSITY	KS	R15AI049272	ESTROGEN AND GENDER BIASED AUTOIMMUNITY	\$0
2009	VILLANOVA UNIVERSITY	PA	R15AI078396	TRYPANOSOME RNA SYNTHESIS: CHARACTERIZATION OF A NOVEL TRANSCRIPTION FACTOR AS A	\$0
2009	UNIVERSITY OF THE SOUTH	TN	R15AI084075	GLYCODIVERSIFICATION OF ANGUICYCLINE ANTIBIOTICS	\$0
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057504	REGULATORY MECHANISMS OF HBV X GENE TRANSCRIPTION	\$0
2008	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$0
2008	INDEVR LLC	CO	U01AI070276	ADVANCED MICROARRAY TECHNOLOGY FOR PATHOGEN SURVEILLANCE	\$0
Issue Date FY: 2012 (Subtotal = \$2,735,488,927)					
2012	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$3,868,346
2012	UNIVERSITY OF UPPSALA		U01AI065192	INNATE IMMUNITY IN CLINICAL ISLET TRANSPLANTATION: A CLINICAL STUDY (CIT0-01) IN	\$1
2012	UNIVERSITY OF BRITISH COLUMBIA		R01AI076483	DEVELOPMENT OF A CHLAMYDIA T CELL VACCINE BASED ON DENDRITIC CELL IMMUNOPROTEOMICS	\$226,705
2012	INSTITUTE OF BIOTECHNOLOGY		R01AI083084	DECIPHERING THE FUNCTION OF MCE PROTEINS FROM MYCOBACTERIUM TUBERCULOSIS	\$75,742

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2012	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	\$667,142
2012	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		UM1AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$1
2012	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in Haemophilus influenzae	\$52,320
2012	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R21AI102166	TARGETTING THE NIEMANN-PICK DISEASE TYPE C CELLULAR PATHWAY AS A NOVEL APPROACH T	\$148,502
2012	UNIVERSITY OF THE WITWATERSRAND		UM1AI069453	KARABELO Clinical Trials Unit for NIAID Networks	\$2,732,845
2012	UNIVERSITY OF CALGARY		R01AI098995	Adjuvants mechanisms	\$208,310
2012	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$222,264
2012	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		UM1AI069429	Program for HIV Prevention and Treatment-Clinical Trial Unit, Thailand	\$1,134,326
2012	UNIVERSIDAD PERUANA CAYETANO		R01AI099727	Syphilis: Translating technology to understand a neglected epidemic	\$135,000
2012	FUNDACAO FACULDADE DE MEDICINIA		P50AI098461	Sao Paulo- Minas Gerais Neglected Tropical Disease Research Center for Biomarker	\$290,088
2012	UNIVERSITY OF BAHIA		R01AI079238	IMMUNOLOGICAL RESPONSE, VIRAL FACTORS AND HELMINTH INFECTIONS IN DISEASE EXPRESSI	\$79,386
2012	INSTITUTO DE EFECTIVIDAD CLINICA Y SANITARIA		R01AI083229	PATIENT AND SYSTEM FACTORS ASSOCIATED WITH SUCCESSFUL TREATMENT OF TUBERCULOSIS	\$90,972
2012	PUBLIC HEALTH FOUNDATION OF INDIA		R01AI084315	ASSESSMENT OF HIV INCIDENCE AND ITS DETERMINANTS IN A POPULATION-BASED LONGITUDIN	\$99,112
2012	DRUGS FOR NEGLECTED DISEASES INITIATIVE		R01AI090592	K777 for treatment of Chagas Disease: IND-enabling Studies and IND Submission	\$346,192
2012	STATENS SERUM INSTITUTE		R01AI093697	Genome-wide association study of febrile seizures following measles, mumps, rubel	\$113,400
2012	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$1,038,289
2012	CENTRE DE RECERCA EN SALUTINTERNACIONAL DE BARCELONA		R01AI095789	Understanding RTS,S malaria vaccine-induced protection through integrated analysi	\$606,988
2012	INSTITUTE OF MOLECULAR /CELLULAR BIOLOGY		R01AI095183	Transcriptional regulation of lipid homeostasis in mycobacteria	\$96,163
2012	UNIVERSITY OF THE WITWATERSRAND		UM1AI069463	Clinical Trials Units for NIAID Networks (UM1)	\$2,250,104
2012	UNIVERSITY OF COLOMBO		R01AI099602	Study of cutaneous leishmaniasis in Sri Lanka caused by L.donovani	\$122,560
2012	UNIVERSITY OF SOUTHAMPTON		R21AI102239	TARGETING MATRIX METALLOPROTEINASES TO LIMIT IMMUNOPATHOLOGY IN AIRBORNE INFECTIO	\$149,254

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	STELLENBOSCH UNIVERSITY		R01AI099532	Evaluation of a highly-informative LATE-PCR single-tube assay for M(X)DR-TB	\$131,417
2012	FOUNDATION FOR RESEARCH DEVELOPMENT		P50AI098507	Modeling Drug Induced Resistance in S. mansoni Endemic Areas	\$269,804
2012	UNIVERSITY OF GHANA		R01AI102848	ROLE OF COMPLEMENT RECEPTOR 1 IN ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM IN	\$45,066
2012	UNIVERSITY OF CAPE TOWN		R01AI084387	THE ROLE OF CD4+ MEMORY SUBSETS AND IMMUNE ACTIVATION IN HIV DISEASE PROGRESSION	\$103,734
2012	EVA PERON ACUTE INTERZONAL GEN HOSPITAL		R01AI083188	DEVELOPMENT OF T CELL MEMORY IN HUMAN TRYPANOSOMA CRUZI INFECTION	\$102,717
2012	ST GEORGES HOSPITAL MEDICAL SCHOOL		R33AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$289,309
2012	UNIVERSITY OF CAPE TOWN		R01AI096735	An evidence based algorithm for diagnosis of tuberculosis in HIV patients	\$117,610
2012	SIMON FRASER UNIVERSITY		R01AI097051	Vaccines that Replicate the Neutralization-Competent Structure of the gp41 MPER	\$701,154
2012	U OF L IMPERIAL COL OF SCI/TECHNLGY/MED		R21AI094515	MUCOSAL TISSUE EXPLANTS AS SURROGATES FOR IN VIVO EFFICACY OF MICROBICIDES	\$172,346
2012	SUSTAINABLE SCIENCES INSTITUTE		R01AI099631	Characterization of 3rd & 4th dengue virus infections in a pediatric cohort study	\$141,457
2012	UNIVERSITY OF KWAZULU-NATAL		UM1AI069469	CAPRISA Clinical Trials Unit for AIDS/Tuberculosis Prevention and Treatment	\$3,176,037
2012	CTR FOR INFECTIOUS DISEASE RESCH IN ZAMBIA		R01AI099601	Causes of rotavirus vaccine failure in Zambian children	\$133,266
2012	NATIONAL AIDS RESEARCH INSTITUTE		UM1AI069417	National AIDS Research Institute (NARI), Pune, INDIA: Clinical Trials Unit	\$1,477,712
2012	UNIVERSITY OF KWAZULU-NATAL		UM1AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$1,154,244
2012	RESEARCH INSTITUTE FOR TROPICAL MEDICINE		P50AI098481	Schistosomiasis Vaccine Development and Morbidity throughout the Life Course	\$360,327
2012	MONASH UNIVERSITY		R56AI095073	THE ROLE OF CHEMOKINES IN THE ESTABLISHMENT OF HIV LATENCY	\$271,112
2012	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$299,958
2012	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$470,261
2012	MANUEL PEREZ FOUNDATION		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$103,331
2012	BIOTA SCIENTIFIC MANAGEMENT		R01AI094456	Development of Novel Inhibitors of Clostridium difficile.	\$528,895
2012	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$1,190,932

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2012	MCGILL UNIVERSITY		R01AI073889	HITCH: A STUDY OF HPV TRANSMISSION IN YOUNG COUPLES	\$102,806
2012	CHIANG MAI UNIVERSITY		R01AI095166	INVESTIGATION OF THE CHARACTERISTICS AND PERSISTENCE OF MEMORY B CELLS FOLLOWING	\$97,892
2012	CHONGQUING NORMAL UNIVERSITY		R01AI095184	PYRETHROID RESISTANCE IN MALARIA MOSQUITO ANOPHELES SINENSIS	\$108,000
2012	UNIVERSITY OF MALI		P50AI098505	Cutaneous Leishmaniasis in West Africa: the Parasite, Vector and Disease	\$300,000
2012	UKZN INNOVATION (PTY) LTD		UM1AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$758,768
2012	FUNDACAO OSWALDO CRUZ		UM1AI069476	The FIOCRUZ Therapeutic and Prevention HIV/AIDS Clinical Trials Unit	\$2,088,387
2012	MCMASTER UNIVERSITY		U19AI100266	The effect of peptide therapy and allergen provocation on Fel d1-specific T Cells	\$1,330,917
2012	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$182,465
2012	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$260,628
2012	UNIVERSITY OF CAPE TOWN		R01AI083156	MECHANISMS OF IMMUNE REGULATION IN MYCOBACTERIUM TUBERCULOSIS INFECTION	\$98,690
2012	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$94,638
2012	UNIVERSITY OF CAPE TOWN		R01AI083145	LIPID MEDIATED FORMATION OF HEMOZOIN	\$97,687
2012	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI082734	DEVELOPMENT OF A FIELD APPLICABLE SCREENING TOOL (FAST) KIT FOR DETECTING RESISTA	\$306,435
2012	CENTRAL INSTITUTE FOR TUBERCULOSIS		R01AI078899	CELLULAR AND MOLECULAR PATHWAYS OF TUBERCULOSIS PROGRESSION	\$105,850
2012	STELLENBOSCH UNIVERSITY		UM1AI069521	Stellenbosch University Clinical Trials Unit (SUN-CTU)	\$1,631,201
2012	SHOKLO MALARIA RESEARCH UNIT		R01AI099385	Innate immune mechanisms in dengue infection	\$135,000
2012	UNIVERSITY OF QUEENSLAND		R21AI098731	DISCOVERY OF POLYMYXIN-BASED ANTIBACTERIAL AGENTS ACTIVE AGAINST MULTI-DRUG RESIS	\$169,931
2012	NOGUCHI MEMORIAL INSTITUTE OF MEDICAL RESEARCH		R01AI099623	Epidemiology and molecular mechanisms of anthelmintic treatment failure in Kinta	\$129,121
2012	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		UM1AI069422	South African Medical Research Council Clinical Trials Unit (MRC CTU)	\$19,069,095
2012	FEDERAL UNIVERSITY OF BAHIA		R01AI094577	THE ROLE FOR NOTCH SIGNALING IN INFLAMMATORY RESPONSES IN INFECTIOUS DISEASE	\$50,000
2012	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$193,428
2012	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$2,496,231

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2012	SMBD-JEWISH GENERAL HOSPITAL		R01AI077387	DEVELOPMENT OF THE GAG/LYSYL TRNA SYNTHETASE INTERACTION AS A TARGET FOR ANTI-HIV	\$606,793
2012	MOI UNIVERSITY COLLEGE OF HEALTH SCIENCES		R01AI084381	CAUSES OF EARLY MORTALITY IN HIV-INFECTED AFRICANS ON ANTIRETROVIRAL THERAPY	\$161,098
2012	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$822,875
2012	UNIVERSITY OF DURHAM		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$468,734
2012	MAHIDOL UNIVERSITY		R01AI089410	MAS-PCR RAPID SCREENING TEST FOR MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB)	\$121,003
2012	KENYA MEDICAL RESEARCH INSTITUTE		R01AI094580	EPIDEMIOLOGY OF CLINICAL MALARIA IN WESTERN KENYA HIGHLANDS	\$54,000
2012	TUBERCULOSIS RESEARCH CENTRE		R01AI084390	HIV associated Lipodystrophy Syndrome in Children: Role of nutrition, ART & Genes	\$122,593
2012	RESEARCH INSTITUTE FOR HEALTH SCIENCES		UM1AI069399	Thailand HIV/AIDS and Infectious Disease Clinical Trials Unit (THAI CTU)	\$1,307,793
2012	SOUTHERN MEDICAL UNIVERSITY		R01AI083202	IMPACTS OF URBANIZATION ON VECTOR BIOLOGY AND TRANSMISSION OF DENGUE IN CHINA	\$102,907
2012	UNIVERSITY OF OTAGO		R01AI085072	MOLECULAR MECHANISM OF CELL-CELL SPREAD OF LISTERIA IN POLARIZED EPITHELIAL CELLS	\$250,943
2012	KHON KAEN UNIVERSITY		P50AI098639	Pathogenesis, Carcinogenesis and Ecology of Opisthorchiasis in Thailand	\$312,883
2012	CHINA MEDICAL UNIVERSITY		R01AI099611	Transmission blocking vaccine study in Plasmodium vivax	\$131,166
2012	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		UM1AI069411	Chinese Clinical Trials Unit for HIV Research (CCTU)	\$376,189
2012	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		R01AI099603	Impact of Effective Chemotherapy on Transmission of Drug Resistant Tuberculosis	\$159,652
2012	SHANGHAI INST OF MATERIAL MED, CHINESE ACADEMY OF SCI		R01AI100604	Molecular Mechanism of HIV Entry Mediated by Chemokine Receptor CCR5	\$135,000
2012	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$1,278,409
2012	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		R01AI082597	Proteome-wide cellular immunity approach to P. falciparum antigen identification	\$597,631
2012	UNIVERSIDAD DE BUENOS AIRES		R01AI079007	SIGNALING PATHWAYS THAT REGULATE IFN-G PRODUCTION IN HUMAN TUBERCULOSIS.	\$70,798
2012	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$102,600

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2012	THE GHESKIO CENTERS		UM1AI069421	GHESKIO HIV Clinical Trial Unit	\$1,604,865
2012	MED RESEARCH COUNCIL LABORATORY OF MOLECULAR BIOLOGY		F32AI091311	STUDIES OF ANTIBODY DIVERSITY AND GENOME STABILITY: REGULATION OF ACTIVATION-INDU	\$7,850
2012	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in Haemophilus influenzae	\$7,850
2012	UNIVERSITY OF CAPE TOWN		UM1AI069519	University of Cape Town Clinical Trials Unit (UCTCTU)	\$86,983
2012	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		UM1AI069438	IMPACTA PERU CLINICAL TRIALS UNIT	\$2,376,608
2012	CIVIL ASSOCIATION OF THE AMAZON JUNGLE		P50AI098574	Soil-Transmitted Helminthiases (STH) and Deworming	\$298,511
2012	FUNDACAO FACULDADE DE MEDICINIA		UM1AI069420	Sao Paulo Clinical Trials Unit	\$405,024
2012	MCGILL UNIVERSITY		R21AI097814	VISUALIZING INVARIANT NKT CELL DYNAMICS FOLLOWING IMMUNIZATION AND INFECTION	\$147,282
2012	TEL AVIV UNIVERSITY		R21AI096940	HIGH THROUGHPUT HIGH RESOLUTION PROFILING OF ANTIBODY SPECIFICITIES OF POLYCLONAL	\$163,056
2012	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$509,260
2012	UNIVERSITY OF RIJEKA		R01AI083201	VIRAL EVASION OF NK CELLS	\$79,433
2012	UNIVERSITY OF BRITISH COLUMBIA		F32AI085761	METABOLIC ADAPTATION OF CITROBACTER DURING PATHOGENIC COLONIZATION OF THE GUT	\$7,850
2012	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI083162	NOVEL NUCLEOSOME COMPOSITION AND MODIFICATIONS IN PROTOZOAL PARASITE TOXOPLASMA G	\$109,759
2012	CENTRE HOSP UNIV VAUDOIS CHUV		UM1AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$371,869
2012	UNIVERSITY OF BRITISH COLUMBIA		R21AI098701	NOVEL ADJUNCTIVE THERAPY FOR DRUG RESISTANT GRAM-NEGATIVE PATHOGENS	\$170,239
2012	MONASH UNIVERSITY		R01AI098771	Targeting superbugs: discovery and development of new broad-spectrum lipopeptides	\$915,110
2012	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,770,652
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$456,307
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$367,782
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$127,765
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$355,286
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI084772	HIV-1 CRYPTIC EPITOPES: IMPLICATIONS FOR VACCINE DESIGN	\$500,421
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI087101	Structural basis for HIV-1 Gag interactions with cellular constituents	\$362,588

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2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$558,373
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$310,898
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI097267	Inhibition of Herpes Simplex Virus Type 2 by Tenofovir	\$133,596
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI093750	MYCOPLASMA POLYSACCHARIDES AND CONTROL OF INFECTION	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$594,307
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI082966	IL- 21 AND IMMUNE MEDIATED VIRAL CONTROL	\$465,743
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	\$34,094
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI100076	DEFINING THE INTERACTION OF FCRLA WITH IMMUNOGLOBULIN	\$73,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R34AI100728	RCT OF TREATMENT OF MALE PARTNERS OF WOMEN WITH RECURRENT BACTERIAL VAGINOSIS	\$260,506
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI095449	Mechanism of alphavirus packaging: designing of pseudoinfectious viruses	\$366,250
2012	FOODSOURCE LURE CORPORATION	AL	R42AI078631	Delivery system development for a reservoir targeted Lyme disease vaccine	\$1,000,000
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$193,049
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076562	THE ROLE OF CD5 IN B-CELL DEVELOPMENT AND AUTOIMMUNITY	\$355,286
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$4,366,443
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077574	CONTROL OF CHROMATIN LANDSCAPES IN EFFECTOR T CELL LINEAGE SPECIFICATIONS	\$363,709
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI080669	FUSION INHIBITORS OF INFLUENZA VIRUS	\$340,732
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI090742	ROLE OF IG CDR-H3 IN RESPONSES TO HIV VACCINES	\$365,205
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI093103	THE ROLE OF WCJE DISRUPTION IN PNEUMOCOCCAL SEROTYPE 11A HUMORAL ESCAPE	\$32,863
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI099867	THE REGULATION OF T CELL EXHAUSTION BY ADHESION MOLECULES	\$183,125
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	UM1AI069452	Alabama Clinical Trials Unit	\$1,856,693
2012	SOUTHERN RESEARCH INSTITUTE	AL	R21AI101924	SYNTHETIC GYPSOGENIN SAPONINS AS SYNERGISTIC VACCINE ADJUVANTS	\$305,758
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI048115	THE ROLE OF IMMUNOGLOBULIN CDRH3 IN AUTOIMMUNE DISEASE	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$355,286

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2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$323,066
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$362,588
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI097357	Central and Effector B cells in the Lung	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI103661	Integrating ENGagement and Adherence Goals Upon Entry iENGAGE to Control HIV	\$516,953
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI097729	MODELING FCRL6 REGULATION AND FUNCTION IN TRANSGENIC MICE	\$219,750
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI101138	INNATE IMMUNITY AND VIRAL RENAL ALLOGRAFT INJURY	\$362,298
2012	VAXIN PHARMACEUTICALS, INC	AL	R43AI102294	DEVELOPMENT OF A SIMPLE AND EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$110,701
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI093592	NEW GENERATION OF EFFICIENT VACCINES AGAINST ENCEPHALITOGENTIC ALPHAVIRUSES	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI031473	PNEUMOCOCCAL CAPSULE AND HOST INNATE IMMUNITY	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$520,733
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083632	COPPER TRANSPORT IN MYCOBACTERIUM TUBERCULOSIS	\$358,962
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI090902	HLA Region and KIR Genomics in Common Variable Immune Deficiency	\$760,281
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI097876	ROLE OF CCR1 IN CYTOKINE STORM & IMMUNOPATHOLOGY AFTER INFLUENZA INFECTION	\$219,750
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$323,066
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076389	MECHANISM OF MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$326,329
2012	UNIVERSITY OF SOUTH ALABAMA	AL	K22AI089786	CONTROL OF ASPERGILLUS FUMIGATUS POLARIZED GROWTH THROUGH REGULATION OF RAS PROTE	\$156,880
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI099407	DESIGN AND SYNTHESIS OF STRUCTURALLY DEFINED QS-21-BASED SYNTHETIC ADJUVANTS	\$73,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFN α and IL-17	\$366,250
2012	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI020384	Genetic Analysis of Rickettsia prowazekii	\$463,229
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$127,688
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$4,882,714
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$360,432
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083449	IMMUNOBIOLOGY OF BACILLUS ANTHRACIS SPORE-HOST INTERACTIONS	\$362,588

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2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI100005	Effects of neonatal microbial exposure on anti-polysaccharide B cell development	\$309,875
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI094625	IGM FC RECEPTOR IN CLL	\$219,750
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI093692	Mechanisms and Correlates of Immune Protection against Genital Chlamydia in Human	\$471,468
2012	SOUTHERN RESEARCH INSTITUTE	AL	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$588,698
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$319,758
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073521	MECHANISM OF CELL SURFACE ASSEMBLY CATALYZED BY SORTASES	\$364,842
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI101642	DUAL FUNCTION OF VPO1 IN PATHOGEN RECOGNITION AND KILLING	\$219,750
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089337	Chimeric adenoviruses for an improved HIV vaccine	\$366,250
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI102187	HOST FACTORS REQUIRED FOR DENGUE AND YELLOW FEVER VIRUS AMPLIFICATION	\$219,603
2012	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI098551	ANALYSIS OF VARIANT EPITOPE SPECIFIC CD8 T -CELLS TO OPTIMIZE HIV VACCINE DESIGN	\$636,206
2012	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI077932	IMMUNOREGULATORY NETWORKS IN CHLAMYDIA GENITAL TRACT INFECTION	\$132,300
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI094079	MECHANISMS OF REOVIRUS BLOODSTREAM DISSEMINATION	\$160,000
2012	OCEAN NANOTECH LLC	AR	R43AI092962	QUANTUM DOT-BASED QUALITATIVE AND QUANTITATIVE MULTIPLEX STRIP TEST FOR MALARIA I	\$294,664
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI094168	MOLECULAR GENETIC CONTROL OF THE IMMATURE FEMALE MOSQUITO VECTOR	\$184,375
2012	BIODETECTION INSTRUMENTS INC	AR	R41AI100468	A BINARY PROBE-BASED DNAZYME CASCADE FOR RAPID DETECTION OF MRSA/MSSA	\$168,547
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$353,529
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$356,202
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI037027	CAPSULE REGULATORY NETWORK IN S. AUREUS PATHOGENESIS	\$284,229
2012	UNIVERSITY OF ARKANSAS	AR	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	\$344,196
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI090179	A PROTECTIVE ROLE FOR IL-17 IN BLOOD-STAGE MALARIA	\$211,534
2012	ARKANSAS STATE UNIVERSITY	AR	R21AI094185	RTB-MEDIATED DELIVERY: ORCHESTRATING ANTIGEN TRAFFICKING TO ENHANCE CELL IMMUNITY	\$170,000
2012	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$342,278

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$377,438
2012	UNIVERSITY OF ARIZONA	AZ	R01AI083927	DRUG TRANSPORT AT THE BLOOD-TESTIS BARRIER	\$374,963
2012	ARIZONA STATE UNIVERSITY	AZ	R21AI092307	INCREASED RESISTANCE TO LOW PH TO IMPROVE SALMONELLA VACCINE IMMUNOGENICITY	\$190,625
2012	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI089846	Role of Macrophage Regulatory Cells (Mac-regs) in Immune Regulation	\$410,000
2012	BLOOD SYSTEMS INC	AZ	R01AI074986	MODELING VIRAL ENTRY AND ITS INHIBITION USING SARS-COV	\$395,225
2012	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$367,689
2012	UNIVERSITY OF ARIZONA	AZ	R01AI079030	ROLE OF NEISSERIA GCP IN TFP DYNAMICS AND INVASION	\$378,646
2012	UNIVERSITY OF ARIZONA	AZ	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$371,213
2012	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI090782	Molecular Antibiotic Resistance Arrays for clinical microbiology laboratories	\$978,843
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI096213	ANTIBODY BIOMARKERS FOR EARLY DETECTION OF TUBERCULOSIS	\$362,025
2012	UNIVERSITY OF ARIZONA	AZ	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$375,082
2012	ARIZONA STATE UNIVERSITY	AZ	R21AI100199	REMODELING SALMONELLA OUTER MEMBRANE FOR VACCINE DEVELOPMENT	\$231,000
2012	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R21AI098059	FUNCTIONAL GENOMIC ANALYSES OF EMERGING CRYPTOCOCCUS SUBTYPES IN NORTH AMERICA	\$291,179
2012	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	\$421,135
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI060557	Salmonella Vaccines Against Bacterial Enteropathogens	\$437,073
2012	UNIVERSITY OF ARIZONA	AZ	R01AI081972	CD46 AS A SIGNALING INTERMEDIATE IN N. GONORRHOEAE INFECTION	\$374,963
2012	ARIZONA STATE UNIVERSITY	AZ	R21AI101329	BIFUNCTIONAL ANTIBODIES WITH TARGETED CNS DELIVERY AGAINST WEST NILE VIRUS	\$204,188
2012	UNIVERSITY OF ARIZONA	AZ	R01AI091843	On the Edge: Dengue and Climate	\$592,313
2012	ARIZONA STATE UNIVERSITY	AZ	R21AI095872	LIVE ATTENUATED YERSINIA AS VACCINES AGAINST PNEUMONIC PLAGUE	\$228,750
2012	ARIZONA STATE UNIVERSITY	AZ	R21AI098081	ALTERATION OF LIPID A ACYL CHAIN LENGTH IN SALMONELLA	\$231,000
2012	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	\$390,316
2012	ARIZONA STATE UNIVERSITY	AZ	R03AI094193	ISOLATING VIRAL PARTICLES FROM WHOLE BLOOD	\$69,437

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	\$1,025,685
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI095394	DsRNA Characterization in Monkeypox-infected Cells	\$382,999
2012	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$301,419
2012	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	\$378,750
2012	UNIVERSITY OF ARIZONA	AZ	R01AI101053	Probing the mechanistic basis for T cell fate decisions (R01)	\$378,750
2012	UNIVERSITY OF ARIZONA	AZ	R01AI042268	IMMUNOLOGIC, GENETIC AND EXPOSURE-RELATED PATHWAYS TO CHILDHOOD ASTHMA	\$696,854
2012	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$373,663
2012	UNIVERSITY OF ARIZONA	AZ	R01AI073745	INSULIN, IGF AND INSULIN SIGNALING: EFFECTS ON ANOPHELES LIFESPAN AND IMMUNITY	\$500,540
2012	UNIVERSITY OF ARIZONA	AZ	R15AI100118	IDENTIFYING COMMUNITY-BASED SOLUTIONS THAT IMPROVE INSECTICIDE-TREATED NET (ITN)	\$376,116
2012	ARIZONA STATE UNIVERSITY	AZ	R03AI099740	PATHOGEN ISOLATION AND CONCENTRATION FOR PHENOTYPIC SUBTYPING	\$69,175
2012	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI071025	ANTIBODY CYTOKINE FUSION PROTEINS AGAINST CRYPTOCOCCUS NEOFORMANS	\$310,937
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI073911	HUMORAL RESPONSES TO LYME BORRELIOSIS: A MOUSE MODEL	\$368,286
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$475,359
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077607	UNDERSTANDING AND MANIPULATING THE T CELL CONTRACTION PHASE	\$464,322
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI051354	REGULATION OF HUMORAL IMMUNITY TO INFLUENZA VIRUS	\$371,492
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$485,685
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$465,302
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040696	REGULATION OF HBV REPLICATION BY THE IMMUNE SYSTEM	\$464,322
2012	STANFORD UNIVERSITY	CA	R01AI031168	ORIGINS OF DIVERSITY AT HUMAN CLASSICAL MHC CLASS I GENES	\$586,680
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI053331	T cell regulation by N-glycosylation	\$424,944
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI020001	PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	\$644,514
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI026328	T-CELL MEDIATED IMMUNITY IN CHLAMYDIA GENITAL INFECTION	\$376,534
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$3,133,144

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$0
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$344,149
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$348,563
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$405,575
2012	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$581,411
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100748	Lamivudine and its Impact on Perinatal HBV Transmission in HIV/HBV Coinfection	\$406,865
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$381,150
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$852,188
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$104,630
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,556,802
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$407,868
2012	J DAVID GLADSTONE INSTITUTES	CA	P01AI083050	EXPLORING HIV-HOST INTERACTIONS IN THE FEMALE REPRODUCTIVE TRACT	\$3,024,476
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI049453	THE MOLECULAR BASIS OF OX40 ON CD4 T CELLS	\$416,788
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$602,678
2012	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,787,209
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073539	ROLE OF VITAMIN D PROHORMONE 25-OHD IN THE INNATE IMMUNE RESPONSE TO TUBERCULOSIS	\$387,436
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$408,056
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI076278	Innate immune response to bacterial flagellins	\$381,907
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI082266	HUMAN AUTOIMMUNITY AND GENETIC DEFECTS IN N-GLYCOSYLATION	\$370,594
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081757	MICRORNA REGULATION OF HUMAN T AND B CELL ACTIVATION	\$465,302
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$2,312,751
2012	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI082740	MULTIEPITOPE CIRCUMSPOROZOITE P.FALCIPARUM MALARIA SUBUNIT VACCINE DISPLAYED ON V	\$639,675
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,530,119
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087634	The Role of miR-17~92 in Autoimmune Diseases	\$423,002

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2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080671	INVESTIGATIONS TARGETING SYMPTOMATIC RELIEF TO BOTULINUM NEUROTOXIN A INTOXICATIO	\$445,015
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI093179	A novel APOBEC-based vaccine approach for HIV	\$236,177
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091068	Control of intestinal microflora and inflammation by immune sensing of flagellin	\$53,942
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079060	Immunological Priming to Hepatitis B Virus	\$465,302
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI081727	Regulation of ESX-1 secretion and its role in M. tuberculosis virulence	\$405,569
2012	UNIVERSITY OF CALIFORNIA	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$124,161
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$138,245
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$376,165
2012	STANFORD UNIVERSITY	CA	R01AI085268	THE ROLE OF CARBOXYPEPTIDASE B AND ITS SUBSTRATES IN RHEUMATOID ARTHRITIS	\$399,229
2012	CYTODESIGN INC	CA	R43AI093112	ENGINEERING THERAPEUTIC PROTEASES	\$97,919
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$356,314
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	F32AI096698	NEGATIVE REGULATION OF NLRP1-INFLAMMASOMES BY THE LINEAR UBIQUITIN ASSEMBLY COMPL	\$52,190
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$2,031,918
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$869,007
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI094180	ATHEROSCLEROSIS: CYTOMEGALOVIRUS, SHEAR STRESS, AND ENDOTHELIAL CELLS	\$184,350
2012	STANFORD UNIVERSITY	CA	F32AI085959	THE MHC OF WILD CHIMPANZEES: GENETIC VARIATION, DISEASE AND REPRODUCTIVE SUCCESS	\$52,190
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079043	Innate Control of Hepatitis C Virus Infection: Antiviral and Evasion Mechanisms	\$470,003
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089831	Interplay of Innate and Adaptive Immunity in Lupus Pathogenesis	\$382,388
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092845	NEXT GENERATION SEQUENCE ANALYSIS OF THE IGH REPERTOIRE	\$189,500
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI087734	LIGHT_HVEM_BTLA axis in protective anti_viral immunity	\$363,600
2012	CRYSTAL BIOSCIENCE INC	CA	R43AI100757	NOVEL THERAPEUTIC ANTIBODIES FOR THE TREATMENT AND PREVENTION OF AIDS	\$194,784
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095038	Multifunctional Human Anti-HIV Antibodies	\$473,750

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2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI095004	THE ROLE OF ENVELOPE PHOSPHATIDYLSERINE IN THE BINDING OF HIV TO TARGET CELLS	\$192,500
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI092129	Trapping membrane proteins with adjuvant-carrying amphipols for vaccine formulati	\$336,552
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080353	POOLED NUCLEIC ACID TESTING TO IDENTIFY ANTIRETROVIRAL TREATMENT FAILURE IN INDIA	\$200,240
2012	TUNITAS THERAPEUTICS INC	CA	R42AI085987	THERAPEUTIC PEANUT ALLERGEN FC GAMMA CHIMERIC PROTEINS TO TREAT PEANUT ALLERGY	\$868,840
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI095319	Surveillance of Serum Contents by Mast Cells and Regulation of Allergic Immunity	\$127,440
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI100236	INFORMATIVE IMMUNODIAGNOSTICS FOR LYME DISEASE	\$230,188
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095324	Discovery of Oxaboroles as New Antimalarial Agents	\$172,378
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI095034	Molecular Epidemiology and Geospatial Analysis of TB Transmission in Uganda	\$127,440
2012	AMPLYX PHARMACEUTICALS INC	CA	R43AI098636	DESIGNING HIV PROTEASE INHIBITORS WITH LOWER DOSING REQUIREMENTS AND LOWER TOXICI	\$295,904
2012	STANFORD UNIVERSITY	CA	R21AI095838	DEVELOPMENT OF IMPROVED DIAGNOSTIC ALLERGY TEST	\$237,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069536	HIV CENTERS FOR UNDERREPRESENTED POPULATIONS IN RESEARCH CTU (HIV CURE CTU)	\$1,012,463
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI102491	Host-pathogen Interactions during Vertical Transmission of Listeria monocytogenes	\$49,214
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101539	TRISPECIFIC MONOCLONAL ANTIBODY FOR BOTULINUM NEUROTOXIN INTOXICATION THERAPY	\$207,807
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI098278	13TH INTERNATIONAL MEETING OF THE SOCIETY FOR NATURAL IMMUNITY APRIL 20-24, 2012	\$8,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R13AI100519	2012 GAMMA DELTA T CELL CONFERENCE	\$10,000
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI099125	Improved mutant meningococcal factor H binding protein vaccines	\$478,536
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI097657	EARLY AGR ACTIVATION IS A KEY PATHOGENIC SIGNATURE IN PERSISTENT MRSA BACTEREMIA	\$183,010
2012	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI100376	SCREENING FOR INHIBITORS OF TLR8 FOR TREATMENT OF RHEUMATOID ARTHRITIS	\$299,830
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R00AI085107	MECHANISMS OF CARBON DIOXIDE RESPONSE IN NEMATODES	\$240,347

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2012	AVIDBIOTICS CORPORATION	CA	R43AI098186	TARGETABLE BACTERICIDAL PROTEINS TO SPECIFICALLY KILL CLOSTRIDIUM DIFFICILE BACTE	\$300,000
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095299	The role of Fas-associated death domain in necroptosis in vivo	\$376,822
2012	PAXVAX INC	CA	R43AI102787	REPLICATING AD4-HIV VACCINE DEVELOPMENT BASED ON IMPROVED HIV ENV AND GBV-C E2	\$261,608
2012	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI101556	GYRASE B INHIBITORS FOR MYCOBACTERIUM TUBERCULOSIS	\$231,861
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI099726	THYMIC DEVELOPMENT AND MHC RESTRICTION OF CD8AA TCRAB INTRAEPITHELIAL LYMPHOCYTES	\$261,000
2012	PANORAMA RESEARCH, INC	CA	R43AI093001	A NOVEL HYBRID MULTIFUNCTIONAL CYTOKINE FOR IMMUNE RECONSTITUTION	\$227,861
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI104434	STRUCTURAL BASIS OF ANTIBODY-MEDIATED NEUTRALIZATION OF HIV	\$410,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI102247	ARENAVIRUS SUBVERSION OF DENDRITIC CELLS	\$232,500
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K99AI097286	REGULATION OF NATURAL KILLER T CELL MATURATION, HOMEOSTASIS AND ACTIVATION	\$90,000
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	F32AI098492	Mode of Action of a Fragment of hnRNPU in Blocking HIV-1 mRNA Export	\$49,214
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI100291	NOVEL MECHANISMS OF BETA-LACTAM RESISTANCE IN STAPH AUREUS	\$391,354
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI094386	Cellular attachment, penetration and transport of non-enveloped dsRNA viruses	\$354,885
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$422,028
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097012	Mode of action of a new Tat HIV-1 inhibitor	\$667,765
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI097662	CHARACTERIZING INFLAMMATION AND DOWNSTREAM EFFECTS DURING CHRONIC VIRAL INFECTION	\$387,500
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI067341	TNFR MEMBERS IN T CELL IMMUNITY TO VACCINIA	\$348,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$401,623
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI072058	CELL TYPE-SPECIFIC ROLES OF TLR SIGNALING IN IMMUNE RESPONSES	\$378,564
2012	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$389,590
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$483,684
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$353,959

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$472,725
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$364,467
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI043274	INTESTINAL CYTOKINE AND T CELL HOMEOSTASIS IN SIV INFECTION	\$661,550
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$472,725
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$381,150
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$368,743
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$274,950
2012	STANFORD UNIVERSITY	CA	R01AI053724	INVESTIGATING ENTAMOEBIA HISTOLYTICA COLONIC PATHOGENESIS	\$387,332
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$370,138
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$193,058
2012	STANFORD UNIVERSITY	CA	R01AI053846	VARICELLA-ZOSTER VIRUS: TEGUMENT PROTEINS IN PATHOGENESIS	\$466,116
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$659,484
2012	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$374,963
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$369,136
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$418,773
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	TESTING IN VIVO OF HIV-IMMUNOPATHOGENIC HYPOTHESES USING NEW KINETIC TECHNIQUES	\$451,177
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca ²⁺ signaling in T cells	\$454,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI056388	AUTOIMMUNITY CENTER OF EXCELLENCE	\$516,480
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$557,432
2012	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$453,663
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$398,254
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI078869	INNATE IMMUNE REGULATION OF INFLAMMATION AND ADAPTIVE IMMUNITY	\$1,712,336
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$337,138
2012	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	TOX, A Novel Regulator of Thymocyte Selection	\$408,375
2012	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$256,328

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$3,006,769
2012	CEDARS-SINAI MEDICAL CENTER	CA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	\$401,954
2012	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048034	Regulation of NF-Kappa B	\$714,981
2012	STANFORD UNIVERSITY	CA	R01AI087917	HCV NS4B: Translating molecular virology into novel antiviral therapies	\$396,363
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,920
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI080147	ORAL WASH FOR NUCLEIC ACID DIAGNOSIS AND PROGNOSIS OF TB IN HIV-INFECTED UGANDANS	\$121,770
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI080749	MACROPHAGE TRANSCRIPTIONAL RESPONSES TO LEGIONELLA PNEUMOPHILA	\$323,854
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI087528	A natural host model for microsporidia pathogenesis in the intestine	\$382,388
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073737	B CELLS IN CNS AUTOIMMUNITY	\$377,676
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	IMMUNE REGULATION OF VIRAL PERSISTENCE AND CLEARANCE	\$395,803
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$339,605
2012	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081881	CARTILAGE INNATE IMMUNITY IN OSTEOARTHRITIS	\$344,015
2012	STANFORD UNIVERSITY	CA	K08AI079268	MECHANISMS OF T CELL INHIBITORY PATHWAYS	\$132,786
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI080799	SYSTEMS BIOLOGY APPROACH TO MAPK REGULATION OF MALARIA INFECTION IN A. STEPHENSI	\$694,268
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI078183	An.gambiae immune signaling gene SNPs and natural P. falciparum infection	\$654,445
2012	STANFORD UNIVERSITY	CA	U19AI082719	AUTOIMMUNITY CENTER OF EXCELLENCE (ACE) AT STANFORD	\$670,355
2012	STANFORD UNIVERSITY	CA	K01AI084582	IMPROVING THE PUBLIC HEALTH IMPACT OF HIV TESTING IN HIGHLY ENDEMIC REGIONS	\$130,440
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089896	An automated high throughput phenotypic screen for schistosomiasis drug discovery	\$428,854
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI083663	Mucosal barrier function during Salmonella infection	\$402,444
2012	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	\$617,477
2012	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$403,367
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI089378	REFOCUSING THE IMMUNE RESPONSE TO THE HIV ENVELOPE GLYCOPROTEIN	\$701,003

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2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI092453	Specificity of CD8 cells in islets from type 1 diabetes patients	\$401,400
2012	STANFORD UNIVERSITY	CA	R21AI094887	TRANSCRIPTOME ANALYSIS OF ENTAMOEBA DEVELOPMENT USING RNA-SEQUENCING	\$197,500
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095511	HT SCREENS FOR THE DISRUPTION OF THE T CELL RECEPTOR CD3 INTERFACE	\$555,275
2012	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$192,527
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Primary Immune Deficiency Treatment Consortium Annual Scientific Meeting	\$20,000
2012	GENEFLUIDICS INC	CA	R44AI088756	An Integrated Diagnostic System for Rapid Antimicrobial Susceptibility Testing	\$997,129
2012	STANFORD UNIVERSITY	CA	F32AI089085	EVOLUTION AND ANCESTRAL FUNCTIONS OF A HUMAN MHC CLASS I PSEUDOGENE, HLA-Y	\$51,914
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI088790	Bay Area Hepatitis C Cooperative Research Center	\$717,263
2012	UNIVERSITY OF CALIFORNIA	CA	R33AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$486,994
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040098	B lymphocyte Migration and Homeostasis	\$386,250
2012	VENTRIA BIOSCIENCE	CA	R44AI081339	PRODUCTION OF OSPA IN RICE FOR THE CONTROL OF LYME DISEASE	\$286,601
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092280	DEVELOPMENT OF A BROADLY NEUTRALIZING INFLUENZA VIRUS VACCINE	\$284,250
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Mechanisms of tissue damage leading to chronic allergic eosinophilic esophagitis	\$387,500
2012	SCRIPPS RESEARCH INSTITUTE	CA	R33AI079782	ANTI-HIV MICROBICIDAL PEPTIDES	\$519,045
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI100905	TNF FAMILY MEMBERS AND CONTROL OF FIBROTIC DISEASE	\$261,000
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	\$494,659
2012	TOURO UNIVERSITY	CA	R21AI093243	RATIONAL DESIGN OF INDOLE COMPOUNDS AS HIV FUSION INHIBITORS	\$180,875
2012	OSEL, INC	CA	R43AI100753	DELIVERY OF PASSIVE IMMUNITY AGAINST HIV USING COMMENSAL VAGINAL LACTOBACILLUS BI	\$299,870
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R03AI101749	RECONSTITUTION OF PLASMODIUM EXPORT IN TOXOPLASMA	\$73,153
2012	STANFORD UNIVERSITY	CA	R21AI097633	PHOSPHOPROTEOME OF TOXOPLASMA	\$234,605
2012	STANFORD UNIVERSITY	CA	K08AI097239	Deciphering apicoplast function during blood stage Plasmodium infection	\$133,191
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094048	A Drosophila model for NFkB and prostaglandin dependent inflammatory response	\$192,500

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2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R34AI098633	PLANNING GRANT FOR THE EFFICACY OF AURANOFIN FOR THE TREATMENT OF AMEBIASIS	\$226,040
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI098091	TARGETING BACTERIAL PHOSPHATASES FOR NOVEL ANTI-BACTERIAL AGENTS.	\$243,750
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI100896	GENETIC ANALYSIS OF THE TRANSCRIPTIONAL NETWORK GOVERNING C. ALBICANS BIOFILMS	\$126,630
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI091987	Herpes simplex virus-1 evasion of CD1d antigen presentation pathway	\$409,583
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI101983	CHARACTERIZATION OF TWIXT: A NOVEL MEMBRANE ADAPTOR PROTEIN IN B CELLS	\$292,500
2012	UNIVERSITY AUXILIARY & RESEARCH SERVICES CORPORATION	CA	R15AI101889	PATHOGENIC DETERMINANTS OF AN EMERGING INFECTIOUS DISEASE	\$364,720
2012	STANFORD UNIVERSITY	CA	R01AI098519	Automated comparison of flow data from HIV and vaccine infected subjects.	\$254,500
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI099141	Inducing antigen specific B cell tolerance	\$473,750
2012	VENTRIA BIOSCIENCE	CA	R44AI092916	ROBUST, DEFINED, ANIMAL-FREE CELL CULTURE MEDIUM FOR THE PRODUCTION OF VACCINES	\$689,933
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI100829	Immunology & Pathogenesis Program Training Grant	\$273,719
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096852	Metabolic Regulation of T cell Immunity	\$387,500
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R00AI089935	FUNCTION OF MICRORNAS IN CONTROLLING REGULATORY T CELL BIOLOGY	\$249,000
2012	UNIVERSITY OF SAN FRANCISCO	CA	R15AI097967	Innate immune response to microbial PAMPs in the schistosome-transmitting snail,	\$296,713
2012	CEDARS-SINAI MEDICAL CENTER	CA	R03AI097748	POTENTIAL ROLE OF IL-1B THERAPIES FOR TREATMENT OF VASCULITIS OF KAWASAKI DISEASE	\$83,500
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI097242	Development of High Throughput Assays for the Hepatitis C Virus NS2 Protease	\$346,500
2012	UNIVERSITY OF CALIFORNIA	CA	DP1AI106275	Role of Natural Pseudotyping with Other Viruses in HIV Transmission	\$1,445,498
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI097695	Innate Immune Responses in Populations with Differing Susceptibility to Malaria	\$222,125
2012	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI101400	TAM Receptors and Flavivirus Infection	\$400,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI099687	STRUCTURAL AND FUNCTIONAL ANALYSES OF TOXIN-ANTITOXIN PROTEIN COMPLEXES FROM BACT	\$207,430
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R56AI099372	MECHANISMS MEDIATING HCMV GENOME MAINTENANCE DURING LATENCY	\$405,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI100319	BIOLOGICAL CONSEQUENCES OF A LYMPHOMA -ASSOCIATED MUTATION IN EZH2 IN MICE	\$236,875
2012	SCRIPPS RESEARCH INSTITUTE	CA	P01AI099783	RNA directed silencing and excision of HIV-1 and CCR5	\$1,630,128

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2012	UNIVERSITY OF CALIFORNIA	CA	R56AI091893	Role of Helicobacter Pylori in the Pathogenesis of Childhood Asthma	\$389,515
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI099778	DISRUPTION OF HOST-SEEKING BEHAVIOR IN ANOPHELES GAMBIAE MOSQUITOES USING ODORANT	\$359,769
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI076544	THE IDENTIFICATION OF RISK FACTORS FOR THE COMPLEX MS PHENOTYPE	\$641,698
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$229,911
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$429,571
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$450,626
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$464,322
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$386,250
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$387,188
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$706,835
2012	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$480,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of temporal gene regulation in Chlamydia	\$374,297
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Molecular and Force Dynamics: Leukocyte Adhesion Molecules	\$391,703
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$473,750
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$645,587
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$338,835
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$473,750
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$452,225
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$473,542
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI078048	COUNTERMEASURES FOR BIOTERRORISM TARGETING CELLULAR HOST FACTORS	\$837,768
2012	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI104309	HOME: A Comprehensive HIV Testing and Linkage Package for Young MSM of Color	\$569,478
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077822	NOVEL THERAPEUTICS FOR CLASS B PROTOZOA	\$1,371,646
2012	STANFORD UNIVERSITY	CA	K08AI079406	NOVEL ANTIVIRAL TARGETS IN HEPATITIS C VIRUS NS4B PROTEIN	\$130,599
2012	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$622,828
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087746	Cyclophilins, Cyclophilin Inhibitors and Hepatitis C	\$470,003
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI082629	YEAST-BASED HTS ASSAY TECHNOLOGIES FOR PROTEASES	\$467,998
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080564	IFN-A AND PDC IN HIV INFECTION: IMPACT ON T CELL DEVELOPMENT AND RECONSTITUTION	\$344,226

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2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI076558	ORALLY ACTIVE NUCLEOSIDE PHOSPHONATES FOR HEPATITIS C VIRUS	\$545,533
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$401,841
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI075164	MODULATION OF T CELL RESPONSES WITH CYTOKINES	\$270,621
2012	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	\$393,869
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI078272	MECHANISMS OF PROTEIN UBIQUITINATION IN REGULATING AIRWAY INFLAMMATION	\$403,557
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$495,372
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI083784	BINATIONAL TRANSMISSION OF MULTIDRUG-RESISTANT TUBERCULOSIS, CALIFORNIA & MEXICO	\$121,770
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078806	THE ROLE OF CD4 IN MACROPHAGE DIFFERENTIATION AND FUNCTION	\$377,339
2012	STANFORD UNIVERSITY	CA	R01AI078947	CHEMICALLY MAPPING MALARIAL RUPTURE PROTEASES	\$393,897
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI085583	POLYPEPTIDE DESIGN WITH PROTEOMIC SCOPE VIA MICROFLUIDIC MRNA DISPLAY	\$475,539
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI081161	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NOVEL MYCOBACTERIAL HEME UPTAKE	\$330,148
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI088886	2010 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$7,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077661	INTESTINAL PHYSIOLOGY IN THE HOST RESPONSE TO ENTERIC SALMONELLA INFECTIONS	\$499,213
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083358	Skin Microbiome in epidermal immune defense	\$382,388
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$325,006
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	\$128,250
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077644	Chemical Strategies to Manipulate A1-2 Signaling in Bacterial Pathogens	\$470,003
2012	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$1,003,228
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$39
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda	\$1,998,718
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$301,130
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$387,292

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2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$423,002
2012	OAK CREST INSTITUTE OF SCIENCE	CA	R33AI079791	Intravaginal ring microbicide formulations comprising multiple anti-HIV agents	\$457,808
2012	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI087164	Gene expression biomarkers of immune recovery in HIV infected patients	\$350,460
2012	J DAVID GLADSTONE INSTITUTES	CA	R01AI081651	Role of Tat and SIRT1 in the T-cell Hyperactivation Syndrome Induced by HIV-1	\$472,725
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI091967	Virulence Mechanisms of Viral Bcl-2 Homologs	\$477,500
2012	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI094534	HYDRA AS AN ANTIVIRAL INNATE IMMUNITY MODEL SYSTEM	\$186,875
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	\$347,625
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	UM1AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$1,734,887
2012	STANFORD UNIVERSITY	CA	R01AI095396	Molecular Mechanisms of Inflammasome Activation During Salmonella Infections	\$366,245
2012	DETON CORP	CA	R43AI102418	COUGH COLLECTION AS A REPLACEMENT FOR SPUTUM SAMPLES FOR DIAGNOSING TUBERCULOSIS	\$300,000
2012	STANFORD UNIVERSITY	CA	F31AI094869	IMMUNOMODULATORY ROLES OF AMYLOID-BETA AND AMYLOID PRECURSOR PROTEIN IN CNS AUTOI	\$32,327
2012	STANFORD UNIVERSITY	CA	K23AI104401	Improving Kidney Transplant Outcomes Using Novel B-cell Immune Profiling	\$131,664
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069436	UZ-UCSF CTU	\$4,083,626
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI093653	Rickettsial Immunity During Tick Transmission	\$352,446
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$512,517
2012	SCRIPPS RESEARCH INSTITUTE	CA	R33AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$568,271
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	UM1AI069432	The UCSD CD4 Collaborative Clinical Trial Unit	\$2,919,144
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$768,305
2012	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI096908	ORIGAMI MALE CONDOM-3: FEASIBILITY & ACCEPTABILITY STUDY, PHASE 1 CLINICAL RESEAR	\$294,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI098602	Selecting HIV recombination libraries for stable Env trimer immunogens	\$525,760
2012	ARISAN THERAPEUTICS INC	CA	R43AI093035	DEVELOPMENT OF NOVEL BROAD-SPECTRUM INFLUENZA A INHIBITORS	\$222,059
2012	TRELLIS BIOSCIENCE LLC	CA	R43AI096625	THERAPEUTIC ANTIBODIES FOR BACTERIA	\$293,358

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2012	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,500
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI100685	Targeting HIV Capsid Assembly	\$495,000
2012	IMMPORT THERAPEUTICS INC	CA	R43AI102288	INTEGRATED MICROFLUIDIC PLATFORM FOR POINT-OF-CARE SERODIAGNOSTICS	\$300,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI101057	Guide RNA Binding Complex	\$383,542
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI093768	Determining the Impact of SREBP on Adaptive Immunity	\$385,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,703,241
2012	AMICROBE INC	CA	R43AI094889	ANTIMICROBIAL HYDROGELS FOR PREVENTION OF SURGICAL SITE INFECTIONS (SSIS)	\$161,000
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI099747	HOST IRON AVAILABILITY IN THE PATHOGENESIS OF ENTEROPATHOGENIC YERSINIA	\$222,011
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI093687	Apoptotic Cell-Induced Macrophage Signaling Pathways that Regulate Phagocytosis	\$473,750
2012	AMUNIX INC	CA	R43AI102765	XTENYLATION OF ENFUVIRTIDE TO GENERATE A BIO-BETTER PRODUCT WITH IMPROVED DOSING	\$157,550
2012	IMMPORT THERAPEUTICS INC	CA	R44AI066791	Protective biomarkers for the development of vaccines against malaria	\$781,909
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI102370	Assessment of cytokines in human islets from patients with diabetes	\$447,650
2012	TRELLIS BIOSCIENCE LLC	CA	R44AI102396	Therapeutic Antibodies for CMV	\$299,943
2012	EPITOGENESIS, INC.	CA	R41AI096706	A novel vaccine against vaginal Chlamydia trachomatis	\$300,000
2012	HUMBOLDT STATE UNIVERSITY SPONSORED PROGRAMS FOUNDATION	CA	R15AI099902	Symbiotic Rickettsia Species as a Model System for the Study of Folate Biosynthes	\$353,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100272	Cryptococcus neoformans Gene Knockout Resource	\$638,657
2012	MAPP BIOPHARMACEUTICAL INC	CA	R43AI102395	A MONOCLONAL COCKTAIL FOR CDI	\$299,986
2012	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R44AI068239	An Orally Delivered Booster Vaccine Candidate for Hepatitis B	\$943,211
2012	SCRIPPS RESEARCH INSTITUTE	CA	U19AI100627	Systems Approach to Immunity and Inflammation	\$6,357,746
2012	UNIVERSITY OF CALIFORNIA	CA	R56AI049342	PREVENTION OF PRIMARY HCMV INFECTION BY VACCINATING AGAINST HCMV-ENCODED IL-10	\$400,740
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI100949	Immunologic consequences of highly effective antimalarial chemoprevention	\$131,490
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI098304	FOLLICULAR DENDRITIC CELLS AND B CELL TOLERANCE	\$292,500
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI101423	THE ROLE OF TRAIL IN IMMUNE CONTROL OF CYTOMEGALOVIRUS	\$435,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI096963	THE HAIR TRIGGER STUDY	\$188,285
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$112,546
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI070043	Statistical Methods to Study the Impact of HIV Interventions	\$306,874
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI100638	Mechanistic Studies of HIV-exposed Seronegative Individuals	\$361,695
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI093815	HMGB1-DERIVED PEPTIDES AS VACCINE ADJUVANTS	\$290,625
2012	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R56AI097626	FECAL PHAGE: EXPOSING UNKNOWN IN THE DARK MATTER OF THE HUMAN GUT	\$381,688
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$372,659
2012	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$464,225
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$323,795
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070845	INOSITOL-TRISPHOSPHATE KINASE B (ITPKB) IN T CELL DEVELOPMENT AND FUNCTION	\$544,412
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI072581	THE P62/ATYPICAL PKC SIGNALING COMPLEX IN TH2 DIFFERENTIATION AND ASTHMA	\$467,998
2012	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI014032	Pathogenesis and Treatment of Experimental Peritonitis	\$356,400
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI026815	MOUSE MODEL OF LYME BORRELIOSIS	\$372,438
2012	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$625,125
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$386,250
2012	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$438,199
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$411,649
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$473,750
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$454,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$687,020
2012	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$2,815,441
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$369,115
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$647,523
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$410,850
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$409,061
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$1,754,980

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2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$439,135
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$116,589
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$86,962
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$274,687
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI074810	EMERGENCE OF HUMAN MONKEYPOX IN CENTRAL AFRICA	\$121,770
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076614	TRANSLATIONAL STUDIES OF PLASMODIUM FALCIPARUM INFECTION DYNAMICS	\$121,770
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U19AI083025	HOST-PATHOGEN COMPETITION IN IFN MEDIATED ANTIVIRAL DEFENSE	\$1,936,252
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI076246	HOST INTERACTIONS OF SALMONELLA TYPHIMURIUM	\$507,511
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$381,538
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095125	The chemical and genetic basis of interspecies interactions	\$593,899
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI079192	INTRACELLULAR LIFESTYLE OF PSEUDOMONAS AERUGINOSA	\$376,113
2012	STANFORD UNIVERSITY	CA	R01AI073724	MICRORNAS AS T CELL SENSITIVITY RHEOSTATS	\$397,163
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	\$437,125
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$721,289
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083083	HIV-1 Nef's Role in Pathogenesis in vivo	\$377,339
2012	LAWRENCE BERKELEY LABORATORY	CA	R01AI082376	PAN GENOMIC DISCOVERY OF GENES TOXIC TO BACTERIA	\$394,568
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI081754	POPULATION DYNAMICS AN EVOLUTIONARY CAPACITY OF VIRAL QUASISPECIES	\$10,798
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	\$336,175
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071084	PROBING THE ANTIBODY RESPONSE TO HCV TO FACILITATE RATIONAL IMMUNOGEN DESIGN	\$621,118
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$697,822
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$322,788
2012	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$392,329

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2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084109	INTERRUPTION OF MATERNAL-FETAL TRANSMISSION OF HIV	\$715,530
2012	MAPP BIOPHARMACEUTICAL INC	CA	R44AI072915	A MONOCLONAL ANTIBODY IMMUNOPROTECTANT FOR EBOLA VIRUS	\$980,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087470	C5a as an Anti-HIV Microbicidal Candidate	\$470,003
2012	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI076899	Rapid detection of diagnostic chemokines	\$357,285
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$376,129
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081982	STRUCTURE DRIVEN ANALYSIS OF EBOLA VIRUS RECEPTOR BINDING SITE	\$654,731
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$440,625
2012	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	\$841,972
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI080938	OX40/OX40L interactions in allergen-induced airway inflammation and remodeling	\$132,300
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$463,515
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	\$6,511,956
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$387,188
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI085077	Understanding the Role of Nucleosome Turnover in the Malaria Parasite	\$394,231
2012	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI093981	Novel Mucosa-homing Dendritic Cell: Development, Trafficking and Function	\$347,500
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$67,588
2012	ARIDIS PHARMACEUTICALS LLC	CA	R42AI072866	HUMAN MONOCLONAL ANTIBODY TO TREAT P. AERUGINOSA INFECTIONS IN CYSTIC FIBROSIS	\$980,000
2012	EIGER GROUP INTERNATIONAL INC	CA	R42AI088793	ADVANCING CLEMIZOLE FOR HEPATITIS C: TOWARDS A PRE-IND PACKAGE--PHASE II	\$1,000,000
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI090504	MHC RESTRICTION AND ANTIGEN CHARACTERIZATION OF MUCOSAL CD8AA TCRAB IEL	\$227,250
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI095823	IDENTIFICATION OF SKIN GAMMA DELTA T CELL ANTIGENS	\$236,875
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI097005	SPUTUM M. TUBERCULOSIS DNA KINETICS DURING TB TREATMENT IN PATIENTS WITH HIV	\$73,430
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI097629	Vaccine-mediated Targeting of Viral IL10 to Control HCMV Shedding and Reinfection	\$624,587
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI098652	TRANSCRIPTOMICS AND POPULATION GENETICS OF MOSQUITO RESISTANCE TO PYRETHROIDS	\$230,000

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2012	CALIFORNIA STATE UNIVERSITY FOUNDATION, FRESNO	CA	R15AI101919	UNDERSTANDING OF A FAMILY OF BACTERIAL TRANSCRIPTION FACTORS	\$415,200
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$410,000
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI098973	ELECTROSTATIC FORCES AND M CELL UPTAKE AT MUCOSAL SURFACES	\$228,000
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094666	MOBILE PHONE ADHERENCE & PREVENTION SUPPORT FOR PEOPLE LIVING WITH HIV IN INDIA	\$180,003
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$405,000
2012	UNIVERSITY OF CALIFORNIA	CA	R21AI092480	RMPA, A UNIQUE VIRULENCE REGULATOR IN EMERGING KLEBSIELLA PNEUMONIAE	\$192,396
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100880	The 3D-Structures of the Pre-Pro-B and Pro-B Cell Genomes	\$377,566
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI102494	2012 INTERNATIONAL CONFERENCE ON ANAEROBIC PARASITES (ICAP)	\$10,000
2012	MOLECULAR EXPRESS, INC	CA	R43AI094770	FORMULATION OF TLR 3, 7, AND 8 AGONISTS IN CONJUGATABLE ADJUVANT LIPID VESICLES	\$207,539
2012	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI095990	TYK2 INHIBITORS FOR TREATMENT OF SEPSIS	\$238,035
2012	SIXAL INC	CA	R43AI102279	Targeting surface-bound IgE as a novel allergy therapeutic	\$200,000
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R03AI098594	NUCLEAR EXPORT OF THE HIV GENOME: A MOLECULAR DYNAMICS STUDY OF THE INTERACTIONS	\$76,750
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097380	Pharmacodynamic modeling of antibiotics on cystic fibrosis P. aeruginosa biofilms	\$402,998
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094333	HOST-SPECIFIC CELL SURFACE RECEPTORS ON AFRICAN TRYPANOSOMES	\$231,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R34AI095135	"DONOR-SPECIFIC REGULATORY T CELL THERAPY IN LIVER TRANSPLANTATION"	\$246,373
2012	WAVE 80 BIOSCIENCES INC	CA	R43AI100426	QUANTITATION AND GENOTYPING OF HCV RNA BY TIME RESOLVED LANTHANIDE LUMINESCENCE	\$300,000
2012	STANFORD UNIVERSITY	CA	R01AI102546	Varicella zoster virus: molecular controls of cell fusion-dependent pathogenesis	\$392,700
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI096084	FUNCTIONAL EVOLUTION OF CHROMOSOMAL INVERSIONS IN ANOPHELES ARABIENSIS	\$227,625
2012	CEDARS-SINAI MEDICAL CENTER	CA	R21AI097741	IMPACT OF ANTIBIOTICS AND PBP2A ON THE IMMUNOPATHOLOGY OF MRSA PNEUMONIA	\$206,250
2012	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI096042	Regulation of Th17 cells by the Fyn Tyrosine Kinase	\$270,094
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI095916	Predicting naturally acquired humoral immunity against malaria	\$383,277

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2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R00AI093679	THE MECHANISMS OF IFITM-MEDIATED RESTRICTION	\$248,992
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$464,322
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI100765	IDO-INDUCED TRYPTOPHAN CATABOLISM AND MORTALITY IN TREATED HIV-INFECTED AFRICANS	\$449,947
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI100776	Natural Products for Treatment of Emergent AIDS-Related Pathogens	\$387,119
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$4,146,197
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell Surface Protein Anchoring and Function in Gram-Positive Bacteria	\$376,166
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$542,527
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$369,889
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI056324	NLR FAMILY PROTEINS: MECHANISMS AND REGULATION	\$467,998
2012	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$405,289
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$133,342
2012	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$313,632
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5 noncoding region functions	\$361,402
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$365,057
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$377,882
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$435,000
2012	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$409,571
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$144,347
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U19AI100275	LIAI Epitope Validation Center: Characterization of Allergen specific T Cells	\$1,459,083
2012	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$506,880
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$423,002
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$480,558
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$348,873
2012	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$461,806
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$1,907,421

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2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$349,664
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$379,913
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$380,000
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$375,360
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,318,850
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$383,545
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$9,217,159
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$446,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$548,991
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$473,750
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI070803	MODULATION OF OUTER MEMBRANE PROTEIN EXPRESSIN IN HELICOBACTER PYLORI	\$494,509
2012	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$161,569
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$454,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$1,408,915
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$124,010
2012	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$125,538
2012	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$374,398
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$377,339
2012	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$684,752
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI075164	MODULATION OF T CELL RESPONSES WITH CYTOKINES	\$182,164
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$440,310
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI081719	ACTIVATED TARGETED KILLER (ATAK) CELLS FOR INVASIVE FUNGAL INFECTIONS	\$349,285
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$403,557

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2012	LA JOLLA BIOENGINEERING INSTITUTE	CA	R01AI082610	NITRIC OXIDE RESTORATION & HEME DETOXIFICATION AS ADJUNCTIVE THERAPIES FOR CEREBR	\$403,704
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$498,485
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	\$639,618
2012	STANFORD UNIVERSITY	CA	R01AI085024	GENE AND CYTOKINE EXPRESSION IN TOLERANCE AND GVHD	\$392,040
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI082263	AN ENGINEERED MENINGOCOCCAL OMV VACCINE FOR AFRICA AGAINST ALL CAPSULAR GROUPS	\$650,640
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089498	Analysis of immunotherapeutics to native Marburg virus epitopes	\$575,523
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI094251	Improving Early Identification of Drug Resistant Tuberculosis in HIV Prevalent Se	\$125,010
2012	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R21AI094508	THERMOSTABLE VAGINAL PROBIOTIC MICROBICIDE	\$305,320
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI098078	Pathogenesis of Salmonella bacteremia	\$365,165
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$1,146,150
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	UM1AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$6,132,107
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI098472	Plugging Hair ARV Levels as Adherence Biomarkers into HIV Prevention Trials	\$333,847
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$382,500
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI047868	Divergence of Phagocytic and Antimicrobial Programs in Leprosy	\$493,167
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$191,875
2012	STANFORD UNIVERSITY	CA	R21AI102260	INHIBITING CELLULAR AUTOPHAGY TO THWART DENGUE VIRUS PACKAGING AND REPLICATION	\$235,653
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI085961	IDENTIFICATION OF FACTORS CONTRIBUTING TO GROUP BEHAVIOR IN AFRICAN TRYPANOSOMES	\$34,299
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092525	IKKA-DEPENDENT NEGATIVE FEEDBACK CONTROL OF NON-CANONICAL NF-KB ACTIVATION	\$186,939
2012	ARISAN THERAPEUTICS INC	CA	R43AI096830	IDENTIFICATION OF NOVEL INFLUENZA ANTIVIRALS	\$233,415
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$994,866
2012	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$562,213

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	DIACARTA LLC	CA	R43AI098330	FGF-P TO TREAT POST-IRRADIATION GI SYNDROME	\$297,846
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI096158	TB GUIDLINE OBSERVATION AND ADHERENCE IN LOW INCOME COUNTRIES (TB GOAL)	\$201,377
2012	TUNITAS THERAPEUTICS INC	CA	R43AI092914	A HUMAN FC BIFUNCTIONAL FUSION PROTEIN TO TREAT SEVERE ALLERGIC ASTHMA	\$143,494
2012	LAWRENCE LIVERMORE NATIONAL LABORATORY	CA	R01AI093500	MULTIPLICED DIAGNOSTIC AND CYTOKINE RESPONSE ASSAYS UTILIZING THE NCOUNTER PLATFO	\$874,477
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI085607	DETERMINANTS OF PROTECTION AND ENHANCEMENT OF DENGUE INFECTION/DISEASE IN VIVO	\$373,412
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants	\$668,177
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$379,262
2012	STANFORD UNIVERSITY	CA	R01AI100121	Transitional and Naive CD4 T cells and B cells in Infant Vaccine Responses	\$387,420
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI099659	THE CANDIDA ALBICANS COMMENSAL PROGRAM	\$193,125
2012	INVESTIGEN INC	CA	R43AI100443	INEXPENSIVE MULTIPLICED LIGATION PROBE ASSAY TO GENOTYPE DRUG RESISTANT M.TUBBERC	\$248,027
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101714	A NOVEL PROTEOMIC APPROACH TO TB BIOMARKER DISCOVERY USING HUMAN EXOSOMES	\$222,750
2012	UNIVERSITY OF CALIFORNIA	CA	F31AI100589	Endogenous insulin-like peptides and control of malaria infection in the mosquito	\$35,700
2012	THERAVANCE INC	CA	R41AI102507	REDESIGN OF THE CARBAPENEM SCAFFOLD	\$154,300
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095277	Regulation and Function of Polarity and Asymmetric Cell Division in Immunity	\$369,853
2012	ADAMAS PHARMACEUTICALS INC	CA	R21AI102188	COMBINATIONS OF FDA-APPROVED HOST-TARGETED DRUGS WITH BROAD ANTIVIRAL ACTIVITY	\$337,544
2012	STANFORD UNIVERSITY	CA	F32AI098584	Asymptomatic Cryptococcal Antigenemia in HIV-Infected Patients in the United Stat	\$66,530
2012	RETROVIROX INC	CA	R43AI100778	INHIBITORS OF HIV-INDUCED DOWNREGULATION OF HLA CLASS I	\$300,000
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI102771	HIV-INDUCED IMMUNE ACTIVATION IMPAIRS IMMUNE RECONSTITUTION THROUGH S1P	\$223,006
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI100652	Genetic protection of hematopoietic stem cells for stable HIV control	\$385,000
2012	PROSETTA ANTIVIRAL INC	CA	R21AI101276	Advancement of Novel Small Molecules for Treatment of Rabies	\$330,748

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2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI096838	Diversity-Generation and Variable Protein Displays in Pathogens and Phage	\$528,191
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI102527	INFLAMMATION IN INNATE AND ADAPTIVE IMMUNE MECHANISMS	\$6,200
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI101189	PRE-EXPOSURE PROPHYLAXIS AGAINST FRANCISELLA TULARENSIS	\$709,102
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI103385	HIV INFECTION OF HEMATOPOIETIC STEM/PROGENITOR CELLS (HSPC) IN BONE MARROW	\$462,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI101722	NATURAL PRODUCTS FROM A HUMAN-ASSOCIATED FUNGAL PATHOGEN	\$234,750
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095587	Host-Pathogen interactions between Salmonella and Toll-like receptors	\$350,363
2012	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	UM1AI069496	San Francisco Bay Clinical Trials Unit	\$1,374,560
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R56AI101368	TNF SIGNALING IN THE ABSENCE OF FUNCTIONAL TNF RECEPTORS.	\$420,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI036964	EPITHELIAL T CELL SECRETION OF TISSUE SPECIFIC CYTOKINES	\$417,891
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$298,467
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$504,976
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$463,367
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$386,106
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$410,573
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$372,403
2012	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$396,676
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$667,403
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$386,250
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$454,500
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$399,123
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$330,671
2012	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$306,710
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$287,690
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$386,250
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$386,771

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2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$435,000
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$503,483
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$4,009,419
2012	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$488,104
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$1,286,536
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077989	PROTECTION AGAINST INHALATION ANTHRAX WITH INACTIVATED SPORES	\$1,017,835
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$442,625
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$316,123
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$322,325
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$467,908
2012	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$641,845
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$214,410
2012	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI083060	PREVENTION UMBRELLA FOR MSM IN THE AMERICAS	\$610,604
2012	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$436,634
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$367,469
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$302,851
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	\$373,947
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI085568	LONG-LIVED B CELL IMMUNITY IN THE RESPIRATORY TRACT	\$376,004
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI085042	Maternal and fetal immune responses to in utero HSC transplantation	\$125,010
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI078248	Inherited Disorders of Lymphocyte Development	\$382,388
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091100	MECHANISM OF INNATE IMMUNE RECOGNITION OF CYCLIC-DI-GMP	\$53,942
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$382,388
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI093163	Molecular Epidemiology of HIV-1 in the California-Mexico Border Region	\$128,928
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091412	DEVELOPMENT OF NOVEL TOPOISOMERASE AND REPLICATION INITIATOR ASSAYS	\$371,598
2012	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$503,560

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2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083113	HCV resolution correlates with patterned KIR expressions on lymphocytes.	\$402,932
2012	STANFORD UNIVERSITY	CA	R37AI036929	Actin-Based Motility of a Bacterial Pathogen	\$305,706
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI090656	BROADLY REACTIVE ANTIBODIES AGAINST CHIMERIC VIRUS-HOST ANTIGENS	\$492,717
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$382,388
2012	STANFORD UNIVERSITY	CA	R01AI093625	LEUKOCYTE SIGNALING IN THE ELDERLY AND VACCINE IMMUNOGENICITY	\$396,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI100665	Mentoring Translational Research in HIV	\$183,243
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI085028	MICROBIOME ANALYSIS OF HUMAN ORAL BACTERIOPHAGE COMMUNITIES	\$132,786
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhea among young people: Implication for prevention	\$123,226
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$706,414
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R21AI088481	RASCAL: A NEW TROPISM DETERMINANT ENCODED BY HUMAN CYTOMEGALOVIRUS?	\$202,500
2012	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$435,131
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$386,250
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092182	DEVELOPING A NOVEL PLAGUE ANTIBIOTIC BY TARGETING PROTEIN SECRETION	\$236,875
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI094169	TITLE: ROLE OF HEPARAN SULFATE IN B-CELL RESPONSES	\$215,359
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI095831	LYMPHOID SIGNALS FOR STROMAL GROWTH AND ORGANIZATION IN THE THYMUS.	\$247,500
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$1,157,323
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	\$722,403
2012	STANFORD UNIVERSITY	CA	R21AI095813	IMMUNOGLOBULIN AS A NOVEL LIGAND FOR HLA-DM	\$197,500
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI097061	Analysis of HIV/HCV Sexual Transmission Pairs Using Ultra-Deep Sequencing	\$232,188
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI096278	CHARACTERIZATION OF IL36, A NOVEL CYTOKINE	\$183,144
2012	STANFORD UNIVERSITY	CA	R01AI099245	The PIP2-virus interface and PI 4-kinase: novel biology and validation targets	\$1,127,800
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R03AI094211	REPORTING IL-17 IN TYPE 1 DIABETES	\$95,500
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R33AI079775	Iron Starvation: A novel strategy for HIV and Chlamydia microbicides	\$387,446
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI099206	Chemical-genetic functional annotation of the genome of a meningitis pathogen	\$449,515

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2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$405,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI102715	The impact of antibody and pH on female-to-male SIV infection	\$682,061
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI095514	Olfactory protein-based screening of oviposition attractants for Culex mosquitoes	\$397,486
2012	CEDARS-SINAI MEDICAL CENTER	CA	R21AI093941	ROLE OF LYMPHOID DCS IN HSV-1 LATENCY	\$206,250
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI100082	Layering of the human immune system, viral infections, and childhood asthma	\$328,080
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI098843	Multiplex diagnostic for biothreat C. psittaci & non-threat respiratory pathogens	\$1,246,735
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI094433	CHEMICAL METHODS FOR FERROUS IRON TARGETED DRUG DELIVERY	\$235,063
2012	AMPLYX PHARMACEUTICALS INC	CA	R43AI098300	A STRUCTURAL APPROACH FOR TREATING DRUG RESISTANT FUNGAL PATHOGENS	\$258,144
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$383,750
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI099190	Dissecting triazole resistance and transcriptional regulation of ergosterol homeo	\$632,123
2012	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	F32AI098418	Developing Hydra as a Model Organism for Viral Symbioses	\$56,642
2012	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI098658	COMBINATION THERAPY USING AN INNOVATIVE BIOADHESIVE POLYMERIC TRANSMUCOSAL DELIVE	\$282,938
2012	CLAREMONT BIOSOLUTIONS LLC	CA	R44AI078619	A fully integrated assay and platform for detecting Clostridium difficile.	\$1,000,000
2012	TOURO UNIVERSITY	CA	R03AI099584	ADAPTATION OF A NOVEL RNA VIRUS FOR VACCINE USE	\$72,350
2012	J DAVID GLADSTONE INSTITUTES	CA	R21AI102782	HIV-INDUCED CD4 T-CELL DEPLETION: AN INNATE HOST DEFENSE GONE AWRY	\$328,475
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI098799	MALTODEXTRIN BASED ANTIBIOTICS	\$245,252
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI101692	ANALYSIS OF THE IMMUNOLOGICAL ROLE OF PHOSPHOLIPASE D4	\$379,000
2012	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$147,224
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$522,558
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI094756	MECHANISMS OF INTESTINAL INFLAMMATION - ASSOCIATED SYSTEMIC GENOTOXICITY	\$378,400
2012	SCRIPPS RESEARCH INSTITUTE	CA	R56AI094348	STUDIES OF BACTERIAL AUTOINDUCERS:RECOGNITION AND MODULATION OF HOST PROCESSES	\$379,000
2012	CEDARS-SINAI MEDICAL CENTER	CA	R56AI067995	INNATE IMMUNITY AND HOST RESPONSES IN PATHOGENESIS OF CHLAMYDIA PNEUMONIAE	\$412,500

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2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI101130	HCMV INFECTION OF HUMAN PLACENTAL TROPHOBLAST AND HEMATOPOIETIC PROGENITORS	\$546,028
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI102825	HIV CURE WITH CCR5 (-) HUMAN IPS HEMATOPOIETIC STEM CELLS	\$518,244
2012	SCRIPPS RESEARCH INSTITUTE	CA	R56AI027028	CYTOTOXIC T CELL RESPONSES TO VIRUS INFECTION	\$473,750
2012	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$398,166
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076670	CERVICAL MATURITY, MUCOSAL IMMUNITY, AND CHLAMYDIA TRACHOMATIS INFECTION	\$124,200
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$371,695
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072115	SIGLEC-F AND RESOLUTION OF ALLERGIC INFLAMMATION	\$340,708
2012	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$391,459
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$365,915
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$670,826
2012	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$388,819
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$1,234,725
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$447,205
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI043203	HIV-1 ESCAPE FROM INHIBITION BY CYTOTOXIC T LYMPHOCYTES	\$403,787
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$467,998
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$369,988
2012	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$322,856
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$387,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI021786	REGULATION OF THE DEVELOPMENT OF TRYPANOSOMA BRUCEI	\$382,388
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,293,407
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI055607	PERSISTENCE OF WEST NILE VIRUS IN CALIFORNIA	\$547,721
2012	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$626,728
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$450,589

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2012	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$396,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$124,958
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$464,322
2012	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$378,663
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$500,443
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$391,458
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$384,409
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$472,725
2012	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$133,910
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$443,226
2012	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$415,000
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$416,568
2012	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$953,142
2012	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$393,265
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080715	BACTERIAL QUORUM SENSING AS TARGET FOR ANTI-INFECTIVE IMMUNOTHERAPY	\$465,302
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$699,474
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$638,394
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI084544	EARLY MORTALITY IN HIV INFECTED PATIENTS STARTING ANTIRETROVIRAL THERAPY IN AFRIC	\$123,710
2012	STANFORD UNIVERSITY	CA	R01AI083628	DEAF1 ISOFORMS CONTROL CHANGES IN PTA EXPRESSION IN THE NOD PLN DURING T1D PATHOG	\$396,431
2012	STANFORD UNIVERSITY	CA	K08AI080945	PROTEOMIC ANALYSES OF PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS	\$130,761
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080778	PATHOGENESIS OF LUPUS DERMATITIS	\$524,985
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$340,808
2012	UNIVERSITY OF CALIFORNIA	CA	T32AI074550	TRAINING PROGRAM IN THE BIOLOGY OF DISEASE VECTORS	\$192,069

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2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079665	TARGETING THE PROCESSING OF THE ARENAVIRUS GLYCOPROTEIN FOR ANTI-VIRAL THERAPY.	\$465,302
2012	LOMA LINDA UNIVERSITY	CA	R01AI090659	HIGHLY INNOVATIVE TACTICS TO INTERRUPT TRANSMISSION OF HIV (HIT-IT)	\$556,849
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$595,888
2012	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	P01AI090935	Global innate immune responses to HIV-1 infection	\$4,110,926
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI080931	Chemical Studies in Bacterial Cell Biology	\$367,091
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	\$462,854
2012	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reprtoire Characterization in Celiac Disease	\$312,280
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI087674	Mechanisms of PVL-induced Acute Lung Injury	\$428,283
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI100229	HYBRID INTEGRATED MOLECULAR ANALYSIS (HIMAS) FOR POINT-OF-CARE DIAGNOSTICS	\$257,803
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	\$375,092
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$428,777
2012	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$133,191
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI098070	NOVEL RHOPTRY EFFECTOR PROTEINS IN TOXOPLASMA HOST-PATHOGEN INTERACTION	\$231,000
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI060040	Antigen processing in the secretory pathway	\$376,822
2012	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	\$3,087,546
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI100807	Immunosuppression Withdrawal for Stable Pediatric Liver Transplant Recipients	\$1,985,332
2012	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$421,390
2012	STANFORD UNIVERSITY	CA	R01AI089722	Innate Immune Recognition of Intracellular Salmonella	\$399,721
2012	PLANET BIOTECHNOLOGY INC	CA	R01AI098844	Final preclinical development of an immunoadhesin therapy for inhalation anthrax	\$1,230,830
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI091911	MECHANISM OF IMMUNE REGULATION BY CD11B+ MYELOID CELLS IN THE INTESTINE	\$267,600
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093640	Molecular dissection of Histoplasma-induced host-cell death	\$378,493
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI101012	Evaluating Re-active Surveillance Strategies for Malaria Elimination in Swaziland	\$131,490
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methytransferases	\$334,808
2012	UNIVERSITY OF CALIFORNIA	CA	R21AI097107	CYTOSOLIC SENSING OF INTRACELLULAR BRUCELLA INFECTION	\$230,688
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI101569	A NEW CLASS OF IMMUNOMODULATOR, CRAC CHANNEL BLOCKERS	\$192,500

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2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI093135	HIV NEUTRALIZING ANTIBODIES INDUCED BY CHEMICALLY MODIFIED MPR EPITOPES	\$231,750
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R21AI098836	DISCOVERY AND DEVELOPMENT OF BIOFILM INHIBITORS THAT TARGET C-DI-GMP SIGNALING	\$214,375
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI093948	Global protein palmitoylation and DHHC proteins in T cell activation and anergy	\$446,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI097835	C3 TUMOR ASSOCIATED CARBOHYDRATE ANTIGEN BIOCONJUGATES	\$284,250
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI099959	Reducing Failure-to-Initiate ART: Streamlined ART Start Strategy (START)	\$963,332
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI091656	Structural and functional studies of M. tuberculosis type VII secretion	\$129,060
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$500,647
2012	STANFORD UNIVERSITY	CA	R21AI102277	DEVELOPMENT OF GENETIC TOOLS IN ENTAMOEBIA HISTOLYTICA	\$235,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI096869	Regulation of Virulence of Cryptococcus neoformans	\$386,250
2012	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI100790	Rescue of broadly neutralizing mAbs using native trimer	\$455,000
2012	CYTOBANK INC	CA	R43AI094929	SECURE WEB-BASED FLOW CYTOMETRY IN CLINICAL USE AND TRANSLATIONAL RESEARCH	\$268,481
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F32AI094750	Trypanosome surface protein targeting and function at the host-parasite interface	\$52,190
2012	REMPEX PHARMACEUTICALS INC	CA	R21AI098689	MOLECULAR ARCHAEOLOGY: VINTAGE BETA LACTAMS FOR RESISTANT GRAM NEGATIVE INFECTIO	\$215,615
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI101888	Organ-specific NRF2-mediated protein signatures of radiation exposure & tissue da	\$385,000
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI095921	SEXUAL DIMORPHISM AND DYSREGULATED IMMUNE RESPONSES IN SLE: THE ROLE OF LEPTIN	\$192,500
2012	SORRENTO THERAPEUTICS INC	CA	R42AI098182	Human monoclonal antibodies for prevention of S. aureus infections	\$300,000
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R13AI096804	REQUEST FOR SUPPORT FOR THE SECOND INTERNATIONAL SYMPOSIUM: FACING THE CHALLENGES	\$5,000
2012	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R13AI102493	CMV 2012 - COMBINED 4TH CONGENITAL CYTOMEGALOVIRUS CONFERENCE AND 14TH INTERNATIO	\$13,000
2012	PANORAMA RESEARCH, INC	CA	R43AI098320	HETERO-DIMERIZATION-ACTIVATED ANTIBODIES	\$295,502
2012	MAPP BIOPHARMACEUTICAL INC	CA	R01AI098774	An Antibody Immunoprotectant for Category B Toxins	\$1,172,246

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2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101561	GP130 SIGNALING DURING CHRONIC VIRUS INFECTION	\$232,500
2012	LIVERMORE INSTRUMENTS INC	CA	R43AI098335	REAL-TIME REAGENT-FREE NONINVASIVE DIAGNOSIS OF TUBERCULOSIS	\$296,056
2012	PAXVAX INC	CA	R44AI091546	Oral, replicating Ad4-HIV vaccine development & evaluation in NHP challenge model	\$1,000,000
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI101687	SYNTHETIC FABS FOR CRYSTALLIZATION OF CHEMOKINE:RECEPTOR COMPLEXES	\$232,500
2012	NESHER TECHNOLOGIES INC	CA	R43AI094980	FAST ACCURATE ULTRASENSITIVE IN VITRO ASSAY TO DETERMINE BONT POTENCY & STABILITY	\$119,532
2012	VLP BIOTECH INC	CA	R44AI088919	A Therapeutic Vaccine for Chronic Hepatitis B	\$926,325
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI101751	IMMUNE SURVEILLANCE VIA NON-CLASSICAL MHC CLASS IB MOLECULES	\$230,250
2012	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R33AI084714	Stabalizing HIV-1 Trimers by Linking gp120 Subunits	\$317,000
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069424	UCLA AIDS Prevention and Treatment Clinical Trials Unit	\$4,216,430
2012	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI102584	VIBRIO CHOLERAЕ C-DIGMP SIGNALING: MOTILE TO BIOFILM TRANSITION AND TRANSMISSION	\$608,330
2012	UNIVERSITY OF CALIFORNIA	CA	R56AI095382	PRESENT HOMOLOGOUS AND HETEROLOGOUS ANTIGEN WITH HEPATITIS E VIRUS	\$384,896
2012	SCRIPPS RESEARCH INSTITUTE	CA	U01AI078224	PROBING THE GERMLINES OF BROADLY NEUTRALIZING ANTI-HIV ANTIBODIES IN KNOCKIN MICE	\$702,711
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073656	INTERLEUKIN-2 AND AUTOIMMUNE DISEASE	\$378,564
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$423,701
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039548	THE ENDOGENOUS MHC CLASS I ANTIGEN PROCESSING PATHWAY	\$368,025
2012	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$631,670
2012	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$379,789
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$464,322
2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$487,500
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$385,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$370,917
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$364,858
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$436,008
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$382,388

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2012	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$448,066
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$286,592
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$414,570
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$387,396
2012	PLANET BIOTECHNOLOGY INC	CA	R44AI053005	NOVEL THERAPY FOR PULMONARY ANTHRAX	\$995,532
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$560,350
2012	SCRIPPS RESEARCH INSTITUTE	CA	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,725,363
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$374,226
2012	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$275,979
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatISTICS TRAINING FOR AIDS RESEARCH	\$50,764
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$123,390
2012	SCRIPPS RESEARCH INSTITUTE	CA	U24AI082657	DISCOVERY AND ANALYSIS OF SYNTHETIC TLR AGONISTS AND ANTAGONISTS	\$651,422
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,427,345
2012	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$436,619
2012	STANFORD UNIVERSITY	CA	K08AI079269	MECHANISMS OF B CELL RESPONSES TO A NOVEL ADJUVANT FOR INFLUENZA VACCINE	\$130,599
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074694	REGULATION OF LYMPHOCYTE TRAFFICKING BY S1P1 AND CD69	\$302,851
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082100	BROAD SPECTRUM THERAPEUTICS THAT TARGET THE VIRAL MEMBRANE	\$741,062
2012	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$3,111,286
2012	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081668	HIV-1 VPU AND BST-2/CD317	\$346,955
2012	SCRIPPS RESEARCH INSTITUTE	CA	U01AI082190	SMALL MOLECULE THERAPEUTICS FOR BOTULLINUM NEUROTOXIN A	\$1,164,173
2012	UNIVERSITY OF CALIFORNIA	CA	R01AI081037	ROLE OF H. PYLORI OUTER MEMBRANE PROTEINS IN COLONIZATION AND HOST RESPONSE	\$197,919
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$8,500
2012	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$547,654
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$368,200

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2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI076396	THE ROLE OF TRANSMETHYLATION REACTIONS IN AUTOIMMUNITY	\$465,302
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$378,675
2012	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$637,900
2012	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$353,877
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$509,976
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI088679	Tuberculosis epidemiology and novel transmission routes in rural Tanzania	\$599,389
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI094009	HUMAN IMMUNE SYSTEM LAYERING AND THE NEONATAL RESPONSE TO VACCINES	\$193,125
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$558,665
2012	SOMAGENICS, INC	CA	R44AI074256	CHEMICAL STABILIZATION OF SHRNAS AND THEIR DEVELOPMENT AS HEPATITIS C DRUGS	\$970,401
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092386	EFFECTOR FUNCTIONS OF MUCOSAL IGA	\$192,500
2012	PLANET BIOTECHNOLOGY INC	CA	R01AI093397	CGMP MANUFACTURING OF PBI-220, A BROAD SPECTRUM IMMUNOADHESIN THERAPEUTIC AGAINST	\$1,166,055
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Peruvian/Brazilian Amazon Center of Excellence in Malaria	\$1,707,573
2012	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$375,611
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI095118	INVESTIGATING AN INTERFACE BETWEEN GP120 AND GP41 FOR HIV ENTRY INHIBITION	\$189,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI091534	pDC activation and lentiviral disease progression	\$55,670
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI097457	Thymic medullary epithelial cell turnover and control of immune tolerance	\$386,250
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$358,154
2012	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R43AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$276,127
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$1,948,790
2012	PHOENIX BIOSYSTEM	CA	R43AI102411	POINT OF CARE DIAGNOSTICS FOR URINARY TRACT INFECTION	\$294,871
2012	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI092929	INHIBITORS OF PI3K-DELTA FOR TREATMENT OF SKIN INFLAMMATION	\$292,359
2012	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI096641	DEVELOPMENT OF TLR8 INHIBITORS FOR TREATMENT OF AUTOIMMUNE DISEASES	\$299,508

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2012	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI091823	Structural and functional studies of botulinum neurotoxin	\$487,500
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI095062	Do peptide mimetics of gp41 improve antibody-epitope interactions	\$52,190
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093548	Characterization of CCL28,CXCL14, and CXCL17, three mucosal chemokines	\$375,881
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	UM1AI069401	UCLA Los Angeles Brazil AIDS Consortium	\$1,510,080
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI102630	Recent Advances in AIDS and HIV Research	\$20,000
2012	SORRENTO THERAPEUTICS INC	CA	R41AI096839	A VACCINE AGAINST CLOSTRIDIUM DIFFICILE INFECTIONS	\$292,717
2012	STANFORD UNIVERSITY	CA	K08AI097322	Antivirals for Hepatitis C Targeting Phosphoinositide Metabolism	\$133,191
2012	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089854	Functional Analysis of MicroRNAs in Lymphocyte Development and Immune Tolerance	\$309,927
2012	TRELLIS BIOSCIENCE LLC	CA	R43AI096620	THERAPEUTIC ANTIBODIES FOR RABIES	\$299,876
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI100680	Determining the role of human endogenous retroviruses (HERV) in HIV-1 infection	\$130,960
2012	UNIVERSITY OF CALIFORNIA	CA	R21AI093140	CONDITIONAL RNAI STRATEGY RESPONSIVE TO HIV PROTEINS	\$192,239
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI096000	ROLE OF POLYCOMB-MEDIATED EPIGENETIC REGULATION IN DIFFUSE LARGE B CELL LYMPHOMA	\$331,625
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI099432	IgE-guided RNAi silencing of FceRIb expression as a novel allergy therapeutic	\$231,000
2012	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI085035	IMMUNOLOGICAL DETECTION AND CONTROL OF EXPERIMENTAL UNCOMPLICATED MALARIA	\$243,418
2012	COLLABORATIVE DRUG DISCOVERY INC	CA	R42AI088893	IDENTIFICATION OF NOVEL THERAPEUTICS FOR TUBERCULOSIS COMBINING CHEMINFORMATICS,	\$479,605
2012	STANFORD UNIVERSITY	CA	UM1AI069556	Stanford AIDS Clinical Trials Unit	\$1,091,817
2012	SCRIPPS RESEARCH INSTITUTE	CA	R21AI099728	PAD2: AN ARGININE DEIMINASE THAT REGULATES ARTHRITIS	\$284,250
2012	TUNITAS THERAPEUTICS INC	CA	R44AI088950	A therapeutic Fc gamma Fel d1 chimeric protein vaccine to treat cat allergy	\$1,000,000
2012	SCRIPPS RESEARCH INSTITUTE	CA	UM1AI100663	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$15,760,885
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI099656	SOLVING THE ELUSIVE MECHANISM OF RAPAMYCIN ACTION IN LYMPHOCYTES	\$191,927
2012	ENCODE BIO INC	CA	R43AI098298	ORAL DELIVERY OF PEPTIDES TARGETING INTRACELLULAR PROTEIN-PROTEIN INTERACTIONS	\$229,194
2012	OAK CREST INSTITUTE OF SCIENCE	CA	R01AI100744	Ex Vivo Model for Assessing the Vaginal Disposition of PrEP Antiretrovirals	\$440,678

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2012	UNIVERSITY OF CALIFORNIA	CA	R21AI099519	NEW MOUSE MODELS OF PANETH CELL DEFENSIN FUNCTION	\$230,688
2012	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI1100801	EFS-ADA Lentiviral Vector Transduction of Bone Marrow CD34+ Cells for ADA-SCID	\$699,125
2012	MOLECULAR EXPRESS, INC	CA	R43AI094891	TARGETED DENDRITIC CELL ACTIVATION THROUGH MULTI-ADJUVANT LIPOSOMES	\$300,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2012	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI093828	BIOGENESIS AND FUNCTION OF GUIDE RNAS	\$383,854
2012	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI047745	BIOMATHEMATICAL ANALYSIS OF VIRAL DYNAMICS AND EVOLUTION	\$364,504
2012	UNIVERSITY OF COLORADO DENVER	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$544,141
2012	COLORADO STATE UNIVERSITY	CO	R01AI046435	NEW ALPHAVIRUS EXPRESSION SYSTEMS IN MOSQUITOES	\$282,203
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$375,474
2012	COLORADO STATE UNIVERSITY	CO	R01AI063054	MODE OF ACTION OF THIORCARLIDE IN MYCOBACTERIUM TUBERCULOSIS	\$360,187
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI096802	MALNUTRITION, GUT-MICROBIAL INTERACTIONS AND MUCOSAL IMMUNITY TO VACCINES	\$8,000
2012	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$353,628
2012	NATIONAL JEWISH HEALTH	CO	R01AI081878	Regulation of B Cell Identity and Lineage Progression	\$386,100
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI092108	iNKT Cell Recognition of Endogenous Lipid Antigens	\$368,595
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI093637	Regulation of Pathogen-specific T Cell Immunity by Adenosine Generation	\$355,514
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098441	HIV VACCINES	\$20,000
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098157	DRUG DISCOVERY FOR PROTOZOAN PARASITES	\$6,000
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI096755	CHEMOKINES AND LEUKOCYTE TRAFFICKING IN HOMEOSTASIS AND INFLAMMATION	\$7,000
2012	NATIONAL JEWISH HEALTH	CO	R01AI098417	Regulation of B Cell Development and Function by Zfp521	\$407,312
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098314	CELL BIOLOGY OF VIRUS ENTRY, REPLICATION AND PATHOGENESIS	\$20,000
2012	COLORADO STATE UNIVERSITY	CO	K08AI071724	EVOLUTION OF DENDRITIC CELL DYSFUNCTION IN FIV INFECTION	\$111,305
2012	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$341,060
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$393,048
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$302,940
2012	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$160,235
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infection	\$301,947

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF COLORADO DENVER	CO	R03AI102836	THE CERVICAL MICROBIOME MEDIATES HORMONAL INCREASES IN HIV1 SUSCEPTIBILITY	\$76,916
2012	COLORADO STATE UNIVERSITY	CO	R21AI102210	HOST TARGETED IMMUNOTHERAPY FOR TB TREATMENT	\$209,250
2012	COLORADO STATE UNIVERSITY	CO	R01AI097550	HTS assays for the methylerythritol-4-phosphate pathway	\$399,241
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098256	INNATE IMMUNITY: SENSING THE MICROBES AND DAMAGE SIGNALS	\$10,000
2012	NATIONAL JEWISH HEALTH	CO	R21AI095765	INHALATION TOLERANCE, IGE AND GAMMA/DELTA T CELLS	\$237,750
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI099029	Mapping the Critical Epitopes of Ara h 2 and Ara h 6	\$387,900
2012	UNIVERSITY OF COLORADO DENVER	CO	R56AI100991	HEPATITIS C VIRAL INFECTION IN HUMAN PREGNANCY	\$531,913
2012	NATIONAL JEWISH HEALTH	CO	R56AI018785	CHARACTERISTICS OF T CELL RECEPTORS	\$409,680
2012	NATIONAL JEWISH HEALTH	CO	R56AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$430,820
2012	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI073945	FUNCTIONAL ANERGY IN B CELLS	\$382,239
2012	COLORADO STATE UNIVERSITY	CO	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$246,068
2012	NATIONAL JEWISH HEALTH	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$196,225
2012	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$391,071
2012	COLORADO STATE UNIVERSITY	CO	R01AI080486	CHROMOSOMAL ALTERATIONS IN BASIC MECHANISMS OF RADIATION INJURY	\$360,313
2012	UNIVERSITY OF COLORADO DENVER	CO	K08AI076518	MECHANISMS OF APOPTOSIS IN VIRUS-INFECTED NEURONS	\$141,457
2012	NATIONAL JEWISH HEALTH	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$468,303
2012	UNIVERSITY OF COLORADO DENVER	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	\$147,771
2012	COLORADO STATE UNIVERSITY	CO	R01AI100845	Modeling Next Generation HIV PrEP in Humanized Mice	\$688,912
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI097572	DEFINING HOW TCR COMPLEX MEDIATED SIGNALING IS REGULATED BY NEDDYLATION	\$186,660
2012	NATIONAL JEWISH HEALTH	CO	R21AI097962	THE ROLE OF GAMMA/DELTA T CELLS IN TYPE 1 DIABETES	\$237,750
2012	ROCKY MOUNTAIN VIROLOGY ASSOCIATION INC	CO	R13AI102540	TWELFTH ANNUAL MEETING OF THE ROCKY MOUNTAIN VIROLOGY ASSOCIATION ON THE PINGREE	\$5,000
2012	DENVER HEALTH & HOSPITAL AUTHORITY	CO	R01AI106057	Effectiveness of Rapid HIV Screening Methods in Urban Emergency Departments	\$582,103

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2012	UNIVERSITY OF COLORADO DENVER	CO	K24AI074343	INTERFACE OF INNATE AND ADAPTIVE IMMUNITY IN HIV-1 INFECTION	\$135,004
2012	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$7,102,851
2012	COLORADO SCHOOL OF MINES	CO	R01AI079347	HIGH-THROUGHPUT CELL MECHANICAL PROPERTY TESTING FOR LABEL-FREE ASSAYING	\$317,338
2012	NATIONAL JEWISH HEALTH	CO	K23AI083792	Bacteria in Lower Airways and Airway Inflammation in Children with Asthma	\$125,172
2012	MBIO DIAGNOSTICS INC	CO	R44AI070052	LOW COST LASER DIAGNOSTIC FOR CD4+ T CELL COUNTING	\$852,433
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI080709	Transport and Insertion of Outer Membrane Proteins	\$370,812
2012	UNIVERSITY OF COLORADO DENVER	CO	K24AI083742	MIDCAREER INVESTIGATOR AWARD IN PATIENT-ORIENTED RESEARCH (K24)	\$191,392
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI090795	INNATE RESTRICTION FACTOR MODULATION OF RETROVIRUS-SPECIFIC HUMORAL IMMUNITY	\$698,338
2012	COLORADO STATE UNIVERSITY	CO	U01AI088647	Sustainable Control of Aedes aegypti and epidemic dengue	\$617,343
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098442	FRONTIERS IN HIV PATHOGENESIS, THERAPY AND ERADICATION	\$20,000
2012	COLORADO STATE UNIVERSITY	CO	R21AI092002	VIRULENCE OF MDR-TB STRAINS	\$185,365
2012	NATIONAL JEWISH HEALTH	CO	R01AI093822	Somatic Hypermutation in SLE	\$396,250
2012	COLORADO STATE UNIVERSITY	CO	R01AI094349	Ivermectin for Malaria Control	\$566,871
2012	UNIVERSITY OF DENVER	CO	R03AI092249	ASSESSMENT OF DEUBIQUITINATING AND DEISGYLATING ACTIVITY; SPECIFICITY MOTIFS AMON	\$72,026
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098260	MUTATIONS, MALIGNANCY AND MEMORY - ANTIBODIES AND IMMUNITY	\$5,000
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098239	NF-KAPPAB SIGNALING AND BIOLOGY: FROM BENCH TO BEDSIDE	\$5,000
2012	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$396,250
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI094487	CONTROL OF PSEUDOMONAS AERUGINOSA QUORUM SENSING AND ALGINATE	\$198,187
2012	COLORADO STATE UNIVERSITY	CO	R21AI094163	REGULATION OF LIPID BIOSYNTHESIS IN MYCOBACTERIUM TUBERCULOSIS	\$185,667
2012	UNIVERSITY OF COLORADO DENVER	CO	R56AI091994	Regulation of Herpesvirus Infection by Viral miRNAs	\$367,998
2012	UNIVERSITY OF COLORADO DENVER	CO	K08AI073525	EPIDEMIOLOGY AND PATHOGENESIS OF NOVEL CORONAVIRUSES	\$132,300
2012	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$413,416
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$300,438

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2012	UNIVERSITY OF COLORADO DENVER	CO	R37AI015940	IRON AND O2 IN THE REGULATION OF P. AERUGINOSA VIRULENCE	\$559,198
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$365,186
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI067296	DESIGN OF NEW ANTIMICROBIALS	\$360,863
2012	COLORADO STATE UNIVERSITY	CO	R01AI083368	YELLOW FEVER/DENGUE VIRUS COMPETENCE IN AEDES AEGYPTI AEGYPTI/FORMOSUS IN SENEGAL	\$357,598
2012	UNIVERSITY OF COLORADO DENVER	CO	K08AI080285	INFLUENCE OF SEX STEROIDS ON HIV-1 CHEMOKINE CORECEPTOR EXPRESSION IN WOMEN	\$132,173
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098158	FUNGAL PATHOGENS: FROM BASIC BIOLOGY TO DRUG DISCOVERY	\$6,000
2012	INDEVVR LLC	CO	R44AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$974,637
2012	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$1,004,556
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI092540	DEVELOPMENT OF NOVEL NUCLEOSIDE TRIPHOSPHATE PRODRUGS	\$228,000
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098254	VIRAL IMMUNITY AND HOST GENE INFLUENCE	\$10,000
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098285	DRUG RESISTANCE AND PERSISTENCE IN TUBERCULOSIS	\$6,000
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI097097	MODIFIED DNA APTAMERS AND DNAZYMES FOR DIAGNOSING TB IN RESOURCE-POOR SETTINGS	\$230,119
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI099863	ANTIGEN PERSISTENCE AND PROTECTIVE IMMUNITY AFTER PROTEIN VACCINATION	\$240,785
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$393,330
2012	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$215,689
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI077597	Infectious Agents and B Cell Energy	\$378,675
2012	UNIVERSITY OF COLORADO DENVER	CO	UM1AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$1,160,608
2012	AKTIV-DRY LLC	CO	R44AI089149	A NEW, RAPIDLY DISSOLVING AND THERMALLY STABLE DRY POWDER HEPATITIS-B VACCINE	\$492,386
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI099593	HOST PATHWAYS THAT ENABLE /SALMONELLA/ REPLICATION WITHIN HEMOPHAGOCYTIC MACROPHA	\$228,750
2012	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$474,746
2012	NATIONAL JEWISH HEALTH	CO	R03AI101953	IFN-lambda polymorphisms and host response to respiratory viral infections in hum	\$79,250
2012	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K23AI099082	Moving the Field Forward: Evaluation of Antibiotic Prescribing Practices, the Cli	\$131,003

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2012	INDEV LLC	CO	R43AI102318	TITER ON CHIP: ALTERNATIVE TO SRID FOR INFLUENZA VACCINE POTENCY DETERMINATION	\$300,000
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI099346	MOUSE MODELING OF A HUMAN STING GENE VARIANT FOR INFECTIOUS DISEASE	\$192,552
2012	NATIONAL JEWISH HEALTH	CO	R21AI102264	IFNGR DOWN REGULATION AS A HOST TARGET FOR THERAPY OF INFECTIOUS DISEASES	\$237,750
2012	COLORADO STATE UNIVERSITY	CO	R56AI095101	Efficacy Testing of HIV-Specific Microbicides in Humanized Mice	\$444,875
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI096545	THE BIOLOGY OF CYTOKINES	\$7,000
2012	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$377,609
2012	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$433,839
2012	UNIVERSITY OF COLORADO DENVER	CO	U01AI084735	CELLULAR PHARMACOLOGY OF TENOFOVIR AND EMTRICITABINE FOR HIV PROPHYLAXIS	\$623,431
2012	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$386,100
2012	COLORADO STATE UNIVERSITY	CO	R21AI091991	MECHANISMS OF ENTERIC BURKHOLDERIA PSUEDOMALLEI INFECTION	\$217,462
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	F32AI094766	Role of Host Lipids in Salmonella Replication Within Hemophagocytic Macrophages	\$52,190
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI098421	CHROMATIN DIMINUTION IN ASCARIS	\$230,375
2012	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$122,850
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI101064	IDENTIFICATION AND EVALUATION OF NOVEL THERAPEUTIC TARGETS FOR VIRUS-INDUCED NEUR	\$217,700
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098284	TH17 CELLS IN HEALTH AND DISEASE	\$11,000
2012	COLORADO STATE UNIVERSITY	CO	R21AI100186	METABOLOMICS-BASED DISCOVERY OF SMALL MOLECULE BIOMARKERS FOR NONINVASIVE DENGUE	\$174,615
2012	COLORADO STATE UNIVERSITY	CO	R21AI094338	Mycobacterium Tuberculosis Lipoarabinomannan In Vivo	\$214,711
2012	COLORADO STATE UNIVERSITY	CO	R21AI100228	METABOLIC BIOMARKERS AND BIOSIGNATURES FOR IMPROVED DIAGNOSIS OF LYME DISEASE	\$216,156
2012	NATIONAL JEWISH HEALTH	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$343,709
2012	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$346,580
2012	UNIVERSITY OF COLORADO DENVER	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$742,779

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2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098289	REGULATION OF LYMPHOCYTE SIGNALING	\$5,000
2012	COLORADO STATE UNIVERSITY	CO	R13AI096739	7TH INTERNATIONAL CONFERENCE ON TULAREMIA 2012	\$5,000
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI092468	CROSS-SEROTYPE PROTECTION AGAINST STREPTOCOCCUS PNEUMONIAE BY INDUCTION OF NEUTRA	\$191,250
2012	COLORADO STATE UNIVERSITY	CO	F32AI088884	DNA FRAGMENT CAPTURE SYSTEM TO CREATE BURKHOLDERIA PSEUDOMALLEI ISOGENIC STRAINS	\$41,105
2012	COLORADO STATE UNIVERSITY	CO	R21AI094123	TUBERCULOSIS IN DIABETIC GUINEA PIGS	\$220,500
2012	BIOLOGICAL SCIENCES CURRICULUM STUDY	CO	R25AI098674	Allergies and Scientific Inquiry: An Innovative, Online Module for Middle School	\$188,962
2012	NATIONAL JEWISH HEALTH	CO	R03AI092358	AN ADVANCED MODEL TO ANALYZE CD4T CEL REACTIONS TO ANTIBODY AND BCR V REGIONS	\$79,250
2012	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI098352	THE MICROBIOME	\$11,000
2012	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI095395	Hemophagocytic Macrophages and Systemic Salmonella Infection	\$185,391
2012	UNIVERSITY OF COLORADO DENVER	CO	R21AI096289	PERSISTENT CHIKUNGUNYA VIRUS INFECTION AND DISEASE	\$187,777
2012	UNIVERSITY OF COLORADO DENVER	CO	U01AI101981	Prevention Center U01: Early Targets for Antigen-Specific Tolerance Induction for	\$502,740
2012	CRESTONE INC	CO	R44AI090719	Development of a Novel PoIC Inhibitor as a Gram-Positive Antibiotic	\$1,000,000
2012	YALE UNIVERSITY	CT	R01AI073722	ACTIVATION AND REGULATION OF AUTOREACTIVE B CELLS IN HEALTH AND DISEASE	\$568,221
2012	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$405,516
2012	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$216,178
2012	YALE UNIVERSITY	CT	R01AI052473	Natural History of Urban Leptospirosis	\$318,164
2012	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$341,605
2012	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$373,406
2012	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$414,271
2012	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$265,866
2012	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$405,516
2012	UNIVERSITY OF CONNECTICUT	CT	R01AI068761	MALARIA VACCINE BASED ON SELF-ASSEMBLING POLYPEPTIDE NANOPARTICLES (SAPN)	\$527,958

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2012	YALE UNIVERSITY	CT	R01AI080850	IN VIVO IMAGING OF T AND B CELL INTERACTIONS IN GERMINAL CENTER INITIATION	\$405,516
2012	CENTRAL CONNECTICUT STATE UNIVERSITY	CT	R03AI091603	DO GENETIC VARIANTS OF MTAP7 CREATE SINGLE-GENE BARRIERS TO TISSUE-GRAFT COMPATIB	\$71,626
2012	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$591,666
2012	YALE UNIVERSITY	CT	R21AI094000	EPIMUTATION AT THE CD4 LOCUS: INDUCTION, PROPAGATION AND REPAIR	\$207,239
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI092060	ABSORPTION OF MATERNAL ANTIBODIES FROM THE GASTROINTESTINAL TRACT	\$192,500
2012	YALE UNIVERSITY	CT	F32AI096718	SIGNALING AND METABOLISM IN CD8 T CELL EXHAUSTION DURING CHRONIC INFECTION	\$49,214
2012	YALE UNIVERSITY	CT	R21AI101525	IDENTIFICATION OF HUMAN PECAM-1 RECEPTOR	\$83,021
2012	YALE UNIVERSITY	CT	R21AI088079	THE HEALTH BURDEN OF A RECENTLY DISCOVERED BORRELIA SPIROCHETE	\$164,313
2012	YALE UNIVERSITY	CT	R01AI075157	DISSECTING THE ROLE FOR IL-15 IN CD8+ T CELL HOMEOSTASIS IN HUMAN LUPUS	\$405,516
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$362,637
2012	YALE UNIVERSITY	CT	R01AI032947	BORRELIA BURGDORFERI INTERACTIONS WITH IXODES SCAPULARIS	\$392,434
2012	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$414,479
2012	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$414,271
2012	UNIVERSITY OF CONNECTICUT	CT	R01AI073375	TARGETING BACILLUS DHFR: STRUCTURAL STUDIES AND SYNTHESIS OF INHIBITORS	\$326,572
2012	YALE UNIVERSITY	CT	U19AI082713	YALE AUTOIMMUNITY CENTER OF EXCELLENCE	\$704,980
2012	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$484,980
2012	YALE UNIVERSITY	CT	R01AI089771	Role of basophils in initiating Th2 immune responses	\$409,094
2012	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$409,613
2012	YALE UNIVERSITY	CT	R03AI090197	Anaplasma phagocytophilum induce Ixodes scapularis antifreeze glycoprotein gene e	\$82,917
2012	YALE UNIVERSITY	CT	R21AI094059	RECRUITMENT OF HOST NONCODING RNAS BY XMRV	\$207,148
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI097375	Visualizing the innate and adaptive immune response to Listeria monocytogenes	\$385,000
2012	YALE UNIVERSITY	CT	K22AI089969	DEFINING TARGET SPECIFICITY OF OXADIAZOLE 2-OXIDES IN ANCYLOSTOMA CEYLANICUM	\$107,973

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2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI078289	ROLE OF CD11C IN CD8 T CELL RESPONSE TO INFECTION	\$465,254
2012	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$544,843
2012	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$472,521
2012	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$169,812
2012	YALE UNIVERSITY	CT	R01AI068041	IFN- γ -inducible GBPs in protective immunity to tuberculosis	\$375,041
2012	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$541,536
2012	YALE UNIVERSITY	CT	R01AI082295	REGULATION OF CXCR4 BY COGNATE AND NON-COGNATE LIGANDS	\$405,516
2012	YALE UNIVERSITY	CT	F32AI093056	MULTILEVEL TARGETED THERAPEUTICS USING SURFACE FUNCTIONALIZED NANOPARTICLES ENCAP	\$52,190
2012	YALE UNIVERSITY	CT	R21AI094228	REGULATION OF BACTERIAL PATHOGEN ACTIN-BASED MOTILITY BY HOST CELL KINASES	\$207,239
2012	L2DIAGNOSTICS, LLC	CT	R43AI092976	Diagnostic tools to link Bacteroides fragilis toxin isotypes and human disease	\$284,954
2012	YALE UNIVERSITY	CT	R21AI094615	NEXT GENERATION SEQUENCING OF EAST AFRICAN TRYPANOSOMES TO EXPAND THE MOLECULAR E	\$209,013
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI094640	Breaking Tolerance to Induce Tumor-Specific Cytotoxic CD4 Th1 Cells	\$379,747
2012	YALE UNIVERSITY	CT	R01AI093775	Improved Treatment of American Cutaneous Leishmaniasis by Immunomodulation	\$661,652
2012	YALE UNIVERSITY	CT	R01AI097206	Quality Control of MHC Class I Restricted Antigen Processing	\$413,866
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$483,247
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$362,637
2012	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$414,479
2012	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$439,484
2012	CONNECTICUT CHILDREN'S MEDICAL CENTER	CT	K08AI071918	MATERNAL INFLUENCE ON THE DEVELOPMENT OF ALLERGY IN OFFSPRING	\$126,393
2012	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$406,598
2012	YALE UNIVERSITY	CT	R01AI084140	A MULTIPRONGED, PROTEIN DEGRADATION-BASED APPROACH TO INHIBIT HIV TRANSMISSION	\$459,289
2012	YALE UNIVERSITY	CT	R01AI081825	INNATE IMMUNE RESPONSES TO TYPE 3 SECRETION SYSTEM COMPONENTS AND EFFECTORS	\$425,971
2012	YALE UNIVERSITY	CT	K08AI085038	Role of the Nlrp3 Inflammasome in Adaptive Immunity	\$133,515

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2012	YALE UNIVERSITY	CT	F32AI091024	ANTIGEN-SPECIFIC CD8 T CELL MIGRATION AND PROTECTIVE IMMUNITY IN PERMISSIVE AND R	\$52,190
2012	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	\$131,999
2012	YALE UNIVERSITY	CT	U19AI089992	Defining signatures for immune responsiveness by functional systems immunology	\$2,837,004
2012	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$400,302
2012	L2DIAGNOSTICS, LLC	CT	R41AI091234	A NANOPARTICLE-BASED VACCINE AGAINST LEISHMANIASIS	\$293,998
2012	YALE UNIVERSITY	CT	R37AI041699	Genetic Analysis of Legionella Phagosome Trafficking	\$490,771
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI029735	RPOS REGULATION OF BORRELIA BURGDORFERI GENES IN VIVO	\$535,900
2012	YALE UNIVERSITY	CT	R56AI089789	IL-23/TH17 PATHWAYS AND INFLAMMATORY BOWEL DISEASE	\$415,208
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$536,513
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	T32AI007080	BASIC IMMUNOLOGY AND IMMUNOLOGIC CELL INJURY	\$169,552
2012	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$572,334
2012	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	\$260,514
2012	YALE UNIVERSITY	CT	P01AI039671	Costimulatory Mechanisms of Autoimmunity (Composite)	\$2,181,894
2012	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$409,613
2012	YALE UNIVERSITY	CT	R01AI079022	VIRULENCE FACTORS OF SALMONELLA TYPHI	\$405,516
2012	YALE UNIVERSITY	CT	F32AI085767	USING VSV VECTORS TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST SIV ENVELOPE.	\$55,670
2012	YALE UNIVERSITY	CT	R01AI075051	REGULATION OF MOTILITY AND ORGANELLE ASSEMBLY AT THE PSEUDOMONAS AERUGINOSA POLE	\$410,644
2012	YALE UNIVERSITY	CT	R01AI079222	Fcgamma mediated regulation of dendritic cell function	\$405,516
2012	YALE UNIVERSITY	CT	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$125,986
2012	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	\$52,190
2012	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$399,301
2012	YALE UNIVERSITY	CT	R37AI028798	RNA METABOLISM IN TRYPANOSOMES	\$715,160
2012	YALE UNIVERSITY	CT	U01AI102011	The role of the innate immune system on Treg reprogramming in human autoimmune di	\$815,616

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	YALE UNIVERSITY	CT	R21AI094525	IDENTIFICATION OF NOVEL GENES AS BEING IMPORTANT FOR NEUTROPHIL FUNCTIONS	\$248,688
2012	LIFEPHARMS INC	CT	R43AI098708	HSP90 INHIBITORS TO COMBAT ANTIFUNGAL DRUG RESISTANCE.	\$299,998
2012	YALE UNIVERSITY	CT	F32AI094791	MECHANISMS OF CD4 T CELL MEMORY DEVELOPMENT DURING VIRAL AND BACTERIAL INFECTIONS	\$52,190
2012	YALE UNIVERSITY	CT	R01AI101112	Genetics of Vector Populations: Aedes aegypti	\$414,896
2012	YALE UNIVERSITY	CT	R21AI098108	HYALURONAN AS AN INNATE LIGAND THAT INDUCES INFLAMMATION AFTER TRANSPLANTATION	\$249,063
2012	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R43AI092924	SYNTHETIC NANOPARTICLE VACCINES FOR RSV	\$293,492
2012	YALE UNIVERSITY	CT	R56AI098996	CONTROL OF B-LINEAGE CELL MIGRATION DURING DIFFERENTIATION IN BONE MARROW	\$415,209
2012	YALE UNIVERSITY	CT	R01AI043594	RNA CAPPING IN TRYPANOSOMES	\$405,516
2012	YALE UNIVERSITY	CT	R01AI055502	TOLL PATHWAY & CONTROL OF ADAPTIVE IMMUNE RESPONSES	\$405,076
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$382,756
2012	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$197,379
2012	YALE UNIVERSITY	CT	K08AI078533	ELUCIDATING FUNCTIONAL PROPERTIES OF MEMORY B CELLS	\$134,730
2012	YALE UNIVERSITY	CT	R21AI096017	HIGH THROUGHPUT POPULATION GENOMICS OF AEADES ALBOPICTUS	\$201,938
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$382,628
2012	YALE UNIVERSITY	CT	R01AI084096	TARGETING HIV CELL-TO-CELL TRANSMISSION	\$554,946
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$422,621
2012	YALE UNIVERSITY	CT	R21AI096999	Monitoring single conformational events during HIV assembly	\$223,238
2012	YALE UNIVERSITY	CT	R21AI094104	REMODELING-INDEPENDENT FUNCTION OF THE BAF COMPLEX IN T CELLS AND BEYOND	\$249,063
2012	YALE UNIVERSITY	CT	K08AI087876	CHARACTERIZING TLR FUNCTION OF HUMAN DENDRITIC CELLS IN THE ELDERLY	\$1
2012	YALE UNIVERSITY	CT	R21AI101456	Symbiosis and Immunity in the Tsetse Fly	\$231,561
2012	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$324,413
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$342,761
2012	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$382,615
2012	YALE UNIVERSITY	CT	R01AI056333	SMALL RNAS AND THEIR ROLE IN TRYPANOSOME BIOLOGY	\$364,966

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2012	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$405,286
2012	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$124,636
2012	YALE UNIVERSITY	CT	K08AI074404	HIV NUCLEOSIDE ANALOGS TRANSLATIONAL STUDIES: RESISTANCE AND METABOLISM	\$125,820
2012	YALE UNIVERSITY	CT	R01AI076259	MOLECULAR DETERMINANTS OF HEPATITIS C VIRUS INFECTIVITY	\$405,516
2012	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$1,655,184
2012	YALE UNIVERSITY	CT	R01AI085798	Real-time Imaging Analysis of Vector-borne Lyme Borreliosis Pathogenesis & Persis	\$450,969
2012	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$409,613
2012	YALE UNIVERSITY	CT	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$145,538
2012	YALE UNIVERSITY	CT	R33AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$387,229
2012	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$643,645
2012	WESLEYAN UNIVERSITY	CT	R15AI101977	MECHANISM OF CELL MEMBRANE TARGETING BY VIBRIO CHOLERAE CYTOLYSIN	\$460,197
2012	YALE UNIVERSITY	CT	F32AI094905	CYTOSKELETAL CONTROL OF LEISHMANIA INFECTION	\$59,612
2012	YALE UNIVERSITY	CT	R21AI098142	PRODUCTION OF HIV VECTOR SUPERNATANT USING HELPER-DEPENDENT ADENOVIRUS	\$221,284
2012	YALE UNIVERSITY	CT	R21AI088484	VERSATILE CARRIERS FOR CELL-SPECIFIC SIRNA DELIVERY IN VIVO	\$207,552
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI099668	Elucidating a role for a hematopoietic-tropic microRNA in autoreactive T cells	\$231,000
2012	YALE UNIVERSITY	CT	R21AI097767	THE ROLE OF STAT3 IN EFFECTOR AND MEMORY CD8 T CELL LONGEVITY AND METABOLISM	\$248,688
2012	YALE UNIVERSITY	CT	R01AI097218	Function and Inhibition of Plasmodium Lipid Decarboxylases	\$425,832
2012	YALE UNIVERSITY	CT	R01AI091568	ACE: Investigation of Innate Immunity in Multiple Sclerosis	\$317,131
2012	YALE UNIVERSITY	CT	R21AI100191	A NEW CYTOKINE-BASED IMMUNOASSAY FOR THE DIAGNOSIS OF LYME DISEASE	\$262,480
2012	YALE UNIVERSITY	CT	R21AI102756	IMPLEMENTING POINT OF CARE CD4 ANALYSIS TO DECENTRALIZE HIV CARE IN RURAL AFRICA	\$208,978
2012	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$405,516
2012	YALE UNIVERSITY	CT	R37AI040357	DEVELOPMENT OF VSV/HIV RECOMBINANTS AS HIV VACCINES	\$324,413
2012	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$446,678

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2012	YALE UNIVERSITY	CT	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$325,557
2012	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$405,516
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$381,150
2012	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$414,688
2012	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$409,613
2012	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$414,479
2012	YALE UNIVERSITY	CT	R01AI080781	Novel vaccines for broad protection against avian influenza	\$405,516
2012	YALE UNIVERSITY	CT	R01AI082030	THE ROLE OF BCL-RAMBO IN THYMIC INVOLUTION	\$405,516
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$362,637
2012	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	\$425,574
2012	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$498,910
2012	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	\$338,843
2012	YALE UNIVERSITY	CT	R01AI081884	Autophagy in Antiviral Immunity	\$409,613
2012	LIFEPHARMS INC	CT	R43AI096847	NOVEL ANTIBACTERIAL SCAFFOLD FROM NATURAL PRODUCTS	\$287,757
2012	YALE UNIVERSITY	CT	R21AI097756	BASE EXCISION REPAIR AND AUTOIMMUNITY	\$248,750
2012	YALE UNIVERSITY	CT	T32AI089704	Human and Translational Immunology	\$228,186
2012	YALE UNIVERSITY	CT	R03AI092156	Human pathogenic bacterium induces actin phosphorylation to selectively regulate	\$82,958
2012	L2DIAGNOSTICS, LLC	CT	R43AI096598	DIAGNOSTIC ASSAYS FOR EARLY LYME BORRELIOSIS USING IN-VIVO EXPRESSED ANTIGENS	\$290,340
2012	YALE UNIVERSITY	CT	R03AI092379	COMPUTATIONAL TOOLS FOR ANALYSIS OF B CELL SOMATIC HYPERMUTATION	\$82,750
2012	YALE UNIVERSITY	CT	R21AI095848	IMPACT OF REGULATORY T CELLS ON HUMAN PERIPHERAL B CELL TOLERANCE	\$248,750
2012	YALE UNIVERSITY	CT	R03AI092184	TRANSCRIPTOME ANALYSIS OF LEISHMANIA PANAMENSIS DEVELOPMENTAL STAGES	\$82,896
2012	YALE UNIVERSITY	CT	R21AI097847	DECIPHERING UBIQUITIN-REGULATED HOST RESPONSES TO THE INTRACELLULAR PATHOGEN LEGI	\$220,357
2012	YALE UNIVERSITY	CT	R21AI101704	ANALYSIS OF B CELL TRANSCRIPTOME SHIFTS PRIOR TO LINEAGE DIVERGENCE IN VIVO	\$166,000
2012	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$15,000
2012	GEORGETOWN UNIVERSITY	DC	R21AI090290	Novel antifungal therapeutics	\$167,965

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2012	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$338,503
2012	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$10,000
2012	GEORGETOWN UNIVERSITY	DC	R03AI097611	ANALYSIS OF LYMPHOCYTE DEVELOPMENT IN MICE EXPRESSING E3-DEFICIENT RAG1 ALLELES	\$74,475
2012	CATHOLIC UNIVERSITY OF AMERICA	DC	R01AI102725	Potent Phage T4 Derived V2 Immunogens as HIV Vaccines	\$413,786
2012	GEORGETOWN UNIVERSITY	DC	R01AI101798	PA-12-149: Research Supplements to Promote Diversity in Health-Related Research (Admin Supp): Metabolomic biomarkers and instrumentation for assessment of radiation injury,	\$381,494
2012	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI097520	In vitro Models of Glandular Hyperplasia in Pediatric Chronic Rhinosinusitis	\$258,000
2012	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Womens Interagency HIV/AIDS Study	\$2,455,223
2012	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI082086	MULTIVALENT PLAGUE, ANTHRAX VACCINES USING BACTERIOPHAGE T4 DISPLAY	\$530,345
2012	CHILDREN'S RESEARCH INSTITUTE	DC	R33AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$438,399
2012	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$250,454
2012	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI090571	IDENTIFICATION OF ANTIGENS FOR ANTI-HIV BROADLY NEUTRALIZING RESPONSES	\$541,762
2012	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI098364	11TH ASM CONFERENCE ON CANDIDA AND CANDIDIASIS	\$7,000
2012	UNIVERSITY OF FLORIDA	FL	R01AI034276	LISTERIA AND SHIGELLA USE ACTIN TO SPREAD CELL TO CELL	\$320,605
2012	Florida State University	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$464,676
2012	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$1,719,537
2012	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$353,852
2012	UNIVERSITY OF MIAMI	FL	U01AI083015	EVALUATION OF NOVEL DEXD/H HELICASES IN INNATE IMMUNE SIGNALING	\$366,840
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	\$450,554
2012	UNIVERSITY OF FLORIDA	FL	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$320,652
2012	UNIVERSITY OF FLORIDA	FL	R21AI096345	GENETIC VARIANTS OF HUMAN CARBOXYLESTERASE 1 INFLUENCE THE ACTIVATION AND ANTIVIR	\$183,125
2012	UNIVERSITY OF FLORIDA	FL	R00AI095302	SURVIVAL ANALYSIS AND REGRESSION IN INFECTIOUS DISEASE EPIDEMIOLOGY	\$226,044
2012	UNIVERSITY OF MIAMI	FL	UM1AI069477	Miami Treatment and Prevention Clinical Trials Unit (CTU)	\$1,173,611
2012	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$365,356

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2012	Florida State University	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$403,468
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$365,311
2012	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$378,577
2012	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$438,877
2012	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$389,229
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$288,149
2012	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$1,341,348
2012	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$687,841
2012	BANYAN BIOMARKERS INC	FL	R43AI094877	RECOMBINANT HEPATIC ARGININOSUCCINATE SYNTHASE (RASS) FOR TREATMENT OF SEPSIS/END	\$289,556
2012	UNIVERSITY OF FLORIDA	FL	R01AI097405	Cholera Transmission in Gressier Region, Haiti	\$621,812
2012	UNIVERSITY OF FLORIDA	FL	R21AI101571	USING EVOLUTION TO UNDERSTAND THE MOLECULAR BASIS OF INNATE IMMUNE FUNCTION	\$186,250
2012	UNIVERSITY OF MIAMI	FL	R21AI093294	CLUSTERED RECEPTOR-SIGNALING DOMAINS AS NOVEL HIV VACCINE GENETIC ADJUVANTS	\$191,250
2012	SOLIGENIX INC	FL	R43AI100417	BECLOMETHASONE POST EXPOSURE THERAPY FOR GASTROINTESTINAL ACUTE RADIATION SYNDROM	\$300,000
2012	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$188,931
2012	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$362,588
2012	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$358,962
2012	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$560,203
2012	Florida State University	FL	R01AI079150	Cyclosporine, Cyclophilins and HCV Replication	\$321,298
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R13AI094988	VACCINOLOGY IN THE TROPICS: VACCINES IN A GLOBALIZED WORLD CONFERENCE	\$3,000
2012	UNIVERSITY OF MIAMI	FL	R21AI092243	THE ROLE OF DISULFIDE BONDING IN TYPE III SECRETION OF CHLAMYDIA SPP.	\$191,250
2012	ISENSE LLC	FL	R43AI094781	RAPID IDENTIFICATION OF PATHOGENIC BACTERIA AND SEPSIS DIAGNOSIS	\$300,000
2012	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	\$2,733,982
2012	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI099493	A Novel Mechanism for Toxin Export from the Endoplasmic Reticulum to the Cytosol	\$351,959
2012	UNIVERSITY OF MIAMI	FL	R56AI100289	THE IL-2 RECEPTOR IN T REGULATORY CELL DEVELOPMENT	\$232,499
2012	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$326,329

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2012	UNIVERSITY OF FLORIDA	FL	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	\$131,652
2012	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$381,563
2012	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI100280	NOVEL ANTIMALARIALS FROM MARINE MICROBIAL NATURAL PRODUCTS	\$228,375
2012	UNIVERSITY OF MIAMI	FL	P01AI094420	Yellow Fever, rDNA (EP+IL-12) and rAd35 as Vectors for AIDS Vaccine Development	\$2,158,371
2012	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$378,675
2012	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$408,556
2012	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$382,500
2012	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$390,140
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI077662	ESSENTIAL CELL CYCLE MECHANISMS IN TOXOPLASMA	\$360,603
2012	UNIVERSITY OF MIAMI	FL	UM1AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$2,155,675
2012	UNIVERSITY OF FLORIDA	FL	R01AI097376	Regulation of lytic and latent infection by HSV-1 encoded miRNAs	\$386,302
2012	UNIVERSITY OF MIAMI	FL	R21AI096446	MOLECULAR MECHANISMS FOR TNF-MEDIATED INHIBITION OF B LYMPHOCYTE FUNCTION	\$191,250
2012	UNIVERSITY OF MIAMI	FL	R21AI101823	YSCE/YSCG CHAPERONE-DEPENDENT SECRETION OF YERSINIA PESTIS YSCF	\$191,250
2012	Florida State University	FL	P01AI074805	M TUBERCULOSIS MEMBRANE PROTEIN PHARMACEUTICAL TARGETS	\$1,742,862
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	\$330,750
2012	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$470,985
2012	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$678,226
2012	UNIVERSITY OF FLORIDA	FL	R21AI095780	REPRODUCTIVE INTERFERENCE BETWEEN INVASIVE AEDES VECTORS	\$183,125
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI098098	Genetic screen for P. vivax CQR	\$176,692
2012	FOUNDATION FOR APPLIED MOLECULAR EVOLUTION INC	FL	R01AI098616	Improved HIV Assays by Combining Four Innovations in Nucleic Acid Chemistry	\$370,000
2012	UNIVERSITY OF MIAMI	FL	R01AI101041	Allosteric Costimulatory Blockade	\$382,500
2012	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI035272	LIPID STORAGE AND MOBILIZATION IN M. TUBERCULOSIS AS ANTILATENCY DRUGS TARGETS	\$365,493
2012	UNIVERSITY OF FLORIDA	FL	R01AI077583	THE INTERACTION OF CHLAMYDIA WITH THE HOST CYTOSKELETON	\$358,962

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2012	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	\$413,325
2012	UNIVERSITY OF MIAMI	FL	R21AI093228	SIV-SPECIFIC MAMU-E-RESTRICTED CD8+ T CELLS	\$216,353
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI080626	Characterization of S in the stress & virulence responses of S. aureus	\$327,443
2012	UNIVERSITY OF FLORIDA	FL	K22AI095015	NOVEL APPROACH TO SUPPRESS HIV-1 INNATE INFLAMMATION	\$162,000
2012	UNIVERSITY OF FLORIDA	FL	F31AI094925	Mechanisms of B-Cell Tolerance in a Mouse Model of Lupus	\$34,959
2012	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R21AI101417	FACTORS ASSOCIATED WITH PERSISTENT ANAL HUMAN PAPILLOMAVIRUS INFECTION AMONG MEN	\$294,875
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$363,825
2012	UNIVERSITY OF FLORIDA	FL	R01AI056152	STUDY OF GAMMA INTERFERON AGONISTS/MIMETICS	\$358,962
2012	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$424,417
2012	UNIVERSITY OF MIAMI	FL	R01AI039973	BIOCHEMICAL MECHANISMS OF DRUG RESISTANCE IN HIV RT	\$376,939
2012	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$374,888
2012	UNIVERSITY OF FLORIDA	FL	R01AI079014	Vesicle Trafficking and Bacteria Invasion	\$362,588
2012	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$289,356
2012	UNIVERSITY OF FLORIDA	FL	R03AI101625	CANINE INFLUENZA VIRUS INDUCTION OF TNF	\$70,925
2012	UNIVERSITY OF MIAMI	FL	R01AI095255	Role of TRIF-dependent TLR signaling in intestinal immunity	\$350,624
2012	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI100147	Effect of breast feeding on immunologic priming in young infants.	\$473,130
2012	UNIVERSITY OF MIAMI	FL	R21AI099809	Microbial Translocation in Chronic Fatigue Syndrome	\$181,621
2012	UNIVERSITY OF CENTRAL FLORIDA	FL	R03AI097591	Mechanisms of Membrane Translocation by Protein Toxins	\$66,425
2012	UNIVERSITY OF FLORIDA	FL	R21AI094360	High-Throughput Evaluation of Dendritic Cell-Targeting Vaccine Particles for the	\$218,245
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$363,862
2012	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$430,216
2012	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$390,755
2012	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$346,500
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$312,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	EMORY UNIVERSITY	GA	R01AI020211	CYTOMEGALOVIRUS DNA REPLICATION AND INVERSION	\$379,789
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$558,852
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI048088	Regulation of West Nile virus replication.	\$286,110
2012	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$189,625
2012	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$3,492,097
2012	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$146,666
2012	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$384,588
2012	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	U01AI083005	MANIPULATING NATURAL HOST IMMUNOREGULATION VIA IDO DURING VIRAL INFECTION	\$2,544,175
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI082127	FOXN1 AND MOLECULAR MECHANISM OF THYMIC INVOLUTION	\$349,699
2012	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune R	\$431,244
2012	EMORY UNIVERSITY	GA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$554,946
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI077343	Mechanical Regulation of Selectin-Ligand Binding Kinetics	\$564,467
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI088744	RSV Nanocapsule Vaccine Engineered with a G Protein Peptide Payload	\$557,928
2012	EMORY UNIVERSITY	GA	R01AI090797	MECHANISMS OF SIV SUPPRESSION BY CD8+ LYMPHOCYTES	\$795,676
2012	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$3,068,402
2012	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$1
2012	EMORY UNIVERSITY	GA	K01AI087724	Effect of Nutrition, Immunity, and Vaccines on Pediatric Enteric Infections	\$119,324
2012	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$383,625
2012	EMORY UNIVERSITY	GA	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$934,584
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI095129	DEVELOPMENT OF A NON-INVASIVE WHOLE BODY CONTRAST AGENT FOR VIRUS DETECTION	\$204,880
2012	PATHENS INCORPORATED	GA	R41AI100457	A NOVEL LIVE INTRANASAL TB VACCINE	\$300,000
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI096836	The plant-like vacuole of Toxoplasma gondii	\$371,250
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI102254	TARGETING HOST AND APICOMPLEXAN ISOPRENOID PATHWAYS	\$185,625

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	EMORY UNIVERSITY	GA	R56AI030363	IMMUNE MODULATION IN CYTOMEGALOVIRUS INFECTION	\$387,900
2012	EMORY UNIVERSITY	GA	R56AI061031	CONTROL OF VIRULENCE IN NEISSERIA MENINGITIDIS	\$350,813
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI049194	MYCOPLASMA PNEUMONIAE GLIDING MOTILITY	\$379,211
2012	EMORY UNIVERSITY	GA	R01AI024710	MOLECULAR ANALYSIS OF PLASMODIUM VIVAX SURFACE ANTIGENS	\$548,764
2012	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,426,271
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$480,804
2012	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$248,401
2012	EMORY UNIVERSITY	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$451,195
2012	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$267,083
2012	EMORY UNIVERSITY	GA	K08AI079166	DISSECTING THE PATHWAYS LEADING TO INJURY IN LUNG TRANSPLANTATION	\$128,736
2012	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$720,025
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI089952	Transmission-blocking live vaccine for Chagas disease	\$371,250
2012	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$703,587
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI097941	M. TUBERCULOSIS GENES REQUIRED FOR PULMONARY SURVIVAL REVEALED BY TRACS	\$74,250
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI098998	CURAXINS: LEAD DRUGS AND TARGET DISCOVERY IN THE AFRICAN TRYPANOSOME	\$217,900
2012	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,197,242
2012	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$2,022,028
2012	EMORY UNIVERSITY	GA	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$524,310
2012	EMORY UNIVERSITY	GA	R21AI094449	RBL Binding Domain Malaria Candidate Vaccines	\$176,000
2012	EMORY UNIVERSITY	GA	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$891,740
2012	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$435,600
2012	EMORY UNIVERSITY	GA	P01AI078907	B Cells in Health and Disease	\$2,204,218
2012	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$129,141
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$413,221

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2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI093856	Community Transmission of Tuberculosis in Urban Africa	\$579,860
2012	EMORY UNIVERSITY	GA	R01AI093881	Inducible B-regulatory cells (iBREGs) for treatment of Multiple Sclerosis	\$387,500
2012	EMORY UNIVERSITY	GA	F32AI096709	MECHANISMS OF CD4 T CELL HELP FOR CD8 T CELLS DURING PERSISTENT VIRAL INFECTION	\$53,942
2012	EMORY UNIVERSITY	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$385,438
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R15AI094436	ROLE OF MARCO IN SUSCEPTIBILITY AND RESISTANCE TO TUBERCULOSIS	\$404,817
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K99AI101167	CHARACTERIZATION OF POTASSIUM CHANNELS IN THE HUMAN PARASITE TRYPANOSOMA CRUZI	\$91,193
2012	EMORY UNIVERSITY	GA	R21AI097803	STRUCTURAL STUDIES OF PKR REGULATION BY VIRAL NON-CODING RNA	\$244,792
2012	EMORY UNIVERSITY	GA	R01AI096879	Evolution of CD8+ TCR affinity during chronic viral infection	\$387,489
2012	EMORY UNIVERSITY	GA	R56AI095712	Negative regulation of Plasma cells by CD28 and B7 molecules	\$445,729
2012	EMORY UNIVERSITY	GA	U01AI077821	DEVELOPMENT OF TRANSPLANT STRATEGIES UNIQUELY RESPONSIVE TO THE NEEDS OF CHILDREN	\$1,017,454
2012	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$431,244
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$330,784
2012	EMORY UNIVERSITY	GA	R01AI047498	Phylogeography and Spatial Dynamics of Epidemic Rabies	\$345,926
2012	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$832,606
2012	EMORY UNIVERSITY	GA	U01AI079223	ADJUVANT THERAPIES IMPROVING THE ANTI-REJECTION EFFECTS OF COSTIMULATION BLOCKADE	\$606,945
2012	EMORY UNIVERSITY	GA	R01AI078775	PD-1 MODULATION OF SIV SPECIFIC CD4 AND CD8 T CELL RESPONSES	\$465,133
2012	EMORY UNIVERSITY	GA	R01AI086133	NOVEL VACCINATION STRATEGIES AGAINST EPIDEMIC AND PANDEMIC INFLUENZA VIRUSES TO I	\$383,625
2012	EMORY UNIVERSITY	GA	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$264,026
2012	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI095150	CHARACTERIZATION OF NEF VESICLES AND THEIR EFFECT ON T CELLS AND MACROPHAGE	\$176,875
2012	EMORY UNIVERSITY	GA	R21AI096067	PLASMODIUM CYNOMOLGI AS A MODEL FOR P. VIVAX.	\$176,000

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2012	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	\$375,000
2012	EMORY UNIVERSITY	GA	K22AI087818	ROLE OF CHEMOKINE-LIKE RECEPTOR-1 IN CENTRAL NERVOUS SYSTEM AUTOIMMUNE PATHOLOGY	\$162,000
2012	EMORY UNIVERSITY	GA	UM1AI069418	Emory- Duke- Orlando- CDC (EmDOC) Clinical Trials Unit	\$1,952,108
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$364,715
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI097851	Alternative regulation of ISGs in WNV-infected cells	\$221,250
2012	EMORY UNIVERSITY	GA	R01AI100110	Overcoming maternal antibody-mediated immunosuppression	\$503,660
2012	EMORY UNIVERSITY	GA	R01AI098628	Gut Homing Cells in SIV infection	\$1,323,534
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI096364	NANOTECHNOLOGY-BASED DETECTION OF MYCOPLASMA PNEUMONIAE	\$222,250
2012	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$387,500
2012	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$379,789
2012	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI079277	VISUALIZATION OF INDIVIDUAL FOXP3+ T CELLS DURING AN ONSET AND PROGRESSION OF AUT	\$360,187
2012	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$2,496,127
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	AMINO ACID REPAIR ACTIVITY IN HELICOBACTER PYLORI	\$361,412
2012	EMORY UNIVERSITY	GA	R21AI098581	Escape From Broadly Neutralizing MAbs by Genetically-Linked Early & Late HIV Envs	\$264,000
2012	EMORY UNIVERSITY	GA	R01AI090840	Design of HIV VLPs with Enhanced Immunogenicity	\$492,895
2012	EMORY UNIVERSITY	GA	R21AI102197	NOX1 AND NOX2 AS THERAPEUTIC TARGETS IN INFLUENZA	\$192,808
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI097368	Developing a Novel Mumps Virus Vaccine	\$371,250
2012	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$387,500
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI039033	Mechanisms of Resistance and Susceptibility to African Trypanosome Infection	\$367,538
2012	EMORY UNIVERSITY	GA	R01AI081879	A Model System For Host-Pathogen Interactions: Drosophila And Its Parasitic Wasps	\$341,811
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI084415	Genetic dissection of parasite metabolism	\$334,765
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI083754	Research and Development of a Novel System to Produce Polysaccharide Conjugate Va	\$368,958

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2012	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	\$1
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI096552	Functional analysis of a symbiotic polydnavirus	\$49,214
2012	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$378,634
2012	EMORY UNIVERSITY	GA	R21AI099847	CO-INFECTION OF MICE WITH MHV68 AND RODENT PLASMODIUM SPECIES	\$193,750
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI092022	CAN DRUG TARGETS FROM PARASITIC NEMATODES BE USEFULLY EXPRESSED IN C. ELEGANS	\$234,625
2012	EMORY UNIVERSITY	GA	R01AI097423	T Cell Maturation and the Nexus of Viral- and Allo-Immunity	\$522,258
2012	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	\$5,826,449
2012	EMORY UNIVERSITY	GA	R21AI094402	Chimeric hybrid transmission blocking vaccine for malaria	\$264,000
2012	EMORY UNIVERSITY	GA	R21AI098592	HIV-SPECIFIC B CELL REPERTOIRE IN HUMANS FOLLOWING CROSS-CLADE IMMUNIZATION	\$248,000
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI100246	DEVELOPMENT OF POINT-OF-CARE DIAGNOSTICS FOR NOROVIRUS	\$200,682
2012	EMORY UNIVERSITY	GA	R01AI101047	Novel Influenza A Nanovaccines for Broad Cross Protection	\$553,128
2012	EMORY UNIVERSITY	GA	R01AI078426	PATHOGENESIS OF MURINE POLYOMAVIRUS ALLOGRAFT NEPHROPATHY	\$379,789
2012	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$370,193
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$334,125
2012	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$388,613
2012	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$439,760
2012	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$140,116
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$461,921
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI081800	CYTOKINE REGULATION OF MEMORY CD8 T CELL RESPONSES	\$291,090
2012	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNJ Avoidance	\$1,974,106
2012	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$272,667
2012	EMORY UNIVERSITY	GA	R01AI030048	T Cell Memory To Viruses	\$480,100
2012	EMORY UNIVERSITY	GA	R21AI098800	ARMR: A NOVEL DRUG TARGET AND MEDIATOR OF ANTIBIOTIC RESISTANCE	\$215,725

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2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI099058	MAP3K8-MEDIATED REGULATION OF ADAPTIVE IMMUNE RESPONSES AND AUTOIMMUNITY	\$297,000
2012	GEOVAX INC	GA	U01AI104678	PROJECT 1: IMMUNOGENS AND MANUFACTURING	\$1,859,000
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$145,177
2012	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$722,969
2012	EMORY UNIVERSITY	GA	R01AI078773	INNATE IMMUNITY AND SIV INFECTION	\$2,143,058
2012	EMORY UNIVERSITY	GA	R01AI087798	Role of the Respiratory Syncytial Virus Fusion Protein in Airway Mucus Induction	\$382,802
2012	EMORY UNIVERSITY	GA	P01AI088575	TARGETING MTOR AND CD40 PATHWAYS FOR ADJUVANTING HIV VACCINES	\$1,739,953
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI094624	IMAGING BIOMATERIAL-ASSOCIATED INFLAMMATION	\$225,750
2012	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI097600	Modulation of Bone Morphogenic Protein signaling for cancer immunotherapy	\$224,500
2012	EMORY UNIVERSITY	GA	R21AI094218	CHARACTERIZATION OF A NOVEL DIAGNOSTIC TEST FOR PNEUMOCOCCAL INFECTION	\$241,711
2012	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$991,533
2012	EMORY UNIVERSITY	GA	R01AI099000	Reassortment of influenza viruses in a co-infected host	\$385,800
2012	EMORY UNIVERSITY	GA	R13AI098373	FOURTH SOUTHEASTERN MYCOBACTERIA MEETING	\$4,000
2012	EMORY UNIVERSITY	GA	R21AI095718	COADMINISTRATION OF CAPSID MODIFIED ADENOVIRUS FOR MALARIA VACCINE DEVELOPMENT	\$278,237
2012	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI038282	Kinetic analysis of ligand binding by TCR and CD8	\$388,518
2012	UNIVERSITY OF HAWAII	HI	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$721,269
2012	UNIVERSITY OF HAWAII	HI	R01AI054128	MECHANISM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$330,785
2012	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$464,063
2012	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$613,426
2012	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R43AI098229	DEVELOPMENT OF A RECOMBINANT SUBUNIT VACCINE FOR CCHF	\$261,990
2012	PANTHERA BIOPHARMA LLC	HI	U01AI078067	ANTIDOTES TO ANTHRAX LETHAL FACTOR INTOXICATION	\$1,140,279
2012	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$367,538
2012	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$313,448

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2012	UNIVERSITY OF IOWA	IA	R01AI073872	CLC-3 ION TRANSPORT MODULATES NADPH OXIDASE-DEPENDENT PMN PRIMING BY ENDOTOXIN	\$367,538
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081146	Dissecting the Structure and Function of the PDU Microcompartment in Salmonella	\$496,465
2012	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$371,250
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	U19AI091031	Enhancing B cell immunity against HIV-1 using novel vaccine delivery platforms	\$1,245,610
2012	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$376,582
2012	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,595,795
2012	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$377,500
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI098742	POTENTIATING ANTIBIOTICS AGAINST CAMPYLOBACTER BY INHIBITING EFFLUX	\$188,231
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI101517	PHYLOGENY, STRUCTURE AND VIRULENCE CONTRIBUTIONS OF NMEC'S VIRULENCE PLASMIDS	\$181,261
2012	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$382,349
2012	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$359,182
2012	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$371,250
2012	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$367,538
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$321,693
2012	UNIVERSITY OF IOWA	IA	K08AI079445	ROLE OF ANION TRANSPORTERS IN THE REGULATION OF PMN CHEMOTAXIS	\$127,926
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R33AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$384,944
2012	UNIVERSITY OF IOWA	IA	F31AI093129	HETEROCLITIC AND MODIFIED T CELL EPITOPES IN CORONAVIRUS ENCEPHALOMYELITIS	\$28,872
2012	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$219,881
2012	UNIVERSITY OF IOWA	IA	R01AI078921	QUORUM SENSING-DEPENDENT INTERACTIONS WITH BIOFILMS AND INNATE IMMUNITY DEFENSES	\$376,582
2012	UNIVERSITY OF IOWA	IA	R01AI076244	Subverted host cell signaling by AnkA in Anaplasma phagocytophilum infection	\$294,030
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI092185	CHOLINERGIC RECEPTORS ON THE NEMATODE PHARYNX: AN UNEXPLOITED DRUG TARGET	\$182,809
2012	UNIVERSITY OF IOWA	IA	K01AI075089	SOCIAL NETWORKS AND THE SPREAD OF INFLUENZA AND OTHER NOSOCOMIAL INFECTIONS	\$126,630

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2012	UNIVERSITY OF IOWA	IA	R01AI058740	GBV-C effects on CD4 activation and expansion	\$529,116
2012	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$104,378
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI093703	Cholinergic Receptors as Targets for Accelerated Anthelmintic Discovery	\$328,526
2012	UNIVERSITY OF IOWA	IA	R21AI092331	ROLE OF TRANSCRIPTIONAL REGULATION IN ASPERGILLUS FUMIGATUS DRUG RESISTANCE	\$226,500
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI098079	IMMUNE FACTORS IN VACCINE-ENHANCED PANDEMIC H1N1 INFLUENZA DISEASE	\$185,000
2012	UNIVERSITY OF IOWA	IA	R01AI095178	T cell immunity to Plasmodium sporozoite immunization	\$610,884
2012	UNIVERSITY OF IOWA	IA	R56AI097212	VIRUS AND HOST FACTORS IN HSV CELL-CELL SPREAD	\$373,420
2012	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$633,704
2012	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$353,564
2012	UNIVERSITY OF IOWA	IA	R01AI083286	MEMORY CD8 T CELL RESPONSES AFTER MULTIPLE ANTIGEN ENCOUNTERS	\$364,325
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI097925	ASSAYING THE ANTHELMINTIC POTENTIAL OF A NOVEL FLATWORM-SPECIFIC GPCR FAMILY	\$74,000
2012	UNIVERSITY OF IOWA	IA	R01AI093737	Role of the developmental regulator Gon4-like in B lymphopoiesis	\$125,833
2012	UNIVERSITY OF IOWA	IA	R21AI096850	CELLULAR INTERMEDIATES IN STABLE MEMORY CD8 T CELL MAINTENANCE	\$188,240
2012	UNIVERSITY OF IOWA	IA	R01AI100527	T cell Inhibitory receptor blockade in chronic blood-stage malaria	\$377,500
2012	UNIVERSITY OF IOWA	IA	R01AI055042	REGULATION OF PSEUDOMONAS AERUGINOSA TYPE III SECRETION	\$294,030
2012	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$1,787,757
2012	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$182,846
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	\$951,914
2012	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI075150	REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCGAMMA1	\$318,553
2012	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$367,538
2012	UNIVERSITY OF IOWA	IA	R01AI076233	GENETIC RISK FACTORS FOR VISCERAL LEISHMANIASIS	\$316,083
2012	UNIVERSITY OF IOWA	IA	R01AI087671	Antibacterial Agents that Restrict the Emergence of Resistance	\$371,114
2012	UNIVERSITY OF IOWA	IA	R01AI077519	Filoviral glycoprotein/cellular protein interactions	\$282,967
2012	UNIVERSITY OF IOWA	IA	R21AI099597	TORSINA AND NUCLEAR ENVELOPE FUNCTION IN HSV INFECTION	\$226,500

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2012	IDAHO STATE UNIVERSITY	ID	R15AI098049	ANTIBIOTIC SPECTRUM SCORING TO MEASURE HOSPITAL-LEVEL ANTIBIOTIC DE-ESCALATION	\$365,116
2012	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$319,424
2012	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmids as Vectors of Antibiotic Resistance: The Evolution of Plasmid Host-Range	\$347,636
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI074233	PROTEIN STRUCTURE/FUNCTION BY NMR, CRYSTALLOGRAPHY AND COMPUTATIONAL CHEMISTRY	\$356,651
2012	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$579,320
2012	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$386,250
2012	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$656,684
2012	NORTHWESTERN UNIVERSITY	IL	K08AI080836	ROLE OF NOVEL TH17 CELLS IN ALLOGRAFT REJECTION AND TOLERANCE	\$126,169
2012	UNIVERSITY OF CHICAGO	IL	R01AI075258	ESAT-6 SECRETION IN STAPHYLOCOCCUS AUREUS	\$376,970
2012	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$2,011,498
2012	UNIVERSITY OF CHICAGO	IL	R01AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$342,700
2012	UNIVERSITY OF CHICAGO	IL	F32AI096769	Molecular assemblies as immunomodulators	\$52,190
2012	NORTHWESTERN UNIVERSITY	IL	K08AI089942	HERPES SIMPLEX VIRUS ENTRY RECEPTORS IN IMMUNE MEMORY AND NEWBORN INFECTION	\$129,060
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R33AI080528	Inflammatory response after combined insult of radiation and burn injury	\$354,058
2012	NORTHWESTERN UNIVERSITY	IL	F32AI094945	NEISSERIA GONORRHOEAE G4-BINDING PROTEINS THAT REGULATE PILIN ANTIGENIC VARIATION	\$52,190
2012	UNIVERSITY OF CHICAGO	IL	F32AI093087	ORIGIN AND ADAPTATION OF INFLUENZA-SPECIFIC PLASMABLASTS	\$53,942
2012	ITERATIVE THERAPEUTICS	IL	R43AI096683	Rapid Response Vaccines for Botulinum Neurotoxins	\$287,806
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI097934	Localization and characterization of the Clostridium difficile biofilm	\$186,875
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$272,388
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI101676	NMR-BASED DISCOVERY OF INFLUENZA HEMAGGLUTININ PROBES	\$239,250
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI097809	ELUCIDATING THE ROLE OF THE NPC1L1 CHOLESTEROL UPTAKE RECEPTOR IN HCV INFECTION	\$162,041
2012	IMMUVEN INC	IL	R44AI088786	SOLUBLE HIGH-AFFINITY T CELL RECEPTORS PREVENT MRSA LETHALITY	\$999,999

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2012	UNIVERSITY OF CHICAGO	IL	R21AI094408	DENDRITIC CELL PRODUCED IL-33 IN TH2 RESPONSES	\$189,624
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI041816	LISTERIA VIRULENCE GENE EXPRESSION WITHIN HOST CELLS	\$398,750
2012	NORTHWESTERN UNIVERSITY	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$330,234
2012	NORTHWESTERN UNIVERSITY	IL	R01AI051490	GENETIC AND BIOCHEMICAL STUDY OF V. CHOLERAЕ RTX TOXIN	\$369,988
2012	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$117,976
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$235,373
2012	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$298,931
2012	UNIVERSITY OF CHICAGO	IL	K08AI076596	PATHOPHYSIOLOGY OF STAPHYLOCOCCUS AUREAUS NECROTIZING PNEUMONIA AND SEVERE SEPSIS	\$125,739
2012	NORTHWESTERN UNIVERSITY	IL	R01AI075191	PSEUDOMONAS AERUGINOSA GENOMIC ISLANDS AND VIRULENCE	\$336,298
2012	UNIVERSITY OF CHICAGO	IL	R01AI081987	Investigating the Catalytic Mechanism of the HDV Ribozyme	\$375,456
2012	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$377,438
2012	NORTHWESTERN UNIVERSITY	IL	R21AI092490	A NOVEL AND IMPROVED MOUSE SYSTEM FOR STUDYING MACROPHAGE SPECIFIC GENE DELETION	\$190,625
2012	NORTHWESTERN UNIVERSITY	IL	UM1AI069471	Chicago Clinical Trials Unit	\$2,628,944
2012	NORTHWESTERN UNIVERSITY	IL	R21AI094296	E1A ONCOPROTEIN INDUCED Deregulation OF REPLICATION ORIGIN FIRING	\$190,625
2012	IMMUVEN INC	IL	R43AI102432	Ultrasensitive Detection Probes for Staphylococcus aureus Enterotoxins	\$297,023
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$138,054
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI097670	NOVEL INDIGOID ANTI-TUBERCULOSIS AGENTS	\$199,115
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI092073	THE ROLE OF TRANSFERRIN RECEPTOR 1 IN HEPATITIS C VIRUS ENTRY	\$226,500
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI095673	IMMUNE REGULATION OF MEMORY CD8 T CELLS	\$229,500
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI097809	ELUCIDATING THE ROLE OF THE NPC1L1 CHOLESTEROL UPTAKE RECEPTOR IN HCV INFECTION	\$72,799
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$377,500
2012	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$184,033
2012	UNIVERSITY OF CHICAGO	IL	P01AI053725	GLYCOLIPID PRESENTATION BY CD1D	\$1,324,025

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2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$388,575
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$631,025
2012	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$377,438
2012	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$810,759
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K02AI081869	SIGNIFICANCE OF HEPARAN SULFATE IN HSV-1 SPREAD	\$106,191
2012	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	\$28,136
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$392,263
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$362,229
2012	UNIVERSITY OF CHICAGO	IL	R01AI087658	Mapping eQTLs that affect susceptibility to Tuberculosis	\$590,585
2012	UNIVERSITY OF CHICAGO	IL	R21AI094177	DIFFERENTIAL SIGNALING BY B CELL RECEPTOR IN TOLERANCE INDUCTION	\$234,000
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI097160	DECIPHERING HOW ANESTHETICS INCREASE HOST SUSCEPTIBILITY TO MICROBIAL INFECTION	\$73,003
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI093919	DEVELOPMENT OF A TRANSFORMATIVE APPROACH TO THE RAPID DETECTION, ISOLATION, AND I	\$206,191
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI099953	Integration of infant male circumcision with community health services in Kenya	\$964,748
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI092073	THE ROLE OF TRANSFERRIN RECEPTOR 1 IN HEPATITIS C VIRUS ENTRY	\$0
2012	NORTHWESTERN UNIVERSITY	IL	R01AI098369	Function of Vibrio vulnificus MARTX toxin during early gut infection	\$253,327
2012	NORTHWESTERN UNIVERSITY	IL	T32AI095207	Translational Research Training in Infectious Diseases	\$66,244
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI098187	PROTECTION FROM ENTERIC PATHOGENS BY BENEFICIAL MICROBES	\$258,933
2012	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$97,497
2012	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$369,988
2012	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$372,627
2012	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$378,250
2012	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$144,172
2012	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$475,312
2012	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$377,438

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2012	UNIVERSITY OF CHICAGO	IL	R01AI083375	FUNCTIONAL CONSEQUENCES OF AUTOPHAGY MUTATIONS IN CROHN'S DISEASE.	\$338,747
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI082947	CHARACTERIZATION OF THE MOLECULAR MECHANISM OF MVA-INDUCED NF-KAPPAB ACTIVATION	\$6,822
2012	NORTHWESTERN UNIVERSITY	IL	R01AI080658	Alpha-herpesvirus assembly egress and viral particle heterogeneity	\$301,950
2012	UNIVERSITY OF CHICAGO	IL	R01AI078267	TRANSCRIPTIONAL CONTROL OF HEMATOPOIESIS	\$382,239
2012	UNIVERSITY OF CHICAGO	IL	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$122,958
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanistic Dissection of Pheromone-Dependent Regulation of Group A Streptococcal	\$392,500
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI094037	ANALYSIS AND ENGINEERING OF MD-2 AND RELATED PROTEINS FROM COMMON ALLERGENS	\$230,104
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI094886	MECHANISMS UNDERLYING THE PATHOGENIC POTENTIAL OF CARDIOINVASIVE L. MONOCYTOGENES	\$22,608
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI097529	DEVELOPMENT OF A FUNCTIONAL GENOMICS TOOLBOX FOR SCHISTOSOME PARASITES	\$200,350
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI099642	DEVELOPING COMPARATIVE AND FUNCTIONAL GENOMIC APPROACHES TO STUDY SCHISTOSOMA	\$229,560
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI097969	GENETIC AND MOLECULAR BASIS OF HOST RESISTANCE TO YERSINIA PESTIS.	\$221,534
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI097639	Regulation of B cell lymphocyte responses by TLR10	\$380,958
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097540	Role of ROS and Nrf2 in HHV-8 infection and pathogenesis	\$231,750
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R21AI097830	Photo-inactivation of Leishmania for safe and effective delivery of surrogate vac	\$231,750
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI102468	MOLECULAR MECHANISM OF IMMUNE EVASION BY THE E3-19K PROTEIN OF ADENOVIRUS	\$398,750
2012	UNIVERSITY OF CHICAGO	IL	R01AI071080	MECHANISMS OF TLR-MEDIATED PREVENTION OF TRANSPLANTATION TOLERANCE	\$300,891
2012	NORTHWESTERN UNIVERSITY	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$377,571
2012	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$369,988
2012	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$376,970
2012	NORTHWESTERN UNIVERSITY	IL	R01AI041985	Unconventional APC Inducing Autoimmune Th17 Cell Expansion in Lupus	\$386,250
2012	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$390,000
2012	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$377,401

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2012	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$376,970
2012	NORTHWESTERN UNIVERSITY	IL	F31AI077321	INTERACTION OF HIV WITH MACAQUE GENITAL TRACT	\$29,170
2012	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	\$367,133
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI080705	REGULATION OF THE SALMONELLA PATHOGENICITY ISLAND 1 TYPE III SECRETION SYSTEM	\$362,891
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$602,456
2012	UNIVERSITY OF CHICAGO	IL	R21AI102236	FATTY ACID SYNTHASE INHIBITORS AS BROAD SPECTRUM ANTI-FLAVIVIRAL THERAPEUTICS	\$223,414
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI095795	IN VITRO DETECTION OF ANTI-TB LIVER METABOLITES IN EARLY DRUG DISCOVERY	\$194,829
2012	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$2,084,087
2012	UNIVERSITY OF CHICAGO	IL	R01AI090084	Retroviral Evasion of Immune Response	\$432,127
2012	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	\$126,630
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI095488	Peptide-Based Quorum Sensing Controlling Virulence in Bacillus anthracis	\$398,750
2012	NORTHWESTERN UNIVERSITY	IL	R56AI079056	THE ROLES OF SIRT1, A DEACETYLASE, IN IMMUNE TOLERANCE AND AUTOIMMUNITY	\$386,250
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI101504	NEURONAL-SPECIFIC CARGO-DELIVERY PLATFORMS AS POST-EXPOSURE BOTULISM THERAPIES	\$211,123
2012	UNIVERSITY OF CHICAGO	IL	P01AI097113	Infections and The Stability of Transplantation Tolerance	\$1,139,861
2012	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,650,206
2012	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$384,624
2012	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$398,587
2012	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$390,395
2012	UNIVERSITY OF CHICAGO	IL	U01AI082180	OPTIMIZING INHIBITORS OF T. GONDII ENR	\$854,765
2012	UNIVERSITY OF CHICAGO	IL	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$371,701
2012	NORTHWESTERN UNIVERSITY	IL	R21AI091962	THE ROLE OF THE ARYL HYDROCARBON RECEPTOR IN INTESTINAL IMMUNITY	\$190,625
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI092829	GENERATING REAGENTS TO EXPLORE THE ANITVIRAL POTENTIAL OF TRIM FAMILY PROTEINS	\$74,750
2012	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$380,556
2012	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	T32AI078876	Infection Biology Training Grant	\$179,030

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2012	UNIVERSITY OF CHICAGO	IL	R21AI096530	GATA3 DEREGLATION AND T CELL TRANSFORMATION IN E2A-/- MICE	\$234,000
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$344,149
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI092230	HSV encoded viral functions	\$190,504
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$2,168,559
2012	NORTHWESTERN UNIVERSITY	IL	F32AI089359	ANALYSIS OF HIV-1 UNCOATING	\$58,934
2012	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	UM1AI069512	Units for HIV/AIDS Clinical Trials Networks	\$1,523,588
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$663,922
2012	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$381,250
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI100129	Monocyte Regulation of Infant Immune Responses	\$443,822
2012	ILLINOIS STATE UNIVERSITY	IL	R15AI099977	Branched-chain fatty acids and membrane function in Listeria monocytogenes	\$432,000
2012	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$377,438
2012	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$7,527,882
2012	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$347,490
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$732,407
2012	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI081232	Role of VeA-Dependent Genes and Proteins in Mycotoxin Production and Development	\$354,735
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	F31AI081515	THE ROLE OF SIGNAL TRANSDUCTION CASCADES IN MEDIATING PAPILOMAVIRUS INFECTION.	\$47,232
2012	UNIVERSITY OF CHICAGO	IL	F32AI085709	CHARACTERIZATION OF THE SECRETION PATHWAYS FOR SURFACE PROTEINS IN S. AUREUS	\$53,942
2012	UNIVERSITY OF CHICAGO	IL	R01AI090901	Nedd4 in T Helper Cell Development and Autoimmunity	\$386,100
2012	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$381,250
2012	UNIVERSITY OF CHICAGO	IL	R21AI094444	SYNETHIC PROTEIN AND PEPTIDE ASSEMBLIES AS NOVEL ADJUVANTS AND VACCINES	\$117,000
2012	NORTHWESTERN UNIVERSITY	IL	R13AI095013	THE INTERNATIONAL WORKSHOP ON HIV DYNAMICS AND EVOLUTION	\$25,000
2012	ILLINOIS STATE UNIVERSITY	IL	R15AI094322	Predation, habitat drying, and habitat size and production of vector mosquitoes	\$426,500
2012	UNIVERSITY OF CHICAGO	IL	R01AI087645	Thymic B cells and T cell selection	\$420,821

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2012	LOYOLA UNIVERSITY OF CHICAGO	IL	R21AI101396	TARGETING P. FALCIPARUM GAMETOCYTES FOR DRUG DEVELOPMENT	\$208,100
2012	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$366,561
2012	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$254,842
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI052400	FACTORS AND DNA MOTIFS IN IG CLASS SWITCH	\$438,510
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$146,197
2012	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$3,229,376
2012	UNIVERSITY OF CHICAGO	IL	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$549,748
2012	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$389,432
2012	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R01AI080576	MECHANISMS OF FATIGUE IN A CHRONIC VIRAL DISEASE	\$354,061
2012	NORTHWESTERN UNIVERSITY	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$706,543
2012	NORTHWESTERN UNIVERSITY	IL	R21AI094584	CERVICAL/VAGINAL MUCUS AND MICROBICIDES	\$207,298
2012	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$777,559
2012	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$129,384
2012	NORTHERN ILLINOIS UNIVERSITY	IL	R03AI079496	STUDY OF THE VEA GENE IN THE HUMAN PATHOGEN ASPERGILLUS FUMIGATUS	\$72,500
2012	UNIVERSITY OF CHICAGO	IL	R01AI097434	Role of Staphylococcus aureus alpha-hemolysin in disease	\$390,000
2012	NORTHWESTERN UNIVERSITY	IL	R21AI097867	ROLE OF INNATE IMMUNITY AND INJURY IN TRANSPLANT-INDUCED REACTIVATION OF MCMV	\$193,125
2012	UNIVERSITY OF CHICAGO	IL	R21AI099713	INTERPLAY OF DIET AND THE METABOLOME IN ESTABLISHMENT OF THE JUVENILE GUT MICROBI	\$211,238
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI099339	DEFINING MECHANISMS UNDERLYING LISTERIA MONOCYTOGENES CARDIAC INFECTIONS	\$239,000
2012	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	UM1AI069554	Targeting High-Risk Women for HVTN and Microbicide Trials	\$594,268
2012	NORTHWESTERN UNIVERSITY	IL	R56AI101378	DLL4 REGULATION OF T CELL MIGRATION IN EAE	\$386,250
2012	UNIVERSITY OF CHICAGO	IL	R56AI047380	MECHANISM OF IMMUNOGLOBULIN HYPERMUTATION	\$395,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R56AI089772	ROLE OF THE INFLAMMASOME IN HEPATITIS C VIRUS PATHOGENESIS	\$386,250
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$367,538
2012	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$598,346
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI093271	STRESS RESPONSES IN THE AIDS OPPORTUNISTIC PARASITE TOXOPLASMA GONDII	\$57,734
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI027863	PATHOGENESIS OF HAEMOPHILUS DUCREYI INFECTIONS	\$827,002
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI071121	DETERMINANTS OF GROWTH AND FITNESS IN DRUG RESISTANT MALARIA PARASITES	\$359,195
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$381,150
2012	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$684,798
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090280	MOLECULAR BIOLOGY OF VIRAL CAPSIDS	\$337,856
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	\$388,022
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI096056	Mechanisms of Sap-mediated Antimicrobial Peptide Resistance	\$192,500
2012	PURDUE UNIVERSITY	IN	R01AI095366	Structural studies of Togaviruses	\$642,306
2012	UNIVERSITY OF NOTRE DAME	IN	R21AI101459	GENETIC BASIS OF SALT TOLERANCE IN ANOPHELES GAMBIAE S.L.	\$225,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099753	REGULATING PULMONARY INFLAMMATION BY TYPE I IFN SIGNALING IN NEUTROPHILS DURING I	\$233,500
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI101628	STAT3 IN T HELPER CELL DEVELOPMENT	\$77,917
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI097607	CONTROL OF AIRWAY INFLAMMATION AND TH2 DIFFERENTIATION BY MICRORNA 21	\$193,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI097289	SUPRAMOLECULAR COMPLEXES THAT MEDIATE PNEUMOCOCCAL PG BIOSYNTHESIS AND VIRULENCE	\$382,184
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$332,912
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$369,988
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$371,250
2012	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$399,963
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$377,339
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI080759	LYMPHOPOIETIC DEVELOPMENT IN THE EXTRA-EMBRYONIC YOLK SAC	\$354,504

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2012	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$503,680
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI089808	DISSECTING A NOVEL MECHANISM OF DRUG-INDUCED DEATH IN TOXOPLASMA GONDII	\$262,508
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI097740	BATTLING AIDS VIA MECHANISTIC UNDERSTANDING OF THE TRNA PHE MODIFICATION ENZYME T	\$229,281
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI092297	CONTROL OF INFLAMMATION BY REGULATORY T CELLS AND BCL6	\$231,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI099278	Genetic analysis of mechanisms of chlamydial immune evasion	\$487,642
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067416	NOVEL RNA STRUCTURES IN CORONAVIRUS REPLICATION	\$354,547
2012	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$327,491
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$205,823
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$2,640,584
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090077	Host determinants of alphavirus replication	\$364,887
2012	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	\$333,936
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$381,150
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$375,000
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI097554	Developing Anti-viral Ribozymes to Suppress Arboviruses in Transgenic Mosquitoes	\$563,007
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$375,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$365,762
2012	PURDUE UNIVERSITY	IN	K02AI085403	Modulation of Host Vesicle Trafficking by Legionella pneumophila	\$111,207
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$377,180
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$1,016,761
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$375,000
2012	PURDUE UNIVERSITY	IN	R21AI092043	THE ROLES OF HOST FACTORS IN THE AMPYLATION ACTIVITY OF A BACTERIAL EFFECTOR	\$225,537
2012	UNIVERSITY OF NOTRE DAME	IN	R03AI085485	ENGINEERING HETERO-BIVALENT LIGANDS TO INHIBIT IGE CLUSTERING ON MAST CELLS	\$75,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI097146	ASYMPTOMATIC MEN'S PREFERENCES FOR CHLAMYDIA SCREENING	\$423,381
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$480,376
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077688	THE BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	\$291,616

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2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI100542	Plasticity of IL-9-secreting T cells	\$32,229
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI095282	Cytokine regulation of skin barrier function	\$385,000
2012	UNIVERSITY OF NOTRE DAME	IN	R21AI092484	COMPREHENSIVE IDENTIFICATION OF THE GENETIC REQUIREMENTS FOR ESX-1 SECRETION	\$187,500
2012	PURDUE UNIVERSITY	IN	R01AI049978	HOST ACTIN CYTOSKELETON REARRANGEMENTS INDUCED BY SALMONELLA	\$385,333
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$374,988
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI072020	HPV IN ADOLESCENT WOMEN	\$349,500
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081795	ANALYSIS OF THE FUNCTIONS OF AXON GUIDANCE GENES DURING VECTOR MOSQUITO DEVELOPME	\$375,379
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077564	PROPHAGE CONTRIBUTION TO THE VIRULENCE OF STAPHYLOCOCCUS AUREUS	\$301,871
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	\$1,533,190
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI094234	NEUTROPHIL EXTRACELLULAR TRAPS AND HAEMOPHILUS DUCREYI	\$78,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI095814	ROLES OF PHOSPHATE UPTAKE IN PNEUMOCOCCAL ANTIBIOTIC RESISTANCE AND VIRULENCE	\$230,886
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099307	SIX NEW CHLAMYDIA EPITOPES	\$194,480
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI101624	CHARACTERIZATION OF CALCIUM SIGNALING PROTEINS IN TOXOPLASMA GONDII	\$78,000
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$381,150
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$240,495
2012	UNIVERSITY OF NOTRE DAME	IN	R01AI079125	DIAPAUSE IN CULEX MOSQUITOES	\$597,062
2012	PURDUE UNIVERSITY	IN	R01AI098132	Tyrosine Kinases and Lymphocyte Activation	\$335,249
2012	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI099825	DEVELOPMENT OF FOLLICULAR HELPER T CELL DEFICIENT MICE	\$195,000
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$357,737
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$360,187
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	U01AI081891	DEVELOPMENT OF NOVEL THERAPEUTIC AGENTS FOR NOROVIRUS INFECTION	\$952,801
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$293,040
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI094797	Characterization of PTMs on Env to support HIV vaccine development	\$289,963

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2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI097647	HDV SPREAD DURING CHRONIC INFECTION AS A NOVEL TARGET FOR ANTIVIRAL INTERVENTION	\$188,750
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI095842	The function(s) of serpin-2 in mosquito immunity and physiology	\$369,801
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI091972	Arbovirus midgut escape mechanisms	\$669,799
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI099002	BACTERIAL EFFECTORS TARGETING THE IKK/NF-KB PATHWAY	\$375,460
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI093921	REGULATION OF CELL DEATH BY VIRULENT STRAINS OF FRANCISELLA TULARENSIS	\$188,750
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R56AI091996	TARGETED NANOSCALE ANTIGEN ARRAYS FOR TREATING AUTOIMMUNE DISEASES	\$381,304
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI093913	BACTERIAL EFFECTOR INHIBITION OF TYPE I INTERFERON	\$187,500
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R33AI082697	Biomechanical and Computational Molecular Design of Microbicide Delivery Systems	\$420,257
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI097355	Characterization of hantavirus N protein-mediated translation mechanism	\$188,750
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI092516	THE INFLUENCE OF THE ZXDC PROTEIN ON MYELOPOIESIS	\$75,000
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI077947	PRECLINICAL DEVELOPMENT OF DS-96, A NOVEL ALKYL POLYAMINE ENDOTOXIN SQUESTRANT	\$308,369
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077725	SALICYLATE PRODUCTION IN SIDEROPHORE BIOSYNTHESIS	\$288,149
2012	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI090062	Signaling pathways for tick salivary secretion	\$293,040
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$356,687
2012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K02AI093675	Structure-function analyses of siderophore biosynthetic enzymes	\$106,920
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI092266	REVERSE VACCINOLOGY OF ENTEROTOXIGENIC E. COLI	\$188,750
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI090085	CRYOEM ANALYSIS OF ANTHRAX TOXIN PORE COMPLEXES	\$375,000
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI095236	Identification and characterization of inhibitors for hantavirus replication	\$373,500
2012	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI095425	Drug-induced liver injury associated with anti-retroviral therapy	\$377,500
2012	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI071047	ADJUVANT FUNCTIONS OF DETOXIFIED LPS	\$361,552
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI050656	Molecular Mechanisms Controlling NK Receptors	\$367,874

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2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI092074	TRANSGENIC MOUSE MODELS OF HCV INFECTION AND REPLICATION	\$222,750
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095032	Cooperation of CD8+ T cells and phagocytes to eliminate Toxoplasma cysts	\$371,250
2012	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R33AI088585	Plant-produced Actinohivin as a Candidate HIV Microbicide	\$450,000
2012	REGENEREX LLC	KY	R41AI098336	DELAYED TOLERANCE INDUCTION IN LIVING RELATED DONOR RENAL TRANSPLANT RECIPIENTS	\$299,662
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI097318	Underlying Mechanisms of ApoE in HCV Infection and Assembly	\$371,250
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$358,538
2012	VINDICO NANOTECHNOLOGY INC	KY	R43AI096605	A transfollicular nanovaccine against leishmaniasis	\$300,000
2012	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$822,732
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI095307	Alternative macrophage activation in acute Pseudomonas pneumonia	\$363,645
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI095811	GENETIC REGULATION OF MACROPHAGE POLARIZATION	\$216,497
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R37AI052218	In vitro glycorandomization of natural products	\$365,806
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI098371	CONTRIBUTION OF N-GLYCOSYLATION TO THE TOXOPLASMA GLYCOPROTEOME	\$217,318
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI101373	Role of Rapid IFN γ Secretion by CD $^{*+}$ T cells in Clearance of Food Borne Listeria	\$362,278
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$358,962
2012	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$370,838
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$318,008
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$429,934
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI025098	PLAGUE BIOFILM FORMATION--REGULATION AND FUNCTION	\$297,573
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI092170	NOVEL ACTIVITIES AND THE T. GONDII VACUOLAR MEMBRANE	\$74,250
2012	MOSQUITOMATE INC	KY	R43AI098179	BIOLOGICAL VECTOR CONTROL REDUCING ARBOVIRUSES, INCLUDING DENGUE AND CHIKUNGUNYA	\$179,379
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI096323	MECHANISM OF INHIBITION OF +RNA VIRUS REPLICATION BY CYCLOPHILINS	\$204,132

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2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI091316	AUTUMN IMMUNOLOGY CONFERENCE	\$10,000
2012	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$371,250
2012	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI076067	PATHOGENESIS OF NATURAL SIV AND STLV INFECTIONS IN HUMANS	\$656,599
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$744,861
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI095859	NOVEL CELLULAR & GENETIC ANALYSES USING A NEW CHLAMYDIA PENETRANT PEPTIDE	\$177,500
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI097024	ROLE OF THE LIVER IN MICROBIAL TRANSLOCATION AND AIDS PATHOGENESIS	\$211,250
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI089323	Genetic Requirements for the survival of Tubercle Bacilli in Nonhuman Primates	\$782,989
2012	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI083563	Congenital Transmission of Lineages I and II of Trypanasoma cruzi	\$504,292
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$358,962
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI093307	IDENTIFICATION AND ERADICATION OF HIV TISSUE RESERVOIRS IN A RELEVANT ANIMAL MODE	\$812,757
2012	MINIVAX INC	LA	R41AI097069	DEVELOPMENT OF A NOVEL PCP VACCINE FOR AIDS PATIENTS	\$298,713
2012	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R56AI100881	ORIGIN OF REPEAT BACTERIAL STIS AMONG HETEROSEXUAL MEN	\$418,282
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$414,092
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$358,962
2012	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI082119	PRECLINICAL DEVELOPMENT OF RECOMBINANT ANTIGEN DIAGNOSTICS FOR LASSA FEVER	\$1,316,120
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI100166	A Multiplex Platform for Lyme Disease Diagnosis and Treatment Response	\$243,271
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI093565	A molecular switch of the type III secretion system in Chlamydia trachomatis	\$355,424
2012	CHILDREN'S HOSPITAL	LA	R01AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$469,129
2012	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R21AI099431	MUCOADHESIVE POLYMERS FOR SUBLINGUAL VACCINE DELIVERY	\$188,125
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI097664	A NEW CLASS OF BROAD SPECTRUM ANTIFUNGAL AGENTS	\$213,000

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2012	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI101046	Intercellular communication in Epstein Barr virus reactivation	\$376,250
2012	TULANE UNIVERSITY OF LOUISIANA	LA	R21AI101427	Malaria Vaccine Adjuvant Immunogenicity and Safety	\$235,957
2012	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,509,165
2012	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI092159	THE FUNCTIONAL ROLE OF DRH-1 IN RNAI DIRECTED VIRAL IMMUNITY	\$74,000
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI099080	Molecular and chemical validation of the vacuole as a new antifungal agent	\$368,477
2012	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OSPC REGULATION AND PATHOGENIC STRATEGY OF BORRELIA BURGDORFERI	\$362,637
2012	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI097080	Trichomonas vaginalis repeat infections among HIV negative women	\$782,404
2012	TULANE UNIVERSITY OF LOUISIANA	LA	F31AI094972	The Effects of Antibodies on Vascular Permeability in Dengue Virus Infection	\$38,832
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI099795	Development of the neonatal mucosal immune system in nonhuman primates	\$506,865
2012	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$362,637
2012	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI097059	Macrophages in the pathogenesis of AIDS	\$844,417
2012	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$352,445
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI041707	SKIN HOMING T CELLS -- MOLECULAR CHARACTERIZATION OF CLA	\$420,725
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067472	MEMORY T CELLS IN EAE	\$387,391
2012	BOSTON UNIVERSITY	MA	R01AI048611	THE GONOCOCCAL FUR REGULON: LINK TO PATHOGENESIS	\$358,350
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$506,797
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$367,458
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$245,916
2012	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$635,326
2012	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,768,700
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE	\$666,562
2012	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$460,248
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,968,972
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$514,790
2012	BETH ISRAEL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$435,000

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$433,694
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$393,263
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$482,738
2012	TUFTS MEDICAL CENTER	MA	T32AI007438	NEMCH CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$249,851
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P30AI042845	UMASS CENTER FOR AIDS RESEARCH (CFAR)	\$655,188
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$450,853
2012	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$764,153
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$433,694
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$767,357
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$796,072
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	DISEASE INITATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$125,199
2012	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$780,422
2012	NORTHEASTERN UNIVERSITY	MA	R01AI076372	A SYNERGY-BASED THERAPY AGAINST C. DIFFICILE	\$531,817
2012	NORTHEASTERN UNIVERSITY	MA	R01AI085585	SUPER-PERSISTENT CELLS AND THE PARADOX OF UNTREATABLE INFECTIONS	\$1,068,216
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$425,487
2012	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$2,768,529
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083503	IMMUNODEFICIENCY CAUSED BY MUTATIONS IN LRRC8	\$426,344
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI084785	STRUCTURAL APPROACHES TO HIV-1 IMMUNOGEN DESIGN FOR BNAB GENERATION	\$575,141
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$54,262
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$137,160
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$420,625
2012	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$457,655

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	FRAUNHOFER USA INC	MA	R01AI090815	Bacterial Drug Susceptibility Identification by Surface Enhanced Raman Microscopy	\$765,287
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI093203	INNATE RESISTANCE OF CD4 T CELLS TO HIV-1 INFECTION IN ELITE CONTROLLERS	\$221,250
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$136,350
2012	BETH ISRAEL HOSPITAL	MA	K23AI085181	Dermatotropic cellular immune responses induced by a novel smallpox vaccine	\$128,931
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	\$1,103,251
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	\$517,884
2012	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$482,625
2012	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,983,517
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$519,750
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$766,277
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI080948	INNATE SIGNALING, CYSTEINYL LEUKOTRIENES, AND ASTHMA ELICITED BY HOUSE DUST MITE	\$136,485
2012	UNIVERSITY OF MASSACHUSETTS	MA	R21AI095871	ROLE OF PSTPIP1 IN A MOUSE MODEL OF PAPA SYNDROME	\$205,625
2012	PROCRYSTA BIOLOGIX INC	MA	R43AI095120	CRYSTALLINE ENDOLYSIN TREATMENT FOR TUBERCULOSIS IN TB/HIV CO-INFECTED PATIENTS	\$294,000
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$416,501
2012	TUFTS UNIVERSITY	MA	R21AI092009	EHEC-INDUCED ACTIN REARRANGEMENT AND STX2 TRANSLOCATION ACROSS EPITHELIUM	\$247,500
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	\$414,458
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI091476	Therapeutic use of an enhanced form of CD4-Ig	\$786,427
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI097691	INTERFERON GAMMA-MEDIATED RESTRICTION OF SHIGELLA FLEXNERI REPLICATION	\$205,323
2012	TUFTS UNIVERSITY	MA	R21AI097573	STRUCTURAL MECHANISM OF HERPESVIRUS NUCLEAR EGRESS	\$247,500
2012	TUFTS UNIVERSITY	MA	R03AI095893	RNAI-BASED FUNCTIONAL ANALYSIS OF SCHISTOSOME CD59-LIKE AS COMPLEMENT REGULATORS	\$82,500

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2012	UNIVERSITY OF MASSACHUSETTS	MA	R21AI093302	IMMUNOSTIMULATORY PROPERTIES OF CHITIN AND CHITOSAN	\$205,625
2012	ARIETIS CORPORATION	MA	R43AI098327	COMPOUNDS TO TREAT HELICOBACTER PYLORI INFECTION	\$295,897
2012	BOSTON UNIVERSITY	MA	R03AI094199	GENERATION OF IKAROS CONDITIONAL KNOCKOUT MICE	\$81,750
2012	MICROBIOTIX, INC	MA	R43AI098247	INHIBITORS OF S. AUREUS BNOS FOR ADJUNCTIVE THERAPY	\$290,500
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100135	Modeling distinct neonatal purine metabolism to inform vaccine development	\$435,000
2012	BOSTON UNIVERSITY	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	\$297,207
2012	MICROBIOTIX, INC	MA	R44AI068185	TYPE III SECRETION INHIBITORS FOR ANTI-INFECTIVE THERAPY	\$979,998
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$414,846
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI100762	Methods to find and model predictors of the causal effect of HAART	\$323,000
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI102634	DYNAMIC STRATEGIES FOR THE CLINICAL MANAGEMENT OF HIV DISEASE	\$571,553
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI064285	MANIPULATION OF EPITHELIAL CELLS BY SHIGELLA	\$435,209
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI098446	Immunoglobulins Delivered by AAV Vector for the Prevention of SIV Infection	\$810,091
2012	BOSTON MEDICAL CENTER	MA	R21AI102774	NEUTRALIZING AND NON-NEUTRALIZING ANTIBODIES PROTECTION FROM BREAST MILK HIV-1	\$253,500
2012	BETH ISRAEL HOSPITAL	MA	U01AI102427	Taming inflammation to create transplant tolerance	\$832,423
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI092305	Vascular Endothelial Growth Factor Receptor Interactions and Allograft Rejection	\$499,023
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093282	Novel disposable microchips for HIV-1 viral load	\$446,250
2012	BETH ISRAEL HOSPITAL	MA	R56AI097315	Role of Fc Receptor Polymorphisms in Antibody-Mediated Protection	\$874,453
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI104274	Nanowell-based single-cell technology for characterizing clinical samples ex vivo	\$406,318
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073109	INCIDENCE AND PREDICTORS OF MYOCARDIAL INFARCTION AMONG HIV-INFECTED PATIENTS	\$137,922
2012	GLSYNTHESIS, INC	MA	R44AI051103	PRECLINICAL DEVELOPMENT OF A NOVEL ANTIBACTERIAL FOR CLOSTRIDIUM DIFFICILE DISEAS	\$1,415,514
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI051559	ROLE OF NEGATIVE T CELL COSTIMULATORY PATHWAYS IN ALLOGRAFT REJECTION AND TOLERAN	\$381,076
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$383,709

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$409,625
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	\$517,500
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$598,783
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$645,535
2012	TUFTS UNIVERSITY	MA	R01AI056234	Genetic analysis of inflammatory responses in wild-derived mice	\$412,500
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$334,224
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$236,543
2012	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,646,962
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$4,195,217
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$2,970,192
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOIMMUNOMICS AND VIBRIO CHOLERAEE VACCINE DEVELOPMENT	\$1,089,549
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$419,495
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$253,205
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084106	IMMUNE RESPONSES AGAINST HIV-INDUCED CELL-DERIVED NEOEPITOPES AND HIV CONTROL	\$512,985
2012	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI076425	TB VACCINE CANDIDATES FOUND IN PATIENTS' BODILY FLUIDS AND MURINE MHC-1 MOLECULE	\$545,562
2012	BETH ISRAEL HOSPITAL	MA	K23AI074638	DEVELOPMENT AND EVALUATION OF A NOVEL DIAGNOSTIC TEST FOR ACTIVE TUBERCULOSIS	\$126,630
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$396,451
2012	MICROBIOTIX, INC	MA	U01AI082052	DEVELOPMENT OF A NOVEL LEAD SERIES AGAINST CATEGORY A & B BACTERIAL PATHOGENS	\$1,174,338
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084657	ELUCIDATING THE ROLE OF T-REGS IN ENGRAFTMENT, GVHD, AND DLI IMMUNOTHERAPY	\$421,324
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI079085	Molecular T. vaginalis-host interactions in relevance to inflammatory sequelae	\$736,268
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$404,403
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$343,035
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T-CELLS	\$403,066
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	\$133,515

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI092967	Molecular Mechanisms of Modulation of N-WASP activity	\$49,214
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI085033	Identifying essential functions in non replicating Mycobacterium tuberculosis	\$137,295
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$10,374
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI090102	COMMENSAL BACTEROIDES SIGNAL THROUGH SPHINGOLIPID RAFTS DURING INTESTINAL STRESS	\$61,393
2012	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,310,720
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099473	Human copy number polymorphism and severe malaria	\$551,239
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI083510	Functional role of RAG2 H3K4me3 interaction in V(D)J recombination	\$438,075
2012	NORTHEASTERN UNIVERSITY	MA	R01AI085005	A HIGH-THROUGHPUT SCREEN FOR SPECIFIC ANTI-M. TUBERCULOSIS COMPOUNDS	\$384,863
2012	DANA-FARBER CANCER INSTITUTE	MA	R21AI092378	PLEXIND1-REGULATED INTRATHYMIC MOVEMENT	\$158,575
2012	GLYCOSYN INC	MA	R44AI079854	OLIGOSACCHARIDES TO PREVENT INFECTIOUS DIARRHEA	\$258,270
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	\$133,515
2012	IMMUNETICS, INC	MA	R44AI080021	CONFIRMATORY IMMUNOBLOT TEST FOR CHAGAS' DISEASE	\$752,307
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R03AI094401	URBAN MALARIA MAPPING: A NEW METHODOLOGY TO ASSESS SPATIO-TEMPORAL TRENDS	\$77,250
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$427,433
2012	BETH ISRAEL HOSPITAL	MA	UM1AI069412	Harvard/Boston/Providence Clinical Trials Unit (Harvard/B/P CTU)	\$1,095,523
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$9,139,655
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$1,842,354
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire: partnering with DNA -PK	\$423,750
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI098480	Impact of Chemotherapy and Stem Cell Transplant on HIV-1 Reservoir Dynamics	\$137,970
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	\$437,500
2012	BOSTON UNIVERSITY	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Feve	\$991,807

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI091684	SIGN RECEPTORS AND THE ANTIINFLAMMATORY ACTIVITY OF SIALYLATED IGG FCS	\$162,000
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097745	CHARACTERIZATION OF LYMPHATIC CONTRACTION DURING INFECTION	\$262,000
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI098705	MULTIPLEXED TARGETING OF PSEUDOMONAS AERUGINOSA ESSENTIAL OUTER MEMBRANE PROTEINS	\$242,420
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI097015	Accurate and Efficient Measures for HIV Incidence	\$407,875
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,787,094
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI089350	Novel Strategy for HIV Drug Resistance Monitoring in Developing Countries.	\$320,061
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	\$3,094,141
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI100902	PROBES FOR FLUIDS IN BACTERIAL SWARMS	\$253,500
2012	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R21AI098159	ENZYMATIC MODIFICATION OF ANTI-DEC205 TO MANIPULATE ITS IMMUNOGENIC PROPERTIES	\$292,500
2012	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI102498	Polymicrobial dynamics in transfer of vancomycin resistance to MRSA	\$47,114
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI051164	Methods to Advance the HIV Prevention Research Agenda	\$403,750
2012	AMBERGEN	MA	R43AI100424	Multiplexed Bead-based In Vitro Pediatric Allergy Test	\$298,459
2012	MICROBIOTIX, INC	MA	R01AI099269	Validating targets in p. aeruginosa type III secretion using chemical probes	\$862,926
2012	MICROBIOTIX, INC	MA	R44AI072861	Identification of Novel Broad Spectrum Influenza Virus Inhibitors	\$1,000,000
2012	GLSYNTHESIS, INC	MA	R43AI100300	Oral prodrug of a novel antiviral that blocks neuronal reactivation of HSV	\$300,000
2012	BIOMEDICAL RESEARCH MODELS, INC	MA	R43AI102292	A MUCOSAL RSV VACCINE	\$300,000
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093771	Secreted antimicrobial proteins of the intestinal Bacteroidales	\$395,895
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$752,954
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI100889	ROLE OF IL-4R-ALPHA SIGNALING IN FOOD ALLERGEN SENSITIZATION AND ANAPHYLAXIS	\$290,000
2012	DANA-FARBER CANCER INSTITUTE	MA	R56AI019807	T CELL ANTIGEN RECOGNITION	\$429,561
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI097834	CYTOTOXICITY OF BOTULINUM NEUROTOXINS	\$437,500
2012	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI033456	ASSEMBLY OF MHC CLASS I MOLECULES IN VITRO AND IN VIVO	\$810,147
2012	BETH ISRAEL HOSPITAL	MA	R01AI049954	GENE TRANSCRIPTION IN SLE	\$416,543

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2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$437,500
2012	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$1,815,308
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$470,384
2012	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	\$1,884,254
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$403,066
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$434,475
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$711,135
2012	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$435,000
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$366,424
2012	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$2,007,348
2012	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$383,464
2012	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$399,146
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI077801	VITAMIN D DEFICIENCY AND THE SEVERITY OF BRONCHIOLITIS	\$132,300
2012	TUFTS UNIVERSITY	MA	K25AI079404	LIGHT WEIGHT MODELING OF EPSTEIN BARR VIRUS	\$124,632
2012	BETH ISRAEL HOSPITAL	MA	P01AI076210	PRIMARY IMMUNO-DEFICIENCIES AFFECTING SPECIFIC STAGES OF THE IMMUNE RESPONSE	\$1,808,155
2012	UNIVERSITY OF MASSACHUSETTS	MA	U24AI082663	TLR ECTODOMAINS FOR MICROBIAL DETECTION AND THERAPEUTICS	\$561,733
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$845,738
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI078908	Regulation of Pulmonary Inflammation by Leukotriene E4	\$480,798
2012	BOSTON UNIVERSITY	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	\$422,749
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$413,749
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI084102	STAPLED ANTIGENS FOR HIV-1 VACCINATION	\$428,794
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$330,167
2012	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$482,625
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI086134	Thymic Rejuvenation for the Induction of Transplantation Tolerance	\$422,591
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081842	Molecular Mechanisms of Rhabdovirus Entry	\$413,685
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI089698	A METHOD FOR THE DESIGN OF LOW-COST PAPER-BASED POINT-OF-CARE DIAGNOSTIC DEVICES	\$52,190

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2012	SPRING BANK TECHNOLOGIES INC	MA	R01AI094469	Preclinical Development of SB 44 as an Orally Bioavailable Anti-HBV Agent	\$590,928
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084884	Mechanisms of anti-fungal immunity mediated by SCARF1 and CD36	\$416,331
2012	TUFTS MEDICAL CENTER	MA	R21AI097971	Role of Endosomal Localization in Toll-like receptor 2 Responses to Borrelia	\$198,750
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI096054	NEW ELEMENTS OF THE TARGET OF RAPAMYCIN PATHWAY IN CANDIDA ALBICANS	\$217,500
2012	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	\$559,937
2012	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$977,629
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$580,325
2012	INTELLIGENT BIO-SYSTEMS INC	MA	R44AI074232	NOVEL DIAGNOSTIC SEQUENCING SYSTEM FOR HIV RESISTANCE TESTING	\$981,200
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI092399	Role of T cell Specific Adaptor Protein in Alloimmunity	\$261,000
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI099689	ROLE OF HOST CELL METABOLISM IN SUPPORTING INTRACELLULAR TRYPANOSMA CRUZI GROWTH	\$242,250
2012	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	F32AI102520	The Evolutionary Dynamics of Plasmid Uptake in Pathogenic Bacteria	\$49,214
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097696	Laser-facilitated delivery of malarial sporozoites from the skin to liver	\$212,244
2012	DETECTOGEN INC	MA	R43AI100327	VALIDATION OF A NEW VL VACCINE CANDIDATE IN DOGS THAT SIGNIFICANTLY PROTECTS MICE	\$300,000
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R13AI102383	BOSTON BACTERIAL MEETING	\$6,000
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099144	Identifying and validating new antibiotic targets in cell wall synthesis pathways	\$936,346
2012	TUFTS UNIVERSITY	MA	R01AI100741	Hospital and Household Studies of Respiratory Cryptosporidiosis and Transmission	\$748,322
2012	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI101018	Antibiotics from nose and throat commensals that impact pathogen colonization	\$463,579
2012	BOSTON UNIVERSITY	MA	R21AI100180	DEVELOPMENT OF NOVEL FIELD-APPROPRIATE DIFFERENTIAL DIAGNOSTICS OF MULTIPLE PATHO	\$222,084
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI099708	Interplay between the Endocrine and Innate Systems of Drosophila	\$415,209
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI099243	Immune Responses to Vibrio cholerae infection and vaccination in Haiti	\$773,078
2012	UNIVERSITY OF MASSACHUSETTS	MA	R56AI067497	REGULATION OF TYPE I INTERFERON GENE EXPRESSION IN THE INNATE IMMUNE RESPONSE	\$415,209

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2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072004	RHESUS MONKEY RHADINOVIRUS GLYCOPROTEINS, ENTRY, AND NEUTRALIZATION	\$382,607
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$415,317
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI052455	GROUP B. STREPTOCOCCI AND TOLL-LIKE RECEPTORS	\$426,011
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007349	Training in Immunology and Virology	\$179,820
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$414,092
2012	DANA-FARBER CANCER INSTITUTE	MA	R37AI053102	GENERATION OF ANTIGEN-SPECIFIC REGULATION T CELLS	\$636,778
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$1,999,518
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI100766	The effect of type I IFN and IL-12 signaling on T cell immunity to tuberculosis	\$230,199
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$454,278
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$419,513
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$747,273
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$528,027
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$428,640
2012	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	CELLULAR IMMUNITY TO CATEGORY A-C VIRUSES IN HUMANS	\$3,143,817
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$622,585
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$931,350
2012	BOSTON UNIVERSITY	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$1,446,237
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$166,512
2012	DANA-FARBER CANCER INSTITUTE	MA	K01AI073861	STUDIES ON THE EPIDEMIOLOGY OF H5N1 INFLUENZA EVOLUTION	\$93,040
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$458,407
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Molecular signaling in Shigella dissemination	\$475,769
2012	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$2,478,197
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI076534	CD4 EFFECTOR CONTRACTION IN INFLUENZA	\$407,138
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$496,069
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$403,066

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2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$825,593
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078957	CHEMICAL BIOLOGICAL AND GENOMIC APPROACHES TO BACTERIAL VIRULENCE REGULATION	\$433,694
2012	TUFTS UNIVERSITY	MA	R01AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$408,227
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$2,902,971
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$137,160
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,718,593
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$137,085
2012	TRUSTEES OF AMHERST COLLEGE	MA	R15AI101941	Determining function of flagellar regulatory protein IC138 in trypanosomes.	\$401,582
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$570,259
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089339	A MICROENGRAVING TECHNOLOGY FOR THE STUDY OF LATENTLY HIV-INFECTED PRIMARY CELLS	\$405,590
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$33,583,843
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$441,345
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$435,000
2012	FIRST LIGHT BIOSCIENCES INC	MA	R44AI080016	RAPID SENSITIVE LOW-COST TEST FOR RESISTANT MICROBES CAUSING HOSPITAL INFECTIONS	\$981,430
2012	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,168,515
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$442,500
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI095635	POU6F1 TRANSCRIPTIONAL CONTROL OF MEMORY CD8+ T CELLS	\$207,862
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI092388	CHEMOKINE RECEPTOR CCR7 IN TISSUE-SPECIFIC T CELL IMPRINTING AND AUTOIMMUNITY	\$203,225
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$604,912
2012	MICROBIOTIX, INC	MA	R43AI100339	NOVEL PLASMODIAL SURFACE ANION CHANNEL INHIBITORS AS ANTIMALARIAL DRUGS	\$299,966
2012	TUFTS MEDICAL CENTER	MA	K23AI097010	Namibia ART Patient Tracing Intensification and Predictors of Loss to Follow-up	\$132,705

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2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI099204	Chemical Inhibitors to Define an Essential M. Tuberculosis Signaling Network	\$1,301,887
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI098637	Apoptosis and efferocytosis: regulators of immunity to tuberculosis	\$489,499
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$833,283
2012	BOSTON UNIVERSITY	MA	U01AI100015	Rapid Initiation of Antiretroviral Therapy to Promote Early HIV/AIDS Treatment in South Africa	\$331,693
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI099081	CHROMATIN AND HERPES SIMPLEX VIRUS LATENCY	\$493,293
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI098485	Lentiviral Resistance to Tetherin	\$437,500
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K01AI101010	Epidemiology and modeling of the population dynamics of influenza and antimicrobi	\$125,253
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI100703	Humoral Correlates of Protection Against HIV	\$855,955
2012	BETH ISRAEL HOSPITAL	MA	R01AI095308	Characterization of new Ca ²⁺ channels that underpin immunological decision making	\$435,000
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI102693	NKT cells as modulators of AIDS vaccine efficacy	\$846,896
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI063928	GAMMA-2 HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$604,524
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI097468	INFLUENCE OF CHEMOKINE RECEPTORS ON T CELL CYTOKINE PROFILES IN SKIN	\$205,463
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R56AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$279,470
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI048833	CLASS II MHC ANTIGEN PROCESSING IN DENDRITIC CELLS	\$398,166
2012	BETH ISRAEL HOSPITAL	MA	R01AI022571	CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	\$416,543
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI030914	INHIBITION OF HIV 1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	\$371,948
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	INNATE CYTOKINE RESPONSES THAT REGULATE AUTOIMMUNITY	\$356,487
2012	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$28,754
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI051378	EXTRATHYMIC T CELL PRECURSORS: COMMITMENT AND EFFICACY	\$386,278
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081734	MECHANISMS OF ACCEPTANCE IN MOUSE RENAL ALLOGRAFTS	\$438,075
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI102405	Approaches to Tolerance of Allogeneic Kidney and Islet Transplants	\$1,559,520
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$229,814
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$655,883
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$430,652

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2012	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$294,130
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$427,715
2012	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$404,291
2012	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$405,158
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$413,658
2012	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$412,500
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$677,181
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,184,474
2012	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$408,375
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$795,032
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$144,796
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$434,750
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$432,507
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI083516	MECHANISMS OF PULMONARY MAST CELL RECRUITMENT AND MATURATION	\$397,921
2012	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$123,451
2012	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$1,950,792
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI078287	HOW CELL DEATH AND STERILE PARTICULATES STIMULATE INFLAMMATION AND DISEASE	\$403,066
2012	BOSTON UNIVERSITY	MA	U01AI082954	EARLY HOST IMMUNE RESPONSE IN PROTECTION AGAINST FILOVIRUS INFECTION	\$664,703
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084579	INFANT MALE CIRCUMCISION IN BOTSWANA: FEASIBILITY, SAFETY AND ACCEPTABILITY	\$136,957
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI076471	HTS FOR ENHANCERS OF NEUTROPHIL FUNCTION THAT SPECIFICALLY AUGMENT PIP3 SIGNAL	\$383,710
2012	BETH ISRAEL HOSPITAL	MA	R01AI075129	STORE OPERATED CALCIUM INFLUX IN CELLS OF THE IMMUNE SYSTEM	\$416,500
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$132,300
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$137,025
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083497	PROGRAMMED NECROSIS IN IMMUNE RESPONSES	\$407,138

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI076505	MUTATIONS IN THE SIAE GENE AND SUSCEPTIBILITY TO AUTOIMMUNE DISEASES	\$438,075
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$514,621
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078784	TLR-MEDIATED GENDER DIFFERENCES IN HIV-1 PATHOGENESIS	\$438,075
2012	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$430,650
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI095109	Engineered lipid vesicles as potent vaccine vectors for HIV	\$320,664
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081846	Regulation of chronic viral infection by co-inhibitory pathways	\$134,927
2012	DANA-FARBER CANCER INSTITUTE	MA	R21AI088521	MODULATION OF TUMOR SUSCEPTIBILITY TO NK CELLS INDUCED BY JAK FAMILY GENES	\$218,750
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI085911	THE REGULATORY FUNCTION OF DNA METHYLATION IN MYCOBACTERIUM TUBERCULOSIS	\$55,670
2012	MICROBIOTIX, INC	MA	R43AI092964	QUINOLINE-BASED INHIBITORS OF BONT/A LC	\$293,999
2012	TUFTS MEDICAL CENTER	MA	R21AI094678	HIV, ART AND THE INTESTINAL MICROBIOTA	\$232,717
2012	BOSTON UNIVERSITY	MA	R21AI101442	Multimodal imaging of antibody-mediated therapy during acute viral encephalitides	\$198,507
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077558	Cytoadherence and sequestration in malaria transmission stages	\$404,663
2012	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	\$1,058,736
2012	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$469,922
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$530,122
2012	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI096791	UV-BASED APPROACH FOR ACCESSING NEW ANTIBIOTICS	\$299,973
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	F32AI098308	Identification of HIV-1 Restriction Factors through Functional Genomic Screens	\$54,190
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083505	ITK: an emerging target for treatment of T cell-mediated autoimmune disease	\$567,298
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$556,313
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI102816	Interferon Effects on HIV Transmission in Human Models	\$934,177
2012	MICROBIOTIX, INC	MA	R43AI098263	INHIBITORS OF WALL TEICHOIC ACID BIOSYNTHESIS OF STAPHYLOCOCCUS AUREUS	\$300,000
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI089781	Innate Immunity and Cardiovascular Function	\$565,404
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI094195	TRANSCRIPTOME PROFILING OF TRYPANOSOMA CRUZI AND ITS HOST CELL	\$195,652
2012	EXPRESSIVE CONSTRUCTS, INC	MA	R43AI100502	RAPID DETECTION OF PERIPROSTHETIC JOINT INFECTION	\$298,291

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2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI103035	Autoimmunity in Rag Deficiency: A Nexus of Immunodeficiency and Dysregulation	\$137,160
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$434,470
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100114	Enhancing neonatal immunity to Streptococcus pneumoniae	\$415,000
2012	TUFTS UNIVERSITY	MA	R03AI095861	TESTING A ROLE FOR ACTIVATION-INDUCED DEAMINASE IN OMENNS SYNDROME B-CELL AUTOIMM	\$82,500
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI095686	Structural Vaccinology of the Malaria Sporozoite Surface Sheath	\$301,874
2012	BETH ISRAEL HOSPITAL	MA	R01AI099122	Novel Antimicrobials Targeting Bacterial Type IV Secretion Systems	\$390,020
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI102266	Transposon Mutagenesis for Host-Target and Drug Discovery in Infectious Disease	\$214,709
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI098487	Inhibitors of host kinases as molecular targets for immune defense against HIV-1	\$435,416
2012	MICROBIOTIX, INC	MA	R44AI082799	Novel Methylenecyclopropane Analogues as Anti-Human Herpesvirus 6 and 8 Agents	\$1,000,000
2012	NETWORK BIOSYSTEMS INC	MA	R44AI084206	A Rapid Point-of-care Diagnostic for C. trachomatis STDs	\$1,000,000
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI095740	Mechanisms of Haemophilus influenzae pathogenesis in the lung	\$237,927
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$1,125,496
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI093752	DNA sensors and associated signaling pathways in the innate immune response	\$365,225
2012	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$129,858
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$856,882
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI067731	ANTIGEN-SPECIFIC CD8+ T CELLS AND PROTECTIVE IMMUNITY TO TUBERCULOSIS	\$506,783
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI074958	INTRACELLULAR BACTERIAL RECOGNITION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$280,744
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$231,589
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$344,520
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI053669	TEMPORAL REQUIREMENTS FOR INTRACELLULAR PATHOGENESIS	\$391,277
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI053330	Human Decidual Leukocytes and Their Placental Ligands	\$499,560
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$423,878

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2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$474,831
2012	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$633,945
2012	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$805,886
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$408,796
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059746	SYNOVIAL MAST CELLS IN INFLAMMATORY ARTHRITIS	\$422,359
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$486,840
2012	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$9,348,479
2012	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$509,924
2012	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$564,376
2012	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$416,543
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$137,648
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$2,386,489
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI081675	VIRUS INDUCED IMMUNOPATHOLOGY	\$403,066
2012	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$1,372,884
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI079260	STRUCTURAL AND FUNCTIONAL STUDIES OF THE IKAPPAB KINASE (IKK) COMPLEX	\$347,172
2012	BRANDEIS UNIVERSITY	MA	R01AI080791	MULTISCALE MODELING OF MECHANISMS FOR VIRAL CAPSID ASSEMBLY AND POLYMORPHISM	\$228,304
2012	BOSTON COLLEGE	MA	R01AI081924	Cytoskeleton scaffold assembly in Toxoplasma gondii	\$345,118
2012	IQUUM INC	MA	R44AI085892	AUTOMATED MOLECULAR DIAGNOSTICS FOR RAPID DETECTION OF DENGUE VIREMIA USING WHOLE	\$765,107
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI083036	AN HIV PREVENTION PROGRAM FOR MOCHUDI, BOTSWANA	\$776,183
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090867	INDUCING NEUTRALIZING ANTIBODIES TO HIV BY INHIBITING SIAE	\$904,644
2012	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$123,012
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI084546	GUT MUCOSAL IMMUNITY TO HIV-1 IN CONTROLLED AND PROGRESSIVE INFECTION	\$126,702
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI085581	IDENTIFYING NOVEL ANTI-INFECTIVES BY HIGH THROUGH-PUT SCREENING IN WHOLE ANIMALS	\$1,035,268
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI100023	IMPROVING DIAGNOSTIC CAPABILITIES FOR TYPHOID FEVER	\$279,312
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI100190	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	\$240,750
2012	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$1,136,663

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2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$380,136
2012	BRANDEIS UNIVERSITY	MA	R01AI090745	Rational and Combinatorial Design of Immunogens to Elicit 2G12-like Antibodies	\$540,103
2012	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$473,889
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R21AI094363	A CELLULAR CHIP FOR HIGH-THROUGHPUT MEASUREMENTS OF SINGLE, GROWING CELLS	\$298,510
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI100263	A Gene therapeutic approach to stable suppression of HIV-1 replication	\$2,225,513
2012	UNIVERSITY OF MASSACHUSETTS	MA	F32AI093049	EXOGENOUS CARBOHYDRATES ARE REQUIRED FOR SURVIVAL FOR M. TUBERCULOSIS	\$53,942
2012	RADIKAL THERAPEUTICS INC	MA	R43AI098146	CHEMOKINE DECOY RECEPTOR: A NOVEL THERAPY OF IBD	\$222,371
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI097699	REGULATORY MECHANISMS OF THE MDA5-MEDIATED ANTIVIRAL INTERFERON RESPONSE	\$218,750
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI095338	The Role of Hepoxilin A3 in Neutrophil Breach of the Infected Airway Mucosa	\$440,966
2012	BIOHELIX CORPORATION	MA	R43AI098393	LOW-COST, RAPID QUANTITATIVE ISOTHERMAL ASSAY FOR HIV RNA USING ZNA	\$300,000
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI099435	IGG GLYCOSYLATION ABNORMALITIES IN PEDIATRIC IMMUNODEFICIENCY	\$267,750
2012	BOSTON UNIVERSITY	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$3,599,973
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI097225	Breath Volatile Metabolites for the Diagnosis of Emerging Invasive Mold Infection	\$135,960
2012	CLARK UNIVERSITY	MA	R15AI092577	COMMUNITY DIVERSITY AND PARASITE DYNAMICS	\$380,000
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	UM1AI069456	Botswana-Harvard School of Public Health AIDS Initiative Partnership CTU	\$2,772,513
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI100887	Immune repertoire and function in typical and atypical SCID	\$606,518
2012	MICROBIOTIX, INC	MA	R41AI096702	A NOVEL BIS-INDOLE COMPOUND AGAINST CATHETER COLONIZATION	\$299,999
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$415,209
2012	AURITEC PHARMACEUTICALS LLC	MA	R44AI081552	PRECLINICAL DEVELOPMENT OF A TENOFOVIR INTRAVAGINAL RING FOR HIV PROPHYLAXIS	\$978,004
2012	BIOHELIX CORPORATION	MA	R41AI092913	INTEGRATED MOLECULAR DIAGNOSTIC SYSTEM FOR THE POINT-OF-CARE	\$240,925
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI100278	EFFECTS OF LYMPHANGIOGENESIS BLOCKADE ON SKIN ALLOGRAFT REJECTION	\$168,990
2012	NETWORK BIOSYSTEMS INC	MA	R43AI096768	A RAPID POINT-OF-CARE DIAGNOSTIC FOR NEISSERIA GONORRHOEAE STDS	\$294,001
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R03AI097724	PHENOTYPIC CHARACTERIZATION OF ITM2A-DEFICIENCY IN T CELLS	\$86,895

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI098696	TARGETING THE OUTER MEMBRANE PROTEIN TRANSLOCATION PATHWAYS	\$224,968
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	UM1AI069472	Partners Healthcare Systems/Harvard Medical School/Boston Medical Center AIDS CTU	\$3,226,409
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI102223	HOST VASCULAR MECHANISM FOR THERAPEUTIC PROTECTION AGAINST SELECT PATHOGENS	\$246,732
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$430,550
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI101897	Serum microRNA as biomarker for radiation injury to lung and hematopoietic cells	\$425,386
2012	TUFTS MEDICAL CENTER	MA	R21AI102813	O-GLYCAN SYNTHESIS: POTENTIAL TARGETS FOR INTERVENTION IN CRYPTOSPORIDIOSIS	\$198,750
2012	SERACARE LIFE SCIENCES INC	MA	R43AI098567	RAPID TEST FOR RECENT HIV INFECTION AND INCIDENCE PANELS FOR ASSAY EVALUATION	\$299,771
2012	BETH ISRAEL HOSPITAL	MA	R56AI099012	Regulation of chromatin modifications by miRNAs to control cytokine expression	\$435,000
2012	BOSTON UNIVERSITY	MA	R01AI073149	CO-FACTORS IN HIV MUCOSAL INFECTION	\$536,565
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI077795	CD1D-RESTRICTED NKT CELLS IN MICROBIAL INFECTION	\$136,350
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050892	SEQUENTIAL CONTROL OF NEUTROPHIL RECRUITMENT BY LTB4 AND OTHER CHEMOATTRACTANTS	\$433,694
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$638,061
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039759	ASTHMA, AIRWAY INFLAMMATION AND BETA CHEMOKINE RECEPTORS	\$426,344
2012	BOSTON UNIVERSITY	MA	R01AI048082	Glycobiology of Giardia	\$485,824
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$466,085
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$709,199
2012	TUFTS UNIVERSITY	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$633,943
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$415,317
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$11,042,365
2012	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$404,291
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$403,066
2012	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$387,397
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084987	REGULATION OF CONVENTIONAL VERSUS INNATE CD8+ T CELL DEVELOPMENT	\$407,138
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$403,066
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$464,125

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2012	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$229,753
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,483,127
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI022021	MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	\$758,760
2012	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$566,138
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U24AI082660	GENERATION OF A COMPREHENSIVE PANEL OF REAGENTS FOR RESEARCH ON SCAVENGER RECEPTO	\$600,745
2012	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$363,863
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI079198	THE ROLE OF THE PHAGOSOME IN INNATE IMMUNE SENSING	\$483,807
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083713	ROLE OF PISA; A PYHIN FAMILY MEMBER IN INTRACELLULAR DNA RECOGNITION	\$403,066
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084753	MECHANISMS AND OPTIMIZATION OF EPITOPE PRESENTATION BY HIV-INFECTABLE CELL SUBSET	\$433,694
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$426,344
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI091155	REGULATION OF CD28 SIGNALING IN T CELLS BY CYTOPLASMIC DOMAIN MEMBRANE BINDING	\$33,643
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$362,760
2012	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087874	MOLECULAR ANALYSIS OF A KINASE ESSENTIAL FOR REPLICATION OF PLASMODIUM FALCIPARUM	\$132,300
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$407,138
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$463,686
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI074957	REGULATORY TARGETS OF P38 MAP KINASE IN INFLAMMATION	\$380,409
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI081693	Control of virulence gene expression in Francisella tularensis	\$430,650
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081990	The Abeta protein of Alzheimer's Disease is an antimicrobial peptide	\$438,075
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$137,093
2012	PULMATRIX INC	MA	U01AI082115	INHALED AEROSOLS FOR PREVENTION AND TREATMENT OF RESPIRATORY INFECTIONS	\$283,013
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI090102	COMMENSAL BACTEROIDES SIGNAL THROUGH SPHINGOLIPID RAFTS DURING INTESTINAL STRESS	\$153,488

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	TUFTS MEDICAL CENTER	MA	R21AI090451	ANTIGEN PROCESSING OF PNEUMOCOCCAL CONJUGATE VACCINES	\$196,277
2012	IMMUNE DISEASE INSTITUTE INC	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	\$909,012
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$418,238
2012	UNIVERSITY OF MASSACHUSETTS	MA	R21AI092317	A STUDY OF HETEROLOGOUS IMMUNITY INDUCED BY NEONATAL BCG VACCINATION	\$205,625
2012	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$430,650
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R03AI092442	IDENTIFYING NOVEL SMALL MOLECULES FOR IMPROVED ANTIFUNGAL DRUG TREATMENT	\$89,250
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$382,792
2012	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI072895	ISOLATING NOVEL FUNGI FOR ANTIBIOTIC DISCOVERY	\$999,313
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI096101	ALTERATION OF HOST PROTEIN STABILITY BY LEGIONELLA	\$211,875
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$137,160
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI081843	Significance of Bacteroides fragilis polysaccharide phase variation	\$385,952
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI096134	DISSECTING THE ROLES OF SUPERCHAPERONES IN TYPE III SECRETION	\$265,500
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI100501	Utilizing a novel liquid-killing assay to gain insight into C. elegans immunity	\$52,190
2012	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	\$834,310
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	\$1,920,738
2012	TUFTS MEDICAL CENTER	MA	F32AI098388	UNCOVERING B. BURGDORFERI VIRULENCE DETERMINANTS BY NEXT GENERATION SEQUENCING	\$53,805
2012	IMMUNETICS, INC	MA	R43AI102343	Molecular Detection of Invasive Fungal Infections	\$299,890
2012	TUFTS UNIVERSITY	MA	R21AI101403	MOTOR NEURON-TARGETED ADENOVIRUS ANTIDOTES FOR BOTULISM	\$208,606
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI093059	A STUDY OF THE FUNCTIONAL DETERMINANTS OF A PLASMODIUM FALCIPARUM INVASION LIGAND	\$53,942
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$429,759
2012	MICROBIOTIX, INC	MA	R43AI100332	OPTIMIZATION OF NOVEL PYRANOPYRIDINE EFFLUX PUMP INHIBITORS	\$286,316
2012	FENWAY COMMUNITY HEALTH CENTER	MA	UM1AI069480	Clinical Trial Unit for HIV Prevention and Microbicide Research	\$1,229,912

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2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI098147	PROBING THE BIOSYNTHESIS OF THIAZOLYL PEPTIDE ANTIBIOTIC BERNINAMYCIN A	\$49,214
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI094932	Modification of host proteins during Chlamydia infection	\$52,190
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI091434	Risk factors for early morbidity and mortality of HIV-exposed uninfected infants	\$136,904
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI097613	ELUCIDATING PSEUDOMONAS AERUGINOSA NON-CANONICAL TWO COMPONENT SYSTEM SIGNALING	\$261,875
2012	UNIVERSITY OF MASSACHUSETTS	MA	R13AI100701	17TH INTERNATIONAL SYMPOSIUM ON INFECTIONS IN THE IMMUNOCOMPROMISED HOST	\$8,000
2012	BETH ISRAEL HOSPITAL	MA	U19AI096040	Novel Ad/MVA and Ad/Protein HIV-1 Vaccines	\$3,865,202
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	UM1AI069516	Western New England Maternal Pediatric Adolescent AIDS Clinical Trials Unit	\$766,714
2012	TUFTS UNIVERSITY	MA	R21AI097754	AEROBIC GROWTH OF ANAEROBIC PATHOGENS	\$247,500
2012	BOSTON MEDICAL CENTER	MA	R01AI101088	Role of Chlamydia Species in Preterm Birth and Placental Dysfunction	\$568,078
2012	UNIVERSITY OF MASSACHUSETTS	MA	R21AI099988	FUNCTION OF THE AID C TERMINUS IN IG CLASS SWITCHING	\$207,604
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI100699	Implications of HIV-1 Minority Variants for Virologic Failure and HIV Reservoirs	\$136,440
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI093838	NEURAL STEM CELLS AND REGULATORY T CELLS	\$406,654
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI098484	A systems biology approach to fingerprint HIV immune defense in Elite Controllers	\$727,444
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$514,214
2012	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$243,474
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$421,665
2012	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$744,514
2012	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$482,825
2012	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$1,281,552
2012	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$411,000
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$795,184
2012	BOSTON UNIVERSITY	MA	K22AI093793	THE ROLE OF HMGA1 PROTEINS IN MODULATING NF-KB-DEPENDENT GENE REGULATION	\$157,821
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$370,138
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$422,709

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2012	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$909,622
2012	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$140,901
2012	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$371,804
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$1,019,446
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI076927	STRUCTURAL AND FUNCTIONAL STUDIES OF THE CASPASE ACTIVATING COMPLEX PIDDOSOME	\$383,710
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,666,456
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$2,366,120
2012	BETH ISRAEL HOSPITAL	MA	R01AI080582	PURINERGIC RECEPTORS IN INFLAMMATION	\$350,876
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081534	POINT-OF-CARE RAPID BLOOD TESTING USING MICROFLUIDIC DEVICES	\$437,370
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$636,937
2012	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	F31AI078726	SMALL MOLECULE INHIBITORS OF A CANDIDA ALBICANS HISTONE MODIFYING ENZYME	\$16,401
2012	TUFTS MEDICAL CENTER	MA	R21AI082436	XENODIAGNOSIS OF LYME DISEASE	\$157,703
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI075037	STUDIES OF FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$426,344
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$685,093
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI090735	NATURAL KILLER CELLS AND CONTROL OF SIV INFECTION	\$756,033
2012	ARIETIS CORPORATION	MA	R44AI074258	THERAPY AGAINST RECALCITRANT C. ALBICANS INFECTION	\$979,417
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$386,471
2012	BETH ISRAEL HOSPITAL	MA	R01AI084794	IMPACT OF HIV ENVELOPE CONFORMATION ON IMMUNOGENICITY	\$766,402
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084756	REGULATORY COSTIMULATORY PATHWAYS & FETOMATERNAL TOLERANCE	\$383,710
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$806,198
2012	TUFTS MEDICAL CENTER	MA	R01AI083459	Using natural antibodies to improve vaccines	\$406,891
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R33AI080565	IMMUNOLOGICAL COMPLICATIONS OF RADIATION COMBINED INJURY	\$390,150
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$428,588
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI097265	HIV-1 Evolution and Functional Correlates of MTCT	\$848,885

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2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI097612	DEVELOPMENT AND APPLICATION OF A TOOLBOX OF BIOFILM MATRIX ASSOCIATION MODULES	\$261,000
2012	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$830,518
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090698	PROTECTIVE ROLE OF SUBDOMINANT RESPONSES TO HIV RESTRICTED BY COMMON HLA ALLELES	\$436,795
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089972	Peripheral B Cell Receptor Editing	\$137,080
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$467,323
2012	UNIVERSITY OF MASSACHUSETTS	MA	R03AI092528	AP ENDONUCLEASE 2 IN HEMATOPOIETIC STEM CELL MAINTENANCE	\$82,250
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095098	KIR and MHC Class I Immunogenetics in SIV Infection	\$592,960
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI094235	TOLERANCE INDUCTION TO VASCULARIZED SKIN ALLOGRAFTS	\$83,004
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$15,061,511
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	\$412,637
2012	BOSTON COLLEGE	MA	R21AI100216	A MULTIPLEX NANODIAGNOSTIC ARRAY FOR DETECTION OF EMERGING PATHOGENS	\$195,625
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI094017	COMBINED SNP ANALYSIS AND WHOLE GENOME SEQUENCING TO DISCOVER IMMUNODEFICIENCY GE	\$87,000
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$430,550
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI088510	MURINE MODEL OF JOB'S SYNDROME	\$205,811
2012	MICROBIOTIX, INC	MA	R43AI098271	NOVEL SPECTINAMIDE ANTIBIOTICS FOR THE TREATMENT OF MDR/XDR TUBERCULOSIS	\$294,150
2012	TUFTS UNIVERSITY	MA	F31AI098423	MOLECULAR ANALYSIS OF THE INTERACTION BETWEEN LEGIONELLA PNEUMOPHILA AND ITS	\$33,582
2012	UNIVERSITY OF MASSACHUSETTS	MA	R21AI094074	ENHANCING TB VACCINE WITH GENE SILENCING	\$205,625
2012	TUFTS MEDICAL CENTER	MA	R21AI096087	MECHANISM OF ANTHRAX LETHAL FACTOR TOXICITY	\$198,750
2012	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$403,750
2012	DANA-FARBER CANCER INSTITUTE	MA	R03AI089352	A HUMANIZED MOUSE MODEL LACKING A-GAL EPITOPES AND PRODUCING ANTI-GAL ANTIBODIES	\$77,188
2012	BROAD INSTITUTE INC	MA	R01AI093716	Targeting the Mitochondrion of P. falciparum	\$444,180
2012	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type I diabetes	\$411,250

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	TUFTS UNIVERSITY	MA	R21AI097728	ANALYSIS OF THE INTERPLAY BETWEEN CELL ADHESION AND BACTERIAL PROTEIN TRANSLOCATI	\$247,500
2012	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$6,991,909
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI101366	THE ROLE OF NOVEL IL-1 LIKE CYTOKINES IN ASTHMA	\$84,381
2012	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI099860	SIGNALING NETWORKS CONTROLLING INNATE IMMUNE RESPONSES TO CYTOSOLIC DNA	\$254,250
2012	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI097881	STRESS-POTENTIATED SCREENING TO IDENTIFY NOVEL INHIBITORS OF M. TUBERCULOSIS	\$246,418
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI100923	Immune Responses to Vibrio Cholerae in Children	\$137,160
2012	TUFTS UNIVERSITY	MA	F32AI098358	Type VI Protein Secretion in an Emerging Multidrug-Resistant Pathogen	\$53,942
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI102660	Tuning Fc-effector functions of HIV-specific antibodies	\$609,875
2012	ARIETIS CORPORATION	MA	R44AI102452	Narrow-spectrum Agents Acting against Helicobacter pylori	\$297,456
2012	UNIVERSITY OF MASSACHUSETTS	MA	R33AI087191	Production of neutralizing mAbs from HIV vaccinees	\$492,060
2012	TUFTS UNIVERSITY	MA	K22AI099087	SIGNAL TRANSDUCTION IN THE MAJOR QUORUM-SENSING CIRCUIT OF VIBRIO CHOLERAЕ	\$162,000
2012	AURITEC PHARMACEUTICALS LLC	MA	R43AI098473	Intravaginal ring delivery of tenofovir and emtricitabine	\$300,000
2012	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	UM1AI069403	Harvard Tanzania HIV/AIDS Clinical Trials Unit	\$225,702
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI101175	AUTOIMMUNITY TO ECGF IN LYME DISEASE AND ITS POST-INFECTIOUS SYNDROMES	\$600,800
2012	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI063433	Function of MVFR in Pseudomonas Aeruginosa Virulence	\$474,950
2012	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI091889	T. VAGINALIS VIRUSES AS MUCOSAL IMMUNITY MODIFIERS WITH IMPACT ON WOMEN'S HEALTH	\$876,546
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI080417	Impact of Malnutrition on HIV Treatment Failure in Resource-Limited Settings	\$460,640
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$377,093
2012	UNIVERSITY OF MARYLAND	MD	R01AI072584	MECHANISM OF HOST CELL APOPTOSIS INHIBITION BY MYCOBACTERIUM TUBERCULOSIS	\$330,785
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$452,897
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$374,888
2012	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$471,608

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2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$324,720
2012	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$371,059
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$369,000
2012	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$448,030
2012	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$191,512
2012	JOHNS HOPKINS UNIVERSITY	MD	P01AI072677	ANTIGEN RECEPTOR INPUTS: LINKING STRUCTURAL, MOLECULAR, AND CELLULAR RESPONSES	\$2,009,798
2012	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$330,785
2012	UNIVERSITY OF MARYLAND	MD	F32AI085706	SPATIAL CONTROL OF HOST CELL SIGNALING BY A BACTERIAL PATHOGEN	\$53,942
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI085535	STRUCTURE-FUNCTION OF THE SHIGELLA DYSENTERIAE HEME UPTAKE OPERON (SHU)	\$371,250
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$570,778
2012	UNIVERSITY OF MARYLAND	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$367,538
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	\$648,884
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,434,979
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$639,528
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI084984	Leukotrienes and blood-brain barrier	\$405,900
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	\$1,409,507
2012	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$107,325
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI090866	MOLECULAR BASIS OF ADCC-MEDIATED HIV PROTECTION	\$525,208
2012	JOHNS HOPKINS UNIVERSITY	MD	R33AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGE	\$263,093
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI085147	ANCILLARY CARE IN COMMUNITY-BASED RESEARCH: DECIDING WHAT TO DO	\$150,012
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI083099	CAUSES OF AND ASSOCIATIONS WITH DEATH DURING LONG TERM HAART IN AFRICA	\$134,325
2012	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094906	2011-15 FASEB Summer Conference on Autoimmunity	\$1
2012	RADIX PHARMACEUTICALS INC	MD	R44AI077109	PRECLINICAL STUDIES OF NATURAL PRODUCT DERIVATIVES AS ANTIMALARIAL AGENTS	\$450,748

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2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R33AI080553	Ciprofloxacin enhances DNA repair capacity after radiation combined injury	\$361,993
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI097138	Biomarkers and Signaling in Tuberculosis	\$613,683
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI091869	Investigation of the Role of TGF Beta in TH2-Mediated Disease	\$134,325
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI097417	Influenza A Virus Infection of Human Nasal Epithelial Cells	\$405,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI101589	CONDITIONAL PROBES OF SECRETORY PROTEIN FUNCTION IN MALARIA PARASITES	\$237,730
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI084580	THE CIRCULATING AND MEMORY B-ANTIBODY RESPONSES IN HIV-INFECTED PATIENTS	\$134,730
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UM1AI069447	Institute of Human Virology Clinical Trials Unit	\$788,268
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$750,468
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069406	Southern Asia HIV/AIDS Clinical Trials Unit	\$478,658
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI094519	MUCUS PENETRATING PARTICLES FOR RECTAL MICROBICIDES	\$240,689
2012	JOHNS HOPKINS UNIVERSITY	MD	F32AI088964	M. TUBERCULOSIS INFLUENCES HOST MATRIX METALLOPROTEINASES AND GRANULOMA FORMATION	\$52,190
2012	SEQUELLA, INC	MD	R21AI096248	A Kit for Rapid AST of Mycobacterium tuberculosis from Clinical Samples	\$208,950
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI097953	VACCINE POTENTIAL OF TYPE IV PILIN FROM CLOSTRIDIUM DIFFICILE	\$76,750
2012	SANARIA INC	MD	R44AI077262	Transgenic Mosquitoes for Improved Malaria Sporozoite Vaccine Manufacture	\$1,000,000
2012	UNIVERSITY OF MARYLAND	MD	R21AI097946	SOLUTION STRUCTURE AND DYNAMICS OF TCR IN FREE AND PEPTIDE-MHC-BOUND STATES	\$228,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R13AI100478	11TH BIENNIAL CONGRESS - ANAEROBE	\$8,000
2012	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI094639	PRODRUG STRATEGIES FOR HCV NUCLEOSIDE LEAD DEVELOPMENT	\$194,122
2012	GENVEC INC	MD	R43AI092917	ADENOVIRUS-VECTORED RSV VACCINE NOT INHIBITED BY MATERNAL IMMUNITY	\$300,000
2012	UNIVERSITY OF MARYLAND	MD	R56AI097228	MONOCYTE SUBSETS AND HOST DEFENSE	\$380,000
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$580,675
2012	UNIVERSITY OF MARYLAND	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$294,030
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$374,888

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2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZED PATIENTS	\$181,306
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$405,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECT	\$8,196,905
2012	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$403,311
2012	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$195,664
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$401,841
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI081752	MRSA IN CHILDREN: EPIDEMIOLOGY, PATHOGENESIS, AND PREVENTION	\$134,730
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI080668	DETERMINANTS OF PLASMODIUM LIVER INVASION	\$361,658
2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	\$1,585,874
2012	MACROGENICS INC	MD	R01AI089588	A Pan-Dengue Virus Immunotherapeutic for Prevention and Treatment	\$1,262,889
2012	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	\$371,250
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI087624	Clinical trial of chloroquine weekly or as IPT to prevent malaria in pregnancy in	\$1,304,980
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI084854	Universal Screening of HIV-Infected Persons for Gonorrhea and Chlamydia	\$134,165
2012	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$1,097,778
2012	SANARIA INC	MD	R43AI094894	INCREASING POTENCY OF ATTENUATED SPOOROZOITE VACCINES WITH A GLYCOLIPID ADJUVANT	\$292,654
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	\$756,605
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI094829	DEVELOPMENT OF A NOVEL SECOND-GENERATION PAN-FILOVIRUS SUBUNIT VACCINE	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	K22AI092150	ESTIMATION OF INTERVENTION EFFECTS IN INFLUENZA OUTBREAKS	\$108,000
2012	N & N SCIENTIFIC INC	MD	R44AI078540	N-Methanocarbathymidine (N-MCT) for the treatment of herpes and pox virus infecti	\$1,000,000
2012	J CRAIG VENTER INSTITUTE INC	MD	R21AI098057	GENETIC MANIPULATION OF UNREAPLASMA SPP. INFECTING HUMANS USING SYNTHETIC GENOMIC	\$213,273
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$410,000

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2012	JOHNS HOPKINS UNIVERSITY	MD	F32AI102535	MECHANISMS REGULATING EPISODIC BREACHES OF PROTECTIVE VAGINAL MICROBIOME BY BV	\$49,214
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI080840	LIMITING EFFECTS OF A TICK KUNITZ PROTEASE INHIBITOR ON RICKETTSIAL INFECTION	\$107,214
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI101431	Targeting dengue in the mosquito with small molecules	\$809,831
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI098232	A NOVEL STRUCTURE BASED VACCINE FOR STAPHYLOCOCCAL ALPHA HEMOLYSIN	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069465	The Johns Hopkins Baltimore-Washington-India Clinical Trials Unit (BWI CTU)	\$1,698,051
2012	UNIVERSITY OF MARYLAND	MD	F31AI100576	Global Genetic Analysis of the Mga Virulence Regulon	\$42,232
2012	JOHNS HOPKINS UNIVERSITY	MD	P30AI094189	The Johns Hopkins Center for AIDS Research (JHU CFAR)	\$2,999,995
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI101055	EXACERBATION OF PERTUSSIS AIRWAY INFLAMMATION AND PATHOLOGY BY PERTUSSIS TOXIN	\$400,950
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI044033	MOLECULAR GENETIC ANALYSIS OF CHLAMYDIA PATHOGENICITY	\$362,672
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI099276	ANTIGEN SPECIFIC T CELL ACTIVATION BY ANTI-CD3 COATED NANOPARTICLES	\$466,348
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI049316	GI NEMATODES AND GUT FUNCTIONAL RESPONSES TO INFLAMMATION	\$367,538
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI044375	EFFECTOR AND MEMORY ANTI-MALARIA CD8+ CELL RESPONSES	\$540,724
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$759,456
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI024656	MOLECULAR GENETIC ANALYSIS OF SHIGELLA PATHOGENICITY	\$374,888
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$521,151
2012	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$499,422
2012	UNIVERSITY OF MARYLAND	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$330,785
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$682,980
2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$2,166,017
2012	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$246,331
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI081600	INTERMOLECULAR COOPERATIVITY IN THE ACTION OF ANTIVIRAL AGENTS	\$281,290
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077556	Role of the antiviral ribonuclease, RNase-L, in the host antibacterial response	\$371,250

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2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI080842	PK/PD ISSUES IN THE USE OF NEW THERAPIES FOR THE TREATMENT OF TUBERCULOSIS	\$134,325
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI082695	DIAGNOSIS OF GAMBIENSE HAT	\$321,473
2012	JOHNS HOPKINS UNIVERSITY	MD	F32AI088835	CHARACTERIZATION OF THE AN. GAMBIAE LL3/SRPN6 PATHWAY IN RESPONSE TO PLASMODIUM I	\$60,170
2012	FUNCTIONAL GENETICS INC	MD	R44AI074484	DISCOVERY OF CRITICAL HOST GENES ENABLING RESISTANCE TO HIV-1 INFECTION AS THERAP	\$914,355
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$375,000
2012	AERAS GLOBAL TB FOUNDATION	MD	R01AI090691	Generation and Evaluation of Pro-Apoptotic rBCG and Viral Vectors as TB Vaccine C	\$619,046
2012	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$741,390
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI097715	THE NOVEL FAMILY OF SUPEROXIDE DISMUTASE ENZYMES IN CANDIDA ALBICANS	\$243,000
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$136,754
2012	GENVEC INC	MD	R43AI100467	Pre-erythrocytic Stage Antigen Discovery for Malaria Vaccine Development	\$300,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F32AI098167	The role of mitochondrial reactive oxygen species in innate immune signaling	\$49,214
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI101152	A USER-FRIENDLY EPIDEMIC-ECONOMIC MODEL OF DIAGNOSTIC TESTS FOR TUBERCULOSIS	\$243,000
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI068613	LC: HIV Prevention Trials Network	\$5,037,579
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069497	Byramee Jeejeebhoy Medical College (BJMC), Pune, India: Clinical Trials Unit	\$1,016,593
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI099704	MEMBRANE PERMEABLE DIPHOSPHATE ANALOGS TARGETING PATHOGEN ISOPRENOID BIOSYNTHESIS	\$243,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI101987	MOLECULAR MECHANISMS OF HLA-DO IN ANTIGEN PROCESSING	\$243,000
2012	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI100404	FASEB SRC ON IMMUNORECEPTORS	\$9,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI095484	ACUTE KIDNEY INJURY AND DOUBLE NEGATIVE T CELLS	\$243,000
2012	LEUKOSIGHT INC	MD	R41AI100396	TREATING EAE DISEASE WITH FC-DIMERS	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI097912	ESTABLISH AND APPLY IN VITRO SYSTEM FOR HUMAN CYTOMEGALOVIRUS CAPSID ASSEMBLY	\$202,500

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2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI094033	DEVELOPING NOVEL SEROLOGICAL BIOMARKERS FOR AUTOIMMUNE LIVER DISEASES	\$245,969
2012	SANARIA INC	MD	R43AI093034	HIGH THROUGHPUT ASSAY TO IDENTIFY NEW DRUGS AGAINST VIVAX MALARIA LIVER STAGES	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI099027	MECHANISMS OF FAS LIGAND CONTROL OF INSULITIS INITIATION IN AUTOIMMUNE DIABETES	\$410,605
2012	PROTEIN POTENTIAL LLC	MD	R43AI100531	MULTI-STAGE MULTI-ANTIGEN VACCINE FOR INTERRUPTING MALARIA TRANSMISSION	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$453,747
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI032074	THE EAE GENE CLUSTER OF ENTEROPATHOGENIC E. COLI	\$367,538
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$340,808
2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$2,791,823
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$684,270
2012	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$1,000,000
2012	IMQUEST BIOSCIENCES INC	MD	U19AI077289	LONG ACTING ACCEPTABLE MICROBICIDES: NOVEL DELIVERY, ACTIVITY AND PHARMACODYNAMIC	\$1,080,708
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$372,683
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI083125	REGULATORY NETWORKS INVOLVED IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$527,030
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	\$396,941
2012	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$367,538
2012	UNIVERSITY OF MARYLAND	MD	R01AI073667	GENETIC VARIATION IN GENES INVOLVED IN NEISSERIA GONORRHOEAE LOS BIOSYNTHESIS	\$220,523
2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI090727	Post Genome-Wide Association Study of Food Allergy	\$469,693
2012	PROTEIN POTENTIAL LLC	MD	R44AI058373	PLASMODIUM VIVAX RECOMBINANT CS PROTEIN VACCINE FOR MALARIA	\$863,049
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	Laboratory and Statistical Development of Cross-Sectional HIV Incidence Assays	\$730,497
2012	UNIVERSITY OF MARYLAND	MD	R01AI094773	Profiling the Leishmania-macrophage Host-pathogen Infectome	\$644,663

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2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$1,841,146
2012	JOHNS HOPKINS UNIVERSITY	MD	F31AI091326	INTERACTION BETWEEN HIV-1 VIF AND A HOST KEY IMMUNE REGULATOR COMPONENT	\$42,232
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	\$136,350
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI102680	FcRn-targeted mucosal HIV vaccine	\$775,556
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI104423	The Burden of Malaria Transmission due to Asymptomatic HIV Co-Infection	\$571,040
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI099512	Pyrazinamide and Trans-Translation in Mycobacterium tuberculosis	\$441,456
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI095190	Signaling Pathways in Innate Immunity	\$194,090
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI072265	TARGETING SIGLEC-8/-F TO TREAT EOSINOPHIL AND MAST CELL RELATED DISORDERS	\$405,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI094143	Cough - A Rapid Indicator of Response to Therapy in Pulmonary Tuberculosis	\$226,770
2012	PROTEIN POTENTIAL LLC	MD	R43AI096632	MULTI-LIGAND MEROZOITE INVASION BLOCKING MALARIA VACCINE	\$300,000
2012	UNIVERSITY OF MARYLAND	MD	R21AI100195	NEWCASTLE DISEASE VIRUS VECTORED VACCINES FOR NOROVIRUS INFECTION	\$190,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI065853	ROLES OF LIPOATE PATHWAYS IN PLASMODIUM SURVIVAL	\$399,730
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI100952	THE ROLE OF CD32 IN THE BASOPHIL RESPONSE TO SPECIFIC IMMUNOTHERAPY	\$324,000
2012	JOHNS HOPKINS UNIVERSITY	MD	T32AI007056	BASIC AND CLINICAL IMMUNOLOGY	\$253,881
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$400,950
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$401,280
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$1,715,467
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI046223	AIDS Opportunistic Infections: Virulence of C. glabrata	\$405,900
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$35,749
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$137,365
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$180,005
2012	JOHNS HOPKINS UNIVERSITY	MD	F31AI089034	SEX HORMONES AND THE INNATE IMMUNE RESPONSE TO INFLUENZA INFECTION	\$35,832
2012	PROFECTUS BIOSCIENCES INC	MD	R44AI091567	PRECLINICAL DEVELOPMENT OF FULL LENGTH SINGLE CHAIN	\$973,622

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI083100	FORESKIN MUCOSAL CELLULAR CONSTITUENTS & EFFECTS OF CIRCUMCISION ON HIV/STI RISK	\$134,325
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI089830	The Role of EOS in Regulatory T-cell Biology.	\$405,900
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI087409	GENITAL ANAEROBES, INFLAMMATION AND HIV RISK; RAKAI	\$723,040
2012	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	\$128,453
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$384,615
2012	SEQUELLA, INC	MD	R41AI094811	Targeting MtrAB of M. tuberculosis	\$300,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093635	Immuno-epidemiological epitope mapping of a blood stage malaria vaccine antigen	\$589,799
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069482	Johns Hopkins University-Guangxi, China Clinical Trials Unit	\$739,713
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI092374	CYTOMEGALOVIRUS UL80 PROTEINS:INTERACTIONS AND MODIFICATIONS THAT IMPACT FUNCTION	\$205,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI097869	Macrophage polarization and glutathione levels in the TB-helminth co-infection	\$224,695
2012	PROFECTUS BIOSCIENCES INC	MD	R44AI102702	Optimization of a DNA Subunit Regimen for an HIV Vaccine	\$224,027
2012	UNIVERSITY OF MARYLAND	MD	R21AI095715	PROTEIN SIGNATURE IN MEMORY CTL DIFFERENTIATION	\$228,000
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI103187	Genetic and Environmental Determinants of Food Allergy	\$136,739
2012	UNIVERSITY OF MARYLAND	MD	R21AI101752	CD23-MEDIATED IMMUNOTHERAPY ON AIRWAY INFLAMMATION	\$228,000
2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,084,292
2012	UNIVERSITY OF MARYLAND	MD	T32AI051967	MECHANISMS OF VIRUS REPLICATION AND GENE EXPRESSION	\$92,453
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$371,250
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$258,000
2012	SIGMOVIR BIOSYSTEMS INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$524,620
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$297,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$405,900
2012	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$531,263

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2012	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,885,194
2012	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$379,020
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI077757	MECHANISMS OF IMMUNE EVASION BY HEPATITIS C VIRUS	\$401,841
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI082612	FIRING UP NEW TREATMENTS AGAINST MYCOBACTERIUM ULCERANS DISEASE (BURULI ULCER)	\$401,841
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI087139	IMPACT OF MATERNAL HAART ON HIV-INFECTED BREASTFEEDING INFANTS: MALAWI	\$606,298
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,840,320
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI074594	ACUTE HIV INFECTION AND PREGNANCY	\$683,268
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI082587	SMALL MOLECULE PROTEIN-GLYCAN INHIB. AS MALARIA TRANSMISSION-BLOCKING THERAPUETIC	\$401,841
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$371,250
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$596,360
2012	PROFECTUS BIOSCIENCES INC	MD	R44AI074334	ENHANCING DNA VACCINES USING MODIFIED BACTERIAL TOXIN A1 SUBUNITS AS ADJUVANTS	\$952,926
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$651,546
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI091481	TRANSPLANTATION TOLERANCE AND IMMUNE FUNCTION FOLLOWING MTOR INHIBITION.	\$405,900
2012	SIGMOVIR BIOSYSTEMS INC	MD	R21AI101480	Development of the Cotton Rat Model of Rhinovirus Infection and Disease	\$274,807
2012	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	\$806,416
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI090512	ANALYSIS OF TLR4-DEPENDENT INNATE IMMUNE RESPONSES INDUCED BY DIETARY GLUTENS	\$76,750
2012	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern Africa	\$1,755,601
2012	RADIX PHARMACEUTICALS INC	MD	R44AI081308	DEVELOPMENT OF SMALL MOLECULES AS ANTIPROTOZOAL AGENTS	\$490,480
2012	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI100441	FASEB SRC ON VIRUS STRUCTURE AND ASSEMBLY	\$6,000

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2012	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI100414	MULTI-SPECIFIC ANTIBODY THERAPY BY TARGETING S. AUREUS TOXINS AND POLYSACCHARIDES	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	F31AI094967	TARGETING DXP SYNTHASE IN NON-MAMMALIAN ISOPRENOID BIOSYNTHESIS	\$42,232
2012	AKONNI BIOSYSTEMS INC	MD	R43AI096592	RESPIRATORY PANEL FLOW-STRIP: A POINT-OF-CARE MOLECULAR DIAGNOSTIC TEST	\$300,000
2012	PROTEIN POTENTIAL LLC	MD	R01AI098884	Development of Enabling Vector/Antigen Expression Technology for an Orally-Delive	\$1,411,961
2012	PROFECTUS BIOSCIENCES INC	MD	R01AI098817	rVSV Vecteded Vaccine to Protect Against Ebola and Marburg Viruses	\$1,120,171
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI099655	MITOCHONDRIAL-LOCALIZED ACTIVITIES OF HHV-8 VIRF-1	\$246,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI092443	PLASMA SERUM BASED BIOMARKERS IN SUBLINGUAL ORAL IMMUNOTHERAPY FOR MILK ALLERGY	\$243,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI096949	T-FOLLICULAR HELPER CELLS IN ENV-IMMUNIZED MACAQUES	\$230,250
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI072039	LYMPHOID STRUCTURE IN TOLERANCE: ROLE OF STROMAL CELLS	\$383,750
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI052468	IMMUNOGENETIC ANALYSIS OF HUMAN IMMUNE RESPONSE TO ALLERGENS	\$401,841
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$367,538
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$457,542
2012	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$243,000
2012	UNIVERSITY OF MARYLAND	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$384,690
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB)	\$1,200,242
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI077995	VACCINES AND THERAPEUTICS FOR NIPAH AND HENDRA VIRUS	\$1,072,517
2012	J CRAIG VENTER INSTITUTE INC	MD	U54AI084844	CONSTRUCTION OF A REFERENCE SEQUENCE DATA SET FOR THE HUMAN MICROBIOME PROJECT	\$869,187
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI078980	MOTOR PROTEIN REGULATION OF T CELL RECEPTOR SIGNALING	\$401,841
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI080328	CD8+ T CELL MEDIATED INHIBITION OF HIV-1 REPLICATION IN ELITE SUPPRESSORS	\$321,473
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087181	Broadly Neutralizing Monoclonal Antibodies Against HIV-1	\$547,121
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI080974	Molecular Epidemiology of the Vaginal Microbiome	\$128,835

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2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI084549	HAART Initiation in Behaviorally HIV-Infected Youth	\$134,325
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI101035	Synthetic Variable Domain Glycopeptides for Neutralizing Epitope Characterization	\$230,250
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI090820	ADVANCING NEW DRUG REGIMENS FOR MDR/XDR TB	\$426,972
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	\$324,720
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087865	Human Microbiome and Healthcare Associated Infections	\$463,629
2012	JOHNS HOPKINS UNIVERSITY	MD	R33AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$455,632
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	\$134,730
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K25AI087968	Single Molecule Studies of HIV Envelope Properties	\$111,186
2012	MEDIGEN INC	MD	R03AI094159	A NOVEL DNA-LAUNCHED LIVE ATTENUATED CHIKUNGUNYA VACCINE	\$87,150
2012	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R21AI097685	A Flexible Approach to Avoid Viral Escape Mutations	\$195,730
2012	PROTEIN POTENTIAL LLC	MD	R43AI098151	IMMUNIZING AGAINST MALARIA BY INDUCING BOTH PROTECTIVE ANTIBODIES AND CD8 T CELLS	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069518	The Johns Hopkins University-Blantyre Clinical Trials Unit	\$5,464,755
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI096948	ANALYSIS OF HIV-1 IN MUCOSAL TISSUE IN ELITE SUPPRESSORS	\$198,780
2012	SANARIA INC	MD	R43AI100530	VACCINATION WITH PURIFIED, CRYOPRESERVED, INFECTIOUS PLASMODIUM VIVAX SPOROZOITES	\$300,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R03AI096918	INCIDENT HEPATITIS B IN MEN WITH OR AT RISK FOR HIV INFECTION	\$82,000
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI097419	THE MICROBIOTA IN A NOVEL MOUSE MODEL OF ULCERATIVE COLITIS	\$258,325
2012	SEQUELLA, INC	MD	R43AI094844	A New Therapeutic Regimen for MDR-TB	\$267,444
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	\$565,070
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI099737	FAMILY CLUSTER ANALYSIS OF NOROVIRUS VARIANTS BY MULTIPLE-REGION SEQUENCE TYPING	\$220,890
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI096062	CYTOTOXIC CELL DYSFUNCTION IN HGA	\$243,000
2012	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	R01AI098911	Development of a Manufacturing Process for a Novel TB Vaccine	\$1,553,871
2012	UNIVERSITY OF MARYLAND	MD	R21AI099819	ROLE OF BACTERIOPHAGE IN NEISSERIA GONORRHOEAEE BIOLOGY	\$187,500

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2012	PROFECTUS BIOSCIENCES INC	MD	R01AI098760	Development of sG as a human vaccine against Nipah/Hendra	\$1,306,446
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI089776	MECHANISM OF HEME REGULATION OF A P. AERUGINOSA NON-CODING RNA	\$159,064
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI100168	RAPID AND SENSITIVE DETECTION OF SALMONELLA FROM BLOOD, FOOD AND FECES	\$264,944
2012	JOHNS HOPKINS UNIVERSITY	MD	R56AI098501	ACTIVITIES OF HHV-8 VIRF-1 IN VIRUS BIOLOGY	\$405,000
2012	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI100390	FASEB SRC ON BIOLOGY OF THE IMMUNE SYSTEM	\$8,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$294,030
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$281,290
2012	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$466,227
2012	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$334,125
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$563,696
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$401,841
2012	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$1,000,000
2012	UNIVERSITY OF MARYLAND	MD	R03AI092143	A MICROBIAL ANTIGEN AS A MOLECULAR TRIGGER OF LYME BORRELIOSIS	\$76,000
2012	JOHNS HOPKINS UNIVERSITY	MD	K24AI085118	Patient Oriented Research in Transplant and Oncology ID	\$199,014
2012	JOHNS HOPKINS UNIVERSITY	MD	K08AI081544	HIV, KUPFFER CELLS, AND HCV-RELATED LIVER FIBROSIS	\$128,885
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$730,076
2012	FUNCTIONAL GENETICS INC	MD	R44AI068217	DEVELOPMENT OF BROAD SPECTRUM HOST ORIENTED THERAPEUTIC ANTIBODIES AGAINST INFLUE	\$997,899
2012	MEDIGEN INC	MD	R43AI094863	NOVEL DNA-LAUNCHED ATTENUATED VACCINE FOR VEE VIRUS	\$300,000
2012	IMMUNE DEFIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$647,657
2012	JOHNS HOPKINS UNIVERSITY	MD	K23AI083931	REDUCING MORBIDITY AND MORTALITY FROM ACUTE FEBRILE ILLNESS BY IMPROVED DIAGNOSIS	\$135,544
2012	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$956,277
2012	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$751,751

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2012	UNIVERSITY OF MARYLAND	MD	R21AI096083	HIGH-THROUGHPUT ASSAY FOR PROTEIN-LIGAND INTERACTION	\$186,450
2012	JOHNS HOPKINS UNIVERSITY	MD	UM1AI069530	Johns Hopkins University Kampala-Nanning Clinical Trial Unit	\$1,577,922
2012	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI100488	FASEB SRC ON "POST-TRANSCRIPTIONAL CONTROL OF GENE EXPRESSION: MECHANISMS OF MRNA	\$10,000
2012	UNIVERSITY OF MARYLAND	MD	R21AI093198	NEWCASTLE DISEASE VIRUS VECTORED HIV VACCINES	\$197,189
2012	IMQUEST BIOSCIENCES INC	MD	R33AI088586	Development of a novel nanoparticle pyrimidinedione vaginal polymeric film as an	\$374,101
2012	IMQUEST BIOSCIENCES INC	MD	U19AI101961	Development and Evaluation of Dual Compartment Combination Microbicides	\$3,224,012
2012	JOHNS HOPKINS UNIVERSITY	MD	R01AI095453	Essential PK/PD Relationships of Antimalarial and Antitrypanosomal Drugs	\$283,500
2012	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI101979	PREGNANCY SPECIFIC GLYCOPROTEIN 1 ACTIVATES TRANSFORMING GROWTH FACTOR BETA	\$187,607
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI092033	MOLECULAR BASIS OF HUMAN DEFENSINS AS NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$191,875
2012	JOHNS HOPKINS UNIVERSITY	MD	R21AI101377	Herpesvirus protein kinases: Substrate recognition and pathway targeting.	\$243,000
2012	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI100192	CLOUD-ENABLED GENOMICS RESOURCE FOR AUTOMATED PATHOGEN DIAGNOSTICS IN THE FIELD	\$205,340
2012	JOHNS HOPKINS UNIVERSITY	MD	K01AI100681	Cost-Effectiveness of ED HIV Testing Program Agent-Based Modeling Approach	\$136,304
2012	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI098178	DEVELOPMENT OF THERAPEUTIC PAN-FILOVIRUS MACAQUE MONOCLONAL ANTIBODIES	\$296,159
2012	BATES COLLEGE	ME	R15AI099134	3C PROTEASE POLYUBIQUITYLATION AS A PICORNAVIRUS REPLICATION SUCCESS DETERMINANT	\$350,000
2012	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI094406	GENETICS AND VISUALIZATION OF INNATE HOST RESPONSE TO C. ALBICANS INFECTION IN VI	\$421,632
2012	UNIVERSITY OF MICHIGAN	MI	R01AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$246,985
2012	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$287,152
2012	UNIVERSITY OF MICHIGAN	MI	R01AI083252	Mechanism of cholera toxin retro-translocation	\$299,975
2012	GRAND VALLEY STATE UNIVERSITY	MI	R03AI092155	ANALYSIS OF CANDIDA ALBICANS FILAMENTATION USING SILAC	\$57,688
2012	UNIVERSITY OF MICHIGAN	MI	K23AI091623	Phase II Trial of Vorinostat plus Tacrolimus and Mycophenolate to Prevent GVHD	\$131,045

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2012	UNIVERSITY OF MICHIGAN	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$504,112
2012	UNIVERSITY OF MICHIGAN	MI	R01AI091627	Notch Signaling in Alloimmunity	\$383,034
2012	WAYNE STATE UNIVERSITY	MI	R21AI095520	Zebrafish as a natural host model for Vibrio cholerae	\$190,000
2012	UNIVERSITY OF MICHIGAN	MI	R21AI088543	CRYSTALLIZATION OF OUTER MEMBRANE PROTEINS FOR EXPORT OF POLYSACCHARIDE CAPSULE	\$186,050
2012	UNIVERSITY OF MICHIGAN	MI	R21AI102106	Targeting host deubiquitinases for broad spectrum anti-infective therapy	\$194,375
2012	UNIVERSITY OF MICHIGAN	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$345,979
2012	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$366,074
2012	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCs IN MODULATING DONOR NATURAL TREGs MEDIATED SUPPRESSION OF GVHD	\$364,230
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$297,950
2012	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	Determinants of Malaria Disease in Malawi	\$1,825,484
2012	MICHIGAN STATE UNIVERSITY	MI	R03AI090216	Deep sequence profiling of gRNA transcriptomes in two stages of Trypanosoma brucei	\$76,000
2012	UNIVERSITY OF MICHIGAN	MI	R01AI096962	HIV Infection of Hematopoietic Progenitor Cells	\$608,224
2012	UNIVERSITY OF MICHIGAN	MI	R21AI099984	PROTEIN-PROTEIN INTERACTION ESSENTIAL FOR BACTERIAL GROWTH AND VIRULENCE	\$231,605
2012	UNIVERSITY OF MICHIGAN	MI	R21AI094097	THE ROLE OF PROPHAGE LIFE CYCLE IN STX PRODUCTION AND DISEASE DUE TO EHEC	\$194,375
2012	WAYNE STATE UNIVERSITY	MI	K01AI099006	Defining Precursors to VRSA Emergence: Epidemiology of MRSA & VRE Dual Infection	\$128,321
2012	UNIVERSITY OF MICHIGAN	MI	R01AI049294	ORGANIZATION AND FUNCTION OF A TYPE II SECRETION COMPLEX	\$378,352
2012	UNIVERSITY OF MICHIGAN	MI	R21AI097893	CHARACTERIZATION OF BLEACH-SPECIFIC TRANSCRIPTIONAL REGULATORS IN BACTERIA	\$228,003
2012	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$344,325
2012	UNIVERSITY OF MICHIGAN	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$372,352
2012	UNIVERSITY OF MICHIGAN	MI	K08AI081754	POPULATION DYNAMICS AND EVOLUTIONARY CAPACITY OF VIRAL QUASISPECIES	\$114,212
2012	NANOVIR LLC	MI	R42AI068159	PRE-CLINICAL DEVELOPMENT OF A BROAD SPECTRUM ANTIVIRAL COMPOUND TO TREAT HUMAN PA	\$1,000,000
2012	UNIVERSITY OF MICHIGAN	MI	K01AI091440	ESTIMATION OF HIV TRANSMISSION DYNAMICS USING GENETIC SEQUENCES OF VIRUS	\$131,562
2012	UNIVERSITY OF MICHIGAN	MI	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$426,788

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF MICHIGAN	MI	F32AI096730	THE PROMOTION OF INFLAMMATION BY BACTERIAL SIALIDASES AFTER INFLUENZA INFECTION	\$55,670
2012	HENRY FORD HEALTH SYSTEM	MI	P01AI089473	Pets and the Infant Microbiome: Effect on Immune Maturation & Atopic Asthma	\$1,792,707
2012	UNIVERSITY OF MICHIGAN	MI	R01AI097150	Household Studies of Influenza and Other Respiratory Viruses	\$480,000
2012	WAYNE STATE UNIVERSITY	MI	R56AI099390	BIOGENESIS AND OPERATION OF THE HUMAN CYTOMEGALOVIRUS ASSEMBLY COMPLEX	\$374,800
2012	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$341,130
2012	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$380,386
2012	UNIVERSITY OF MICHIGAN	MI	R01AI078752	HIV RISK DYNAMICS, GENETIC PATTERNS, AND CONTROL	\$454,317
2012	MICHIGAN STATE UNIVERSITY	MI	K02AI080225	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1	\$103,751
2012	UNIVERSITY OF MICHIGAN	MI	R01AI081062	ONTOLOGY-BASED INFORMATION NETWORK TO SUPPORT VACCINE RESEARCH	\$264,994
2012	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	\$1,503,313
2012	UNIVERSITY OF MICHIGAN	MI	U19AI090871	Clostridium difficile Cooperative Research Center	\$1,487,445
2012	UNIVERSITY OF MICHIGAN	MI	R01AI087128	DEK AND TNF INHIBITORS IN JUVENILE ARTHRITIS	\$378,564
2012	UNIVERSITY OF MICHIGAN	MI	U01AI088671	International Collaborations in Infectious Disease Research (ICIDR) (U01)	\$866,151
2012	UNIVERSITY OF MICHIGAN	MI	R01AI094563	Sexual Modulation of HIV-Relevant Vaginal Immunity	\$349,782
2012	UNIVERSITY OF MICHIGAN	MI	R01AI094642	GATA3 regulation in transcriptional networks during hematopoietic cell development	\$387,412
2012	UNIVERSITY OF MICHIGAN	MI	F32AI102552	Proteus mirabilis swarming: Initiation and role during urinary tract infection	\$49,214
2012	UNIVERSITY OF MICHIGAN	MI	R21AI101777	MOBILIZATION OF LYSOSOME ANTI-MICROBIAL DEFENSES BY THE UNFOLDED PROTEIN RESPONSE	\$227,540
2012	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$557,038
2012	UNIVERSITY OF MICHIGAN	MI	R01AI046675	Microneme function in toxoplasma	\$342,882
2012	UNIVERSITY OF MICHIGAN	MI	R21AI099497	SINGLE-MOLECULE IMAGING OF MEMBRANE-LOCALIZED TRANSCRIPTION COMPLEXES IN BACTERIA	\$189,128
2012	UNIVERSITY OF MICHIGAN	MI	R56AI097240	MMP-DEPENDENT CONTROL OF MACROPHAGE IMMUNE FUNCTION	\$388,750
2012	UNIVERSITY OF MICHIGAN	MI	R56AI065543	HSCT-INDUCED CHANGES THAT IMPAIR LUNG INNATE IMMUNITY	\$363,157

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2012	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$372,655
2012	UNIVERSITY OF MICHIGAN	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$372,038
2012	UNIVERSITY OF MICHIGAN	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$369,900
2012	AUREOGEN BIOSCIENCES INC	MI	R44AI061864	NOVEL ANTIFUNGALS BY ENGINEERING THE ABA NRPS GENE	\$240,904
2012	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$351,521
2012	GRAND VALLEY STATE UNIVERSITY	MI	R15AI082416	Biochemical and structural analysis of emerging resistance threats in Acinetobacter baumannii	\$394,210
2012	UNIVERSITY OF MICHIGAN	MI	R01AI083334	Modulation of adenovirus pathogenesis by prostaglandin E2	\$378,104
2012	UNIVERSITY OF MICHIGAN	MI	R21AI090194	ROLE OF YERSINIA PESTIS AIL IN YOP DELIVERY AND PLAGUE	\$194,375
2012	UNIVERSITY OF MICHIGAN	MI	R21AI092024	MECHANISM OF SPORE GERMINATION	\$222,960
2012	UNIVERSITY OF MICHIGAN	MI	R03AI092318	EVALUATION OF AIL AS A PROTECTIVE IMMUNOGEN FOR PLAGUE	\$77,750
2012	ALLUVIUM BIOSCIENCES INC	MI	R43AI102390	A GENETIC ENGINEERING STRATEGY FOR THE IMPROVED PRODUCTION OF THE ANTI-HELMINTHIC	\$170,521
2012	UNIVERSITY OF MICHIGAN	MI	R01AI101155	Integrating immunology, epidemiology, and evolution to understand and control per	\$339,515
2012	UNIVERSITY OF MICHIGAN	MI	R21AI098431	Natural Product-Inspired Method for Enhancing HIV Protease Inhibitors	\$194,375
2012	UNIVERSITY OF MICHIGAN	MI	R56AI093586	MECHANISMS GENERATING SUPPRESSOR CD4 T CELLS BY THYMOCYTE-MEDIATED DEVELOPMENT	\$388,750
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$358,458
2012	UNIVERSITY OF MICHIGAN	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$364,793
2012	UNIVERSITY OF MICHIGAN	MI	R01AI073876	TLR AND NOTCH LIGAND IN RSV-INDUCED DISEASE	\$364,793
2012	UNIVERSITY OF MICHIGAN	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$323,493
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$372,438
2012	UNIVERSITY OF MICHIGAN	MI	R01AI089417	Novel Therapeutics for Neurotropic Alphaviruses	\$927,665
2012	UNIVERSITY OF MICHIGAN	MI	K08AI083785	CHARACTERIZATION OF A HOST HEPATOCYTE FACTOR THAT REGULATES HCV REPLICATION	\$132,300
2012	UNIVERSITY OF MICHIGAN	MI	R21AI093642	MARINE MICROBIAL PRODUCTS AS NOVEL AGENTS AGAINST NEUROTROPIC ARBOVIRUSES	\$233,250

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2012	TSRL, INC	MI	R44AI081396	PRODRUGS OF NEURAMINIDASE INHIBITORS FOR INCREASED ORAL BIOAVAILABILITY	\$904,078
2012	UNIVERSITY OF MICHIGAN	MI	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$26,260
2012	UNIVERSITY OF MICHIGAN	MI	R21AI096985	BIOLOGICAL ACTIVITY OF LEAD COMPOUNDS TARGETING HIV-1 TAR RNA	\$230,496
2012	UNIVERSITY OF MICHIGAN	MI	R03AI096029	Antibacterial Perfluorocarbon Ventilation to Treat Severe Respiratory Infections	\$77,750
2012	UNIVERSITY OF MICHIGAN	MI	R01AI043363	MOLECULAR PATHOGENESIS OF E. COLI UTI	\$335,003
2012	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$345,409
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$328,416
2012	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$378,564
2012	UNIVERSITY OF MICHIGAN	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$378,474
2012	UNIVERSITY OF MICHIGAN	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$351,993
2012	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$372,727
2012	UNIVERSITY OF MICHIGAN	MI	R01AI080611	Mechanisms of Norovirus Entry	\$365,104
2012	MICHIGAN STATE UNIVERSITY	MI	R01AI080597	ENDOSYMBIONT, ARBOVIRUS & MOSQUITO INTERACTIONS AND THE DISEASE CONTROL	\$366,544
2012	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$708,467
2012	UNIVERSITY OF MICHIGAN	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$349,875
2012	UNIVERSITY OF MICHIGAN	MI	R21AI095022	RECRUITMENT OF BST-2/TETHERIN TO HIV-1 ASSEMBLY SITES	\$227,369
2012	WAYNE STATE UNIVERSITY	MI	R21AI092055	IMPACT OF DAPTOMYCIN DOSE EXPOSURE ON ENTEROCOCCI AND CHARACTERIZATION OF RESISTA	\$239,658
2012	UNIVERSITY OF MICHIGAN	MI	R56AI100903	MECHANISMS OF GROUP B STREPTOCOCCAL INTERACTIONS WITH EXTRAPLACENTAL MEMBRANES	\$596,136
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$377,500
2012	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$113,538
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$79,880
2012	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,662,569
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	\$367,586

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2012	MAYO CLINIC	MN	R01AI075262	ROLE OF B CELLS IN PATHOGENESIS OF COLLAGEN-INDUCED ARTHRITIS IN HUMANIZED MICE	\$259,164
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075096	CENTROMERE STRUCTURE AND FUNCTION IN CANDIDA ALBICANS	\$558,735
2012	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	K23AI073192	IMMUNE RECONSTITUTION SYNDROME IN HIV INFECTED PERSONS IN RESOURCE-LIMITED AREAS	\$132,624
2012	MAYO CLINIC	MN	U01AI082120	OPTIMIZATION OF SMALL-MOLECULE INHIBITORS OF SHIGA AND RICIN TOXINS	\$680,143
2012	MAYO CLINIC	MN	R01AI081739	COMPETITIVE T LYMPHOCYTE RESPONSES TO MULTIPLE ANTIGENIC CHALLENGES	\$390,308
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$106,388
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI088209	Cortical epithelial cells in the selection and maturation of CD8 T cells	\$365,568
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI090156	VACCINE AGAINST CMV ENDOTHELIAL TROPISM & CONGENITAL INFECTION	\$183,760
2012	MAYO CLINIC	MN	R56AI097187	MECHANISMS AND CONSEQUENCES OF CD3 REARRANGEMENT DURING TCR TRIGGERING	\$295,688
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	DEVELOPMENT OF PARATRANSGENIC TICKS FOR DISEASE CONTROL	\$440,553
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$405,807
2012	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$351,277
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$392,198
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI007313	Immunology Training Program	\$186,184
2012	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$1,044,046
2012	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$397,500
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$373,725
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$167,995
2012	MAYO CLINIC	MN	R01AI100797	Introducing restriction factors into the genome of an AIDS virus host species	\$594,943
2012	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$692,430
2012	MAYO CLINIC	MN	R01AI097241	Foundation Immunogens for Influenza Vaccines	\$415,384
2012	MAYO CLINIC	MN	R21AI101277	Risk of Herpes Zoster Among Adults with Asthma	\$242,127

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2012	MAYO CLINIC	MN	R56AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$278,281
2012	MAYO CLINIC	MN	R56AI034486	MECHANISMS OF EOSINOPHILIC INFLAMMATION IN HUMAN DISEASE	\$396,886
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI078951	Biomarker Screening of Essential Putative Glycoprotease Inhibitor	\$373,725
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$362,303
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI083234	Anthrax Toxin Lethal Factor Inhibition Study	\$465,589
2012	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$373,973
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$324,447
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081690	The Role of Plasmids in Rickettsia Biology	\$371,729
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI091298	DEFINING THE PROTECTIVE CD4+ T CELL RESPONSES TO SALMONELLA TYPHIMURIUM	\$34,883
2012	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$10,482,503
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI094133	RECEPTOR TYROSINE KINASE SIGNALING AND INFLUENZA VIRAL RNA SYNTHESIS	\$190,000
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI097672	COMMUNITY STRUCTURE AND THE EPIDEMIOLOGY OF HANTAVIRUS IN SOUTHERN CHILE	\$69,925
2012	MAYO CLINIC	MN	R01AI096967	Immunovasive Mucosal Vaccines Against HIV-1	\$336,685
2012	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$333,210
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI091907	IDENTIFICATION OF INTESTINAL BACTERIA PROTECTIVE AGAINST C. DIFFICILE COLITIS	\$188,750
2012	MAYO CLINIC	MN	R21AI101172	NOVEL COMBINATION THERAPY FOR STAPHYLOCOCCUS AUREUS PNEUMONIA	\$238,500
2012	MAYO CLINIC	MN	R56AI040384	Regulation of HIV-Mediated CD4 T Cell Apoptosis	\$458,628
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$562,491
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI079219	EOSINOPHIL PEROXIDASE IN ALLERGIC INFLAMMATION	\$443,049
2012	MAYO CLINIC	MN	R01AI091594	The Electricidal Effect, a Novel Anti-Biofilm Strategy	\$408,346
2012	MAYO CLINIC	MN	R21AI093186	SMALL ANIMAL MODEL FOR XMRV INFECTION	\$236,550
2012	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$394,250
2012	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$846,386
2012	MAYO CLINIC	MN	R21AI093944	THE ROLE FOR NKAP IN INKT CELL DEVELOPMENT	\$197,125

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2012	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$511,885
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI094676	Internet-based HIV Prevention for MSM in India	\$173,741
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$203,540
2012	UNIVERSITY OF MINNESOTA	MN	R37AI039560	TCR signal strength in thymic selection	\$369,208
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI101540	Dual TCR T cells in thymic selection and autoimmunity	\$228,000
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI093580	Novel Mechanism of Immune Evasion by Arenaviral Nucleoproteins	\$380,000
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$333,430
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$332,990
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$373,725
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$298,980
2012	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	\$12,481,750
2012	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$354,822
2012	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$369,882
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$357,919
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080928	BIODEGRADABLE NANOPARTICLES FOR TARGETED ANTIBIOTIC DELIVERY	\$371,438
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073366	STAPHYLOCOCCAL SUPERANTIGEN INTERACTIONS WITH VAGINAL EPITHELIUM	\$289,184
2012	UNIVERSITY OF MINNESOTA	MN	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$418,634
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$373,725
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI091974	Preclinical Assessment of Novel Combination Therapy to Restore and Prolong Regula	\$374,621
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R33AI087098	CRYSTALLOGRAPHIC STUDIES OF RETROVIRAL INTEGRASES	\$377,500
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$363,998
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$336,353
2012	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$2,069,875

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2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI090732	IMPACT OF EXTRAORDINARILY LARGE NUMBERS OF SIV-SPECIFIC CD8 T CELLS ON VAGINAL TR	\$736,366
2012	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	\$1,484,331
2012	MAYO CLINIC	MN	R01AI089713	Pathophysiology of cholangiocyte responses to microbial pathogens	\$354,825
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI090147	MEROPENEM PRODRUGS FOR XDR-TB	\$178,522
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI098984	Development of an effective DISC vaccine strategy against congenital CMV	\$370,640
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI097668	IMMUNE TOLERANCE IN HUMANIZED TRANSLATIONAL MODELS TO CURE DIABETES	\$217,599
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI100933	Placental trophoblast infection and TLR mediated response to congenital CMV	\$365,440
2012	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$373,254
2012	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$363,104
2012	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$202,351
2012	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$332,413
2012	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$385,016
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI102625	Vaccine Design to Concentrate Protective Antibodies at the Mucosal Border	\$843,856
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI100088	THE IMPACT OF IL-4 ON THE CD8 T CELL RESPONSE TO PATHOGENS	\$228,000
2012	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	U01AI102463	Alloantigen Delivery Via ECDI-Fixed Cells For Tolerance To Monkey Islet Grafts	\$869,444
2012	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$338,580
2012	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$376,200
2012	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$408,141
2012	SAINT LOUIS UNIVERSITY	MO	F33AI098415	POXVIRUS-MEDIATED CHANGE TO PROTEASOMAL PEPTIDE SIGNATURES IN MACROPHAGES	\$62,030
2012	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$321,630
2012	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,567,435
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076395	MECHANISMS BY WHICH B CELL DEPLETION INHIBITS AUTOIMMUNE DISEASES	\$366,312
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074857	THYROID EPITHELIAL CELL HYPERPLASIA: MECHANISMS OF INDUCTION	\$358,647

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	\$300,000
2012	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R01AI097119	STRUCTURE AND FUNCTION OF PHOSPHOETHANOLAMINE METHYLTRANSFERASES: NEW ANTI-PARAS	\$328,000
2012	MISSOURI STATE UNIVERSITY	MO	R15AI088594	ANTIMICROBIAL EFFECT OF A NEW CLASS OF LIGHT RESISTANT SILVER(I) COMPLEXES ADHESI	\$396,264
2012	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$744,807
2012	WASHINGTON UNIVERSITY	MO	R01AI041592	C3, CR1, CRRY: INTERACTIONS, HOMEOSTASIS AND TRANSLATIONAL IMPLICATIONS	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$376,200
2012	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$338,580
2012	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$157,500
2012	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$376,200
2012	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI080870	HuR in Allergic Asthma and T Cell Differentiation	\$351,289
2012	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$372,438
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$364,762
2012	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	\$2,481,023
2012	WASHINGTON UNIVERSITY	MO	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$107,127
2012	WASHINGTON UNIVERSITY	MO	F32AI096853	CHARACTERIZATION OF ESSENTIAL RHOPTRY KINASES OF TOXOPLASMA GONDII	\$52,190
2012	WASHINGTON UNIVERSITY	MO	UM1AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,518,094
2012	WASHINGTON UNIVERSITY	MO	R56AI101829	A NOVEL SCREEN FOR ANTIFUNGALS THAT TARGET CHITOSAN BIOSYNTHESIS	\$396,500
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$292,272
2012	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$304,000
2012	WASHINGTON UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$364,278
2012	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$372,438

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2012	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$411,422
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$360,279
2012	WASHINGTON UNIVERSITY	MO	R01AI078795	CRYPTOCOCCAL INTERACTIONS WITH HOST CELLS	\$421,508
2012	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF INFLUENZA VIRUS INFECTION BY ISG15	\$335,195
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$373,600
2012	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$312,396
2012	SAINT LOUIS UNIVERSITY	MO	R01AI098114	T cell Activation by Immune Complexes and complement in Autoimmunity	\$375,000
2012	SAINT LOUIS UNIVERSITY	MO	R21AI094478	T REGULATORY CELLS AND NEONATAL INNATE IMMUNITY	\$225,000
2012	WASHINGTON UNIVERSITY	MO	R01AI094098	DESIGNING SELECTIVE INHIBITORS OF CALCIUM-DEPENDENT KINASES IN PARASITES	\$504,941
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$431,199
2012	WASHINGTON UNIVERSITY	MO	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$306,903
2012	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$277,859
2012	WASHINGTON UNIVERSITY	MO	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$300,960
2012	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$663,769
2012	WASHINGTON UNIVERSITY	MO	K08AI081751	INTEGRATION OF T CELL RECEPTOR AND CHEMOKINE SIGNALING IN THYMOCYTES	\$114,196
2012	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$353,780
2012	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$380,000
2012	SAINT LOUIS UNIVERSITY	MO	R21AI100213	DENGUE DIAGNOSTICS USING A NOVEL PEROXIDASE CHAIN REACTION (PXCR)	\$280,872
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091588	Parvovirus-Cell Interactions	\$299,420
2012	WASHINGTON UNIVERSITY	MO	R01AI089870	MECHANISMS OF NATURAL KILLER CELL TOLERANCE	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$380,000
2012	WASHINGTON UNIVERSITY	MO	K08AI102946	INTEGRATION OF DNA DAMAGE RESPONSES WITH IMMUNE DEVELOPMENT AND FUNCTION	\$126,838

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	WASHINGTON UNIVERSITY	MO	R01AI097244	GENE REGULATION GOVERNING T LYMPHOCYTE FATE DECISIONS	\$380,000
2012	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$622,090
2012	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	STRUCTURE FUNCTION ANALYSIS OF STAPHYLOCOCCAL COMPLEMENT INHIBITORS	\$300,401
2012	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$729,263
2012	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$374,986
2012	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$372,438
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	F32AI085627	BIOACTIVITY OF APTAMERS TARGETED TO HIV REVERSE TRANSCRIPTASE	\$53,942
2012	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeutics for Chikungunya Virus	\$944,844
2012	WASHINGTON UNIVERSITY	MO	K23AI091690	TRANSMISSION DYNAMICS OF CA-MRSA AMONG HOUSEHOLD MEMBERS AND THE HOME ENVIRONMENT	\$126,506
2012	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI087304	Prevention of HIV/AIDS by Stimuli-Sensitive Nanomedicine for Microbicide Delivery	\$342,219
2012	WASHINGTON UNIVERSITY	MO	R21AI101530	IMMUNOSUPPRESSION IN SEPSIS DETECTED BY REACTIVATION OF LATENT VIRUSES	\$228,000
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R56AI095235	REVERSAL OF AUTOIMMUNE DIABETES	\$367,608
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$462,822
2012	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI079187	THE ROLE OF REGULATORY T CELL DEVELOPMENT IN THE PREVENTION OF AUTOIMMUNITY	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R21AI095922	ESTABLISHMENT OF A REPLICATION SYSTEM FOR WU POLYOMAVIRUS	\$190,000
2012	WASHINGTON UNIVERSITY	MO	R01AI097213	DEFINING THE HUMAN VIROME IN IMMUNOCOMPROMISED CHILDREN	\$668,447
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI100890	Novel antivirals targeting the RNase H activity of HIV reverse transcriptase	\$710,548
2012	WASHINGTON UNIVERSITY	MO	R21AI097865	EXPLORING THE C. ELEGANS TRANSCRIPTIONAL RESPONSE TO VIRAL INFECTION	\$228,000
2012	WASHINGTON UNIVERSITY	MO	R01AI099108	TRANSCRIPTIONAL REGULATION OF ANTIBODY RESPONSES AND IMMUNITY	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R21AI097535	ROLE OF TCR SPECIFICITY IN SELECTING IL-10 PRODUCING CELLS IN THE COLON	\$190,000

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2012	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$304,000
2012	WASHINGTON UNIVERSITY	MO	R01AI024742	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	\$488,089
2012	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$380,000
2012	WASHINGTON UNIVERSITY	MO	R01AI047829	THE V(D)J RECOMBINATION REACTION AND ITS IMPACT ON LYMPHOCYTE DEVELOPMENT	\$376,200
2012	WASHINGTON UNIVERSITY	MO	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$430,048
2012	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$308,241
2012	SAINT LOUIS UNIVERSITY	MO	R01AI087764	Exploiting dual-TCR for rescue of CD8 T cell tolerance in adoptive immunotherapy	\$365,063
2012	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	\$564,530
2012	SAINT LOUIS UNIVERSITY	MO	R21AI100682	HIV INTEGRASE STRUCTURAL BIOLOGY	\$225,000
2012	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R21AI094364	ANTIFUNGAL DRUG TARGET PRIORITIZATION USING CRYPTOCOCCUS NEOFORMANS	\$221,721
2012	SAINT LOUIS UNIVERSITY	MO	R21AI099514	DEVELOPMENT OF NOVEL CHAGAS VACCINES	\$225,000
2012	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$773,189
2012	WASHINGTON UNIVERSITY	MO	R01AI049261	ROLE OF DPPI & SERINE PROTEASES IN INFLAMMATORY DISEASES	\$372,438
2012	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,257,328
2012	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$405,559
2012	WASHINGTON UNIVERSITY	MO	K08AI085030	Mechanisms of Innate Immune Memory	\$120,061
2012	WASHINGTON UNIVERSITY	MO	R01AI077600	BACTERIAL CAPTURE AND ANTIGEN PRESENTATION IN SPLEEN	\$372,438
2012	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$372,438
2012	WASHINGTON UNIVERSITY	MO	K99AI099156	ROLE OF CHAPERONES IN MAINTAINING THE ASPARAGINE REPEAT-RICH PROTEOME OF P. FALCI	\$90,000
2012	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R01AI083803	Biophysics of Drug Interactions with Viral Episomes	\$361,117
2012	WASHINGTON UNIVERSITY	MO	R01AI084887	SUSCEPTIBILITY GENE-VIRUS INTERACTIONS IN INFLAMMATORY BOWEL DISEASE	\$376,200
2012	WASHINGTON UNIVERSITY	MO	R21AI093175	CELLULAR RESTRICTIVE FACTOR TARGETED BY VIRAL PROTEIN X	\$228,000

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2012	SAINT LOUIS UNIVERSITY	MO	R21AI097852	COMMITMENT AND PLASTICITY OF TH17 CELLS AND TREGS IN THE TUMOR MICROENVIRONMENT	\$225,000
2012	WASHINGTON UNIVERSITY	MO	R01AI024157	RECOGNITION AND SIGNALING IN POSITIVE SELECTION OF CD4+ T CELLS	\$380,000
2012	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI101093	EXPOSORIUM DETERMINANTS OF BACILLUS ANTHRACIS	\$185,287
2012	MISSISSIPPI STATE UNIVERSITY	MS	K22AI091652	IDENTIFYING BORRELIA TURICATAE GENES NEEDED FOR COLONIZATION AND TRANSMISSION FRO	\$162,000
2012	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$392,035
2012	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI099910	ROLE OF VECTOR ANTIOXIDANT FACTORS IN AMBLYOMMA-RICKETTSIA INTERACTION	\$439,500
2012	MONTANA STATE UNIVERSITY	MT	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$349,161
2012	MONTANA STATE UNIVERSITY	MT	R21AI094268	Role of IbpA in maintaining viability of P. aeruginosa biofilm persister cells	\$178,125
2012	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$324,792
2012	MONTANA STATE UNIVERSITY	MT	R01AI081838	Hypoxia Adapatation and Fungal Virulence of Aspergillus fumigatus	\$70,680
2012	MONTANA STATE UNIVERSITY	MT	R21AI094261	ROLE OF TOLL-LIKE RECEPTORS IN COXIELLA BURNETII INFECTION	\$216,000
2012	UNIVERSITY OF MONTANA	MT	R21AI095804	ROLE OF SURFACE PROTEINS IN SAND FLY COLONIZATION BY BARTONELLA BACILLIFORMIS	\$212,250
2012	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$346,710
2012	MONTANA STATE UNIVERSITY	MT	R01AI081961	MAPPING ADENO-ASSOCIATED VIRUS CAPSID STRUCTURAL AND DYNAMIC TRANSITIONS	\$344,488
2012	UNIVERSITY OF MONTANA	MT	R21AI099870	Molecular determinants of host-cell interactions required for arenavirus replicat	\$212,563
2012	MONTANA STATE UNIVERSITY	MT	R21AI097703	VACCINE AND THERAPEUTIC ANTIBODIES AGAINST GROUP A STREPTOCOCCUS	\$216,000
2012	UNIVERSITY OF MONTANA	MT	R01AI097274	HCMV gH/gL complexes: Distinct roles for epithelial cell tropism, and implications for antibody neutralization.	\$346,134
2012	MONTANA STATE UNIVERSITY	MT	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$112,836
2012	MONTANA STATE UNIVERSITY	MT	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$408,908
2012	MONTANA STATE UNIVERSITY	MT	R21AI088041	THE ROLE OF SAER/S DURING STAPHYLOCOCCUS AUREUS SKIN INFECTIONS	\$178,125
2012	MONTANA STATE UNIVERSITY	MT	R01AI095704	Evasion of Innate Immunity by Group A Streptococcus	\$354,967
2012	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$312,039

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2012	MONTANA STATE UNIVERSITY	MT	K22AI091647	DEFINING THE ROLE OF MAST CELLS DURING INFLUENZA A VIRUS INFECTION	\$108,000
2012	MONTANA STATE UNIVERSITY	MT	K01AI097281	Phylogenomic epidemiology of Clostridium difficile	\$75,600
2012	DUKE UNIVERSITY	NC	R01AI073947	REGULATION OF THYMOCYTE MATURATION AND MATURE T LYMPHOCYTE HOMEOSTASIS BY C-FLIP	\$382,239
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R37AI031789	STATISTICAL METHODS FOR AIDS CLINICAL TRIALS	\$358,514
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$578,317
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$3,687,668
2012	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$202,972
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$2,648,826
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI080288	AIDS LENTIVIRUS-INDUCED TGF-BETA+ TREG CELLS MEDIATE T CELL IMMUNE DYSFUNCTION	\$365,087
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$366,300
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	\$29,242
2012	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	UM1AI068619	LOC: HIV Prevention Trials Network	\$16,330,898
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI098339	Vaccination strategies to overcome immune deficiencies in neonates	\$623,271
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099969	Developing High-Throughput Assays for M. tuberculosis Tat Pathway Inhibitors	\$370,000
2012	SOUTHEAST TECHINVENTURES INC	NC	R41AI100375	NOVEL BIOMARKERS FOR EARLY DETECTION OF ASPERGILLOSIS	\$263,926
2012	DUKE UNIVERSITY	NC	R21AI100760	ANTIBODY PROTECTION AGAINST SIV TRANSMISSION	\$235,500
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI095180	PREVENTION AND ANTIVIRAL TREATMENT FOR EBV LYMPHOMAGENESIS	\$228,000
2012	UNIVERSITY OF NORTH CAROLINA AT GREENSBORO	NC	R15AI098015	Inhibition of mTOR Alters Epstein-Barr Virus Lytic Replication	\$427,244
2012	DUKE UNIVERSITY	NC	R34AI098620	OPTIMIZING DURATION OF ANTIBIOTICS AFTER VALVE SURGERY FOR INFECTIVE ENDOCARDITIS	\$235,500
2012	DUKE UNIVERSITY	NC	R33AI085401	Development of anti-Aspergillus single chain Abs as serum and imaging diagnostics	\$462,471
2012	DUKE UNIVERSITY	NC	K08AI101263	Role of Endogenous Toll-Like Receptor Ligands in Allospecific T Cell Activation	\$128,817

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2012	DUKE UNIVERSITY	NC	R56AI098588	DETERMINANTS OF PROTECTION IN HIV-EXPOSED SERONEGATIVE MEN	\$499,010
2012	DUKE UNIVERSITY	NC	R01AI052201	INNATE IMMUNE MECHANISMS IN NON-INFECTIOUS LUNG INFLAMMATION	\$382,239
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$324,594
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$155,806
2012	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$174,852
2012	DUKE UNIVERSITY	NC	K01AI083782	MATHEMATICAL MODELING IN CLINICAL TRIALS OF TUBERCULOSIS THERAPEUTICS	\$125,577
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083059	Acute HIV infection - A key link for transmission prevention	\$798,502
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$592,709
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079144	Epigenetics of Severe Systemic Inflammation	\$490,380
2012	NOVAN INC	NC	R44AI074098	NITRIC OXIDE-RELEASING WOUND DRESSING FOR PREVENTING CHRONIC WOUND INFECTIONS	\$711,729
2012	GLOBAL VACCINES INC	NC	R01AI088250	Role of innate immune responses in the activity of an Alphavirus based adjuvant.	\$566,898
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI093242	TRAPPING HIV IN MUCUS WITH IGG ANTIBODIES	\$219,709
2012	DUKE UNIVERSITY	NC	F32AI096866	C. trachomatis-mediated signaling pathways required for Type I IFN responses	\$52,190
2012	DUKE UNIVERSITY	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$386,488
2012	DUKE UNIVERSITY	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$35,734
2012	DUKE UNIVERSITY	NC	R01AI102747	Mucosal vaccination to protect against HIV-1 infection at mucosal sites	\$491,944
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	\$990,531
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI099582	ROLE AND REGULATION OF A MOLECULAR MIMIC IN HISTOPLASMA PATHOGENESIS	\$185,000
2012	DUKE UNIVERSITY	NC	K23AI096913	Moving Towards More Individualized Therapies in HIV/HCV Co-infected Patients	\$88,700
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$8,990,073
2012	VIAMET PHARMACEUTICALS INC	NC	R21AI101497	OPTIMIZED CYP51 INHIBITORS FOR THE ORAL TREATMENT OF CNS COCCIDIOIDES INFECTIONS	\$130,000
2012	NOVAN INC	NC	R43AI096569	NITRIC OXIDE-RELEASING INTRANASAL GEL TO DECOLONIZE BIOFILM-EMBEDDED S. AUREUS	\$292,972

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2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097518	Inflammasome response to bacterial infection	\$349,413
2012	DUKE UNIVERSITY	NC	R01AI100759	Forward and Reverse Genetics in Chlamydia	\$491,559
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI090507	DIFFUSION OF VIRUSES ACROSS HUMAN AIRWAY MUCUS AND TRAPPING BY ANTIBODIES	\$219,709
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI099026	Optimizing the impact of Xpert MTB/RIF on treatment outcomes of drug resistant TB	\$593,925
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI049427	ADHESION JUNCTION REGULATION IN NORMAL AND DISEASED SKIN	\$409,108
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$145,117
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077417	MODIFIED TRITERPINES AS POTENT HIV FUSION INHIBITORS	\$450,507
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$441,965
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$324,795
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$463,129
2012	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$387,448
2012	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$359,791
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	\$679,305
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079226	THE MOVEMENT OF INFLUENZA VIRUS IN HUMAN POPULATION	\$661,144
2012	DUKE UNIVERSITY	NC	R01AI074754	BCI-2 FAMILY IN T LYMPHOCYTE HOMEOSTASIS	\$382,239
2012	DUKE UNIVERSITY	NC	R21AI100257	DEVELOPMENT OF ANTI-SALMONELLA SINGLE-CHAIN ABS AS SERUM DIAGNOSTICS	\$193,754
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083269	Age-Dependent Thymic Events and the Development of Autoimmune T Cells in NOD Mice	\$363,569
2012	DUKE UNIVERSITY	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	\$384,955
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI096937	TOWARDS THERAPY-INDUCED LETHAL HIV MUTAGENESIS	\$260,163
2012	DUKE UNIVERSITY	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$386,100
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI095800	REGULATION OF PROTECTIVE HUMORAL IMMUNITY TO STREPTOCOCCUS PNEUMONIAE BY PD-1	\$185,000
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$362,203

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	DUKE UNIVERSITY	NC	R01AI093257	Evolution of Cryptococcus neoformans strains from patients with HIV/AIDS	\$506,670
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096015	CIRCUMVENTING TETRACYCLINE RESISTANCE MECHANISMS WITH DOXYCYCLINE-CONJUGATED GOLD N	\$178,713
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI094269	Identification of bacteria-associated cues that regulate hatching of Aedes aegypt	\$223,500
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI097539	TEMPORAL ANALYSIS OF NITRIC OXIDE AS POTENTIAL SEPSIS BIOMARKER	\$182,741
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R13AI102515	UNC-SOUTH CHINA STD RESEARCH TRAINING CONFERENCE	\$5,000
2012	DUKE UNIVERSITY	NC	R21AI095979	SUSTAINABLE FINANCIAL INCENTIVES TO IMPROVE PRESCRIPTION PRACTICES FOR MALARIA	\$177,020
2012	G1 THERAPEUTICS INC	NC	R44AI084284	ORGANISMAL RADIOPROTECTION THROUGH PHARMACOLOGICAL QUIESCENCE	\$1,000,000
2012	DUKE UNIVERSITY	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$124,588
2012	DUKE UNIVERSITY	NC	R56AI052779	HIV-1 Gene Suppression by CD8+ T Cells	\$387,648
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$326,374
2012	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$318,038
2012	DUKE UNIVERSITY	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$387,789
2012	DUKE UNIVERSITY	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$5,003,883
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI097392	The roles of Gata3 in controlling Treg function	\$368,389
2012	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$5,086,123
2012	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$341,101
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$130,842
2012	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$317,727
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI074445	T REGULATORY CELL SUPPRESSION OF CD8+ CELL RESPONSES DURING FIV INFECTION	\$122,850
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$384,948
2012	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$3,703,211
2012	DUKE UNIVERSITY	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$575,369

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$314,812
2012	DUKE UNIVERSITY	NC	U01AI082107	DEVELOPMENT OF EFFICACIOUS AND STABLE NASAL VACCINE FORMULATIONS	\$787,200
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096268	First Transcriptome to the Tick Olfactory System	\$186,583
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI093154	CONTACT DEPENDENT GROWTH INHIBITION IN BURKHOLDERIA PSEUDOMALLEI	\$185,000
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI079240	Innate Immunity in Bullous Pemphigoid	\$366,300
2012	DUKE UNIVERSITY	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$451,107
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$1,568,808
2012	DUKE UNIVERSITY	NC	K22AI093595	Functional genomics of human variation to Salmonella invasion	\$154,400
2012	DUKE UNIVERSITY	NC	R34AI100784	NITRIC OXIDE AND MALARIA	\$199,175
2012	DUKE UNIVERSITY	NC	UM1AI069484	HIV/AIDS Clinical Trials Unit	\$2,613,765
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI096139	ADENOSINE RECEPTORS AS THERAPEUTIC TARGETS FOR CHRONIC RHINOSINUSITIS	\$185,000
2012	AGILE SCIENCES INC	NC	R43AI098233	SMALL MOLECULES TO ENHANCE BACTERIAL SUSCEPTIBILITY TO ANTISEPTICS	\$257,221
2012	DUKE UNIVERSITY	NC	R21AI102814	HIV-1 NEUTRALIZING ANTIBODY BINDING TO VIRAL MEMBRANE MIMICS	\$229,670
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	UM1AI069423	University of North Carolina Global HIV Prevention and Treatment Clinical Trials	\$3,236,867
2012	DUKE UNIVERSITY	NC	R56AI064789	NITRIC OXIDE AND MITOCHONDRIAL BIOGENESIS IN SEPSIS	\$314,000
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI097609	GENETIC EPIDEMIOLOGY OF MALARIA IN THE DEMOCRATIC REPUBLIC OF THE CONGO	\$488,403
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$358,366
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067641	IMMUNE EVASION MECHANISMS OF NEUROVIRULENT ALPHAVIRUSES	\$286,000
2012	DUKE UNIVERSITY	NC	R01AI055588	STRUCTURAL AND BIOCHEMICAL STUDIES OF LPXC INHIBITION	\$382,239
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$435,605
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$521,396
2012	GLOBAL VACCINES INC	NC	U01AI078060	A TETRAVALENT DENGUE VACCINE BASED ON ALPHAVIRUS REPLICONS	\$1,070,488
2012	DUKE UNIVERSITY	NC	K08AI087992	SIV-SPECIFIC IMMUNITY IN BREAST MILK DURING INFECTION AND AFTER VACCINATION	\$132,300

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2012	DUKE UNIVERSITY	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$835,261
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI092228	NOVEL ANTI-ALLERGIC SINGLE-DOMAIN ANTIBODY AGAINST IGE	\$182,324
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI085830	EVALUATING THE PROGRESSION OF PNEUMONIC PLAGUE	\$53,942
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$427,013
2012	DUKE UNIVERSITY	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$140,390
2012	DUKE UNIVERSITY	NC	R01AI081694	Chlamydia Effector Proteins	\$403,713
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$370,000
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	\$366,238
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095052	A Phase II/II Investigation of the Effect of Vorinostat (VOR) in HIV Infection	\$565,171
2012	DUKE UNIVERSITY	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$741,665
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI094014	COMBINED PEANUT ORAL IMMUNOTHERAPY AND ANTI-IGE: MECHANISTIC STUDIES	\$185,000
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI101675	Assembly of Live Nipah Virus with Complement Factors	\$81,209
2012	DUKE UNIVERSITY	NC	R21AI094564	EVALUATION OF THE NASAL ADJUVANT ACTIVITY OF ANGIOTENSIN PEPTIDE ANG-(1-7)	\$196,250
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI100924	Molecular pathogenesis and genetic diversification of childhood falciparum malari	\$0
2012	DUKE UNIVERSITY	NC	R01AI101206	TSC1-mTOR signaling and T cell tolerance	\$392,500
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI100067	Molecular Mechanisms Associated with Immune Maturation in Infants	\$443,860
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$309,262
2012	DUKE UNIVERSITY	NC	R56AI102074	GLUCOSE TRANSPORT IN REGULATION OF T CELL ACTIVATION AND INFLAMMATION	\$392,500
2012	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$382,239
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$484,651
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$362,637
2012	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$175,391
2012	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$386,100
2012	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$697,286

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2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054540	PROTEIN SECRETION PATHWAYS OF MYCOBACTERIUM TUBERCULOSIS	\$324,501
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$194,049
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$290,110
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078924	STRUCTURE AND INHIBITION OF THE CONJUGATIVE DNA RELAXASE-HELICASE	\$355,517
2012	DUKE UNIVERSITY	NC	R01AI076357	A MURINE MODEL OF CHRONIC AUTOIMMUNE HEPATITIS AND LIVER FIBROSIS	\$305,791
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$414,595
2012	DUKE UNIVERSITY	NC	R03AI101992	MODELING THE SPECTRUM OF HIT PATHOBIOLOGY	\$78,500
2012	DUKE UNIVERSITY	NC	R33AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$371,506
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095031	Preventing HIV Infection in Women: Targeting Antiretrovirals to Mucosal Tissues	\$953,109
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	\$553,975
2012	DUKE UNIVERSITY	NC	R21AI090434	EFFECTS OF MYCOBACTERIAL INFECTIONS INDUCED CELL DEATH ON HOST IMMUNE RESPONSE	\$196,250
2012	RESEARCH TRIANGLE INSTITUTE	NC	R01AI091882	INHALED CAPRAZAMYCIN FOR TUBERCULOSIS THERAPY	\$332,768
2012	DUKE UNIVERSITY	NC	R01AI088100	A role of osteopontin in innate immunity against fungal infection	\$390,018
2012	DUKE UNIVERSITY	NC	UM1AI100645	Center for HIV/AIDS Vaccine Immunology and Immunogen Discovery	\$22,685,614
2012	DUKE UNIVERSITY	NC	R03AI099667	SEROLOGY AS A MEASURE OF EXPOSURE AND DURATION OF INFECTION IN MALARIA TRIALS	\$63,000
2012	DUKE UNIVERSITY	NC	R01AI095424	Redox Regulation of Lung Mitochondrial Biogenesis in Sepsis/Pneumonia	\$392,500
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI095590	OPTIMIZING HPV VACCINATION: PARENTS, PROVIDERS AND PRE-TEEN BOYS	\$296,000
2012	DUKE UNIVERSITY	NC	R21AI099823	TARGETING OF INTERFERON-INDUCED HOST PROTEINS TO LEGIONELLA-CONTAINING VACUOLES	\$191,797
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI103083	Membrane Hijacking: Biogenesis and Fate of Enveloped Hepatovirus	\$380,000
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI091863	Modeling Lymphocyte Chemokine Receptor Dynamics and Polarization Signals	\$84,620

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2012	DUKE UNIVERSITY	NC	R56AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$384,995
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$360,245
2012	DUKE UNIVERSITY	NC	R01AI050128	RAS SIGNALING IN C. NEOFORMANS VIRULENCE AND DEVELOPMENT	\$305,791
2012	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$382,239
2012	DUKE UNIVERSITY	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$569,383
2012	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$202,470
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$193,305
2012	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,604,275
2012	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$316,451
2012	DUKE UNIVERSITY	NC	R01AI074944	AUTOPHAGY IN T LYMPHOCYTE FUNCTION	\$382,239
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080432	HIV-1 REPLICATION AND PATHOGENESIS IN VIVO	\$366,300
2012	DUKE UNIVERSITY	NC	P01AI081672	SP-A as an immune modulator	\$1,429,197
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI094941	ROLE OF NLRX1 IN DENGUE VIRUS INFECTION	\$26,095
2012	DUKE UNIVERSITY	NC	R21AI095723	MYCOBACTERIAL GENES RESPONSIBLE FOR REGULATING AUTOPHAGY	\$196,250
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$368,389
2012	ADVANCED LIQUID LOGIC INC	NC	R44AI065169	NANODROPLET PCR LAB-CHIP FOR CLINICAL PATHOGEN DETECTION	\$981,342
2012	DUKE UNIVERSITY	NC	R01AI088009	IMPLEMENTATION SCIENCE TO OPTIMIZE MALARIA VECTOR CONTROL AND DISEASE MANAGEMENT	\$543,044
2012	DUKE UNIVERSITY	NC	K02AI093866	Independent Scientist Award for Radiation Research	\$100,303
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$109,239
2012	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	\$332,809
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI096728	INTER-BACTERIAL COMPETITION SYSTEMS IN BURKHOLDERIA PSEUDOMALLEI	\$52,190
2012	DUKE UNIVERSITY	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$128,817
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI094991	Function and Secretion of Bordetella Filamentous Hemagglutinin	\$370,000

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2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$327,483
2012	DUKE UNIVERSITY	NC	F32AI102500	Chlamydial modulation of Eukaryotic signaling pathways	\$53,942
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI097560	DISSECTING THE HUMAN ANTIBODY RESPONSE TO DENGUE VIRUS	\$334,542
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$1,539,754
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI077355	SEX, AGING AND ANTIRETROVIRAL PHARMACOLOGY	\$132,230
2012	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$344,016
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI100625	Systems Immunogenetics of Biodefense Pathogens in the Collaborative Cross	\$4,594,721
2012	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI032983	CELLULAR INTERACTIONS OF VIRAL MATRIX PROTEIN	\$290,110
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$7,627,257
2012	DUKE UNIVERSITY	NC	R01AI080488	MECHANISMS OF LATE EFFECTS OF EXPOSURE TO RADIATION	\$532,238
2012	DUKE UNIVERSITY	NC	R01AI081579	B-CELL TOLERANCE AND HUMORAL IMMUNITY TO HIV-1	\$386,100
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$363,116
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082298	VIRAL ADAPTATION TO HOST SELENIUM STATUS	\$366,300
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095097	HIV co-infection and HCV-induced liver fibrosis in vivo	\$370,000
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI099083	Optimizing Tolerance Induction in Peanut Allergy: The DEVIL Study	\$91,852
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI094500	TRIM INTERACTIONS WITH ARTHRITIC ALPHAVIRUSES	\$218,946
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI100268	A NOVEL APPROACH OF BETA CELL REPLACEMENT TO REVERSE TYPE I DIABETES IN NOD MICE	\$218,757
2012	DUKE UNIVERSITY	NC	R01AI091878	Regulatory mechanisms of miR-19b, a novel mediator of T cell autoimmunity	\$252,409
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI102732	Immunogen Design to Target Carbohydrate-Occluded Epitopes on the HIV envelope	\$514,331
2012	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI100775	MECHANISMS OF CELL-ASSOCIATED HIV TRANSMISSION IN HUMANIZED MICE	\$49,214
2012	DUKE UNIVERSITY	NC	R01AI096305	Overcoming Immunosenescence by Nanoparticle-Mediated Activation	\$392,500

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2012	DUKE UNIVERSITY	NC	R21AI097541	IDENTIFICATION OF CALCINEURIN-BINDING PROTEINS IN A. FUMIGATUS SEPTUM FORMATION	\$235,500
2012	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$715,101
2012	UNIVERSITY OF NORTH DAKOTA	ND	R15AI094441	EPIGENETIC REGULATION OF THE INITIATION OF AN SV40 LYTIC INFECTION	\$414,000
2012	UNIVERSITY OF NORTH DAKOTA	ND	R15AI101973	LUNG EPITHELIUM COLLABORATES WITH ALVEOLAR MACROPHAGES IN HOST DEFENSE	\$414,000
2012	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI089403	TEMPORAL AND SPATIAL EXPRESSION OF REGULATORS AFFECTING ESCHERICHIA COLI BIOFILM	\$43,721
2012	ALTRAVAX INC	ND	R43AI102301	NOVEL THERAPEUTIC VACCINES FOR CHRONIC HBV	\$300,000
2012	UNIVERSITY OF NORTH DAKOTA	ND	R03AI092306	MELATONIN: PACEMAKER FOR NOCTURNAL PERIODICITY OF MICROFILARIAL PARASITES	\$69,000
2012	UNIVERSITY OF NORTH DAKOTA	ND	K22AI093671	ROLE OF BORRELIA BURGDORFERI REV FIBRONECTIN BINDING PROTEINS IN LYME DISEASE	\$108,000
2012	ALTRAVAX INC	ND	R43AI100526	NOVEL TETRAVALENT VACCINES FOR DENGUE VIRUS	\$300,000
2012	ALTRAVAX INC	ND	R01AI102706	Germline-Specific Immunogens for the Induction of Neutralizing Antibodies to HIV-	\$597,816
2012	ALTRAVAX INC	ND	R43AI100688	GERMLINE-SPECIFIC IMMUNOGENS FOR THE INDUCTION OF NEUTRALIZING ANTIBODIES TO HIV-	\$300,000
2012	UNIVERSITY OF NORTH DAKOTA	ND	R03AI097532	CERAMIDE MEMBRANE MICRODOMAINS REGULATE CYTOKINE SECRETION	\$69,000
2012	UNIVERSITY OF NORTH DAKOTA	ND	R21AI101644	MECHANISM OF SEPSIS DEVELOPMENT IN PULMONARY BACTERIAL INFECTION	\$207,000
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$291,090
2012	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R01AI069146	SUPPRESSION OF INNATE IMMUNITY BY AN ADP-RIBOSYLTRANSFERASE TYPE III EFFECTOR	\$355,544
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI097802	INCREASING THE ANTISCHISTOSOMAL SELECTIVITY OF ARYL HYDANTOINS	\$208,193
2012	CREIGHTON UNIVERSITY	NE	R01AI075315	TGF-BETA, CHLORIDE CHANNELS AND MIGRATION OF EOSINOPHILS	\$351,611
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI102509	2012 INTERNATIONAL CONFERENCE ON GRAM-POSITIVE PATHOGENS	\$5,000
2012	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI097260	Discovering New Anti-Infective Agents from Lysobacter	\$207,911

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2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI097493	Global Genomic and Proteomic Profiling of African Children with Typhoid Fever	\$442,131
2012	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$265,856
2012	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI087668	CITRIC ACID CYCLE REGULATION OF EXOPOLYSACCHARIDE SYNTHESIS IN STAPHYLOCOCCI	\$350,478
2012	PROMMUNE INC	NE	R41AI094710	RESPONSE-SELECTIVE C5A AGONIST FOR THE TREATMENT OF ASTHMA	\$246,109
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI038901	THE MOLECULAR CONTROL OF BACTERIAL AUTOLYSIS	\$360,187
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,946,275
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI081830	5' END GENOMIC DELETIONS AND ENTEROVIRUS PERSISTENCE	\$294,030
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI075167	Estrogen Receptor a Regulation of Lupus Development and Pathogenesis	\$393,317
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI098576	ACCUMULATION OF VH REPLACEMENT PRODUCTS IN HIV PATIENTS	\$453,052
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$291,090
2012	CREIGHTON UNIVERSITY	NE	R01AI080348	A Proteomic and Biochemical Study of HIV-1 Nucleoprotein Complexes	\$358,676
2012	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	\$364,483
2012	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	U01AI102012	Cytokine receptor populations in human autoimmune diabetes	\$515,631
2012	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$391,795
2012	DARTMOUTH COLLEGE	NH	R01AI083256	cdiGMP regulation of Biofilm Formation	\$387,140
2012	DARTMOUTH COLLEGE	NH	R21AI097018	GENETIC DISSECTION OF THE TOXOPLASMA GONDII RHOPTRY KINOME	\$237,000
2012	IMMURX INC	NH	R43AI098261	SAFE AND EFFECTIVE ANTI CD154 ANTIBODIES FOR THERAPEUTIC INTERVENTION	\$300,000
2012	DARTMOUTH COLLEGE	NH	R21AI092161	FATTY ACID RELATED REGULATION OF ENTERIC INFECTIOUS DISEASE	\$197,500
2012	DARTMOUTH COLLEGE	NH	R56AI069943	T CELL FUNCTION IN MURINE GAMMAHERPESVIRUS INFECTION	\$402,709
2012	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$399,553
2012	DARTMOUTH COLLEGE	NH	R01AI091699	Mechanism of Cif Virulence: A Bacterial Strategy to Subvert Host-Cell Defenses	\$464,930
2012	IMMURX INC	NH	R44AI080030	PRECLINICAL DEVELOPMENT OF A NOVEL AND POWERFUL IMMUNOTHERAPEUTIC	\$847,617
2012	IMMUNEXT INC	NH	R41AI100418	VALIDATION OF A NEGATIVE REGULATOR AS A NOVEL THERAPY FOR AUTOIMMUNE DISEASE	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	DARTMOUTH COLLEGE	NH	R01AI102838	Menstrual Cycle Control of HIV Infection in the Reproductive Tract	\$467,157
2012	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$462,231
2012	DARTMOUTH COLLEGE	NH	R01AI041930	T. GONDII: PYRIMIDINE SYNTHESIS AS A CHEMO TARGET	\$387,140
2012	DARTMOUTH COLLEGE	NH	R01AI059694	BIOINFORMATICS STRATEGIES: BIODEFENSE VACCINE RESEARCH	\$489,904
2012	DARTMOUTH COLLEGE	NH	R01AI081838	Hypoxia Adapatation and Fungal Virulence of Aspergillus fumigatus	\$270,480
2012	DARTMOUTH COLLEGE	NH	R01AI098007	VISTA, a novel regulator of immunity and autoimmunity	\$537,398
2012	DARTMOUTH COLLEGE	NH	R21AI094391	MOLECULAR ENGINEERING OF HUMANIZED ANTI-STAPHYLOCOCCAL LYTIC ENZYMES	\$237,000
2012	IMMUNEXT INC	NH	R43AI096682	VISTA: A NOVEL THERAPEUTIC TARGET THAT NEGATIVELY REGULATES IMMUNITY	\$300,000
2012	DARTMOUTH COLLEGE	NH	R56AI098282	GALT MEDIATED PROTECTION AGAINST CNS DEMYELINATION: ROLE OF COMMENSAL BACTERIA	\$276,500
2012	SAUREUS INC	NH	R43AI094843	DEVELOPING A RAPID AGGLUTINATION ASSAY FOR MRSA.	\$299,989
2012	DARTMOUTH COLLEGE	NH	R21AI090578	PHYSIOLOGICAL VS. PHARMACOLOGICAL EFFECTS OF GLUCOCORTICOIDS ON HUMAN MONOCYTES.	\$158,000
2012	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	\$492,120
2012	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$467,578
2012	DARTMOUTH COLLEGE	NH	R01AI078195	CHEMOKINES IN AUTOIMMUNE HEPATITIS	\$391,795
2012	DARTMOUTH COLLEGE	NH	K08AI074428	MECHANISMS FOR HIV-1 PERSISTENCE IN HUMAN MAMMARY TISSUE AND BREAST MILK CELLS	\$92,175
2012	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$226,106
2012	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	\$395,000
2012	DARTMOUTH COLLEGE	NH	R21AI098122	COMPUTATIONALLY OPTIMIZED ANTI-STAPHYLOCOCCAL BIOTHERAPEUTICS	\$212,585
2012	DARTMOUTH COLLEGE	NH	R01AI102691	Applying High-Performance Protein Engineering Tools to HIV Immunogen Design	\$478,260
2012	PRINCETON UNIVERSITY	NJ	R01AI054442	STRUCTURE-FUNCTION ANALYSIS OF AI-2 QUORUM SENSING	\$443,966
2012	PRINCETON UNIVERSITY	NJ	F32AI085922	ROLES FOR FIVE SMALL RNAS REQUIRED FOR QUORUM SENSING IN VIBRIO HARVEYI	\$53,942

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2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI084137	MULTIPLEX NANOCARRIER-BASED HYDROGELS FOR PREVENTION OF VAGINAL HIV TRANSMISSION.	\$378,564
2012	ALLIED INNOVATIVE SYSTEMS, INC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$393,631
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$386,100
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI100379	Vitamin D and Innate Immunity in Respiratory Infections	\$234,000
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	F32AI098617	Discovery of Novel HIV-1 Reverse Transcriptase Inhibitors by Fragment Screening	\$47,114
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI102718	Optimizing protective vaccine targets in the V1/V2 domain of HIV-1 gp120	\$562,814
2012	PRINCETON UNIVERSITY	NJ	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$391,025
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$578,198
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI080659	MECHANISTIC STUDIES OF HCV E2	\$383,625
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI098713	On demand blood tests for select agent diagnosis	\$1,266,188
2012	ADVANCED BIODEVICES LLC	NJ	R33AI082738	MICROBICIDE DELIVERY SYSTEM TO TARGET LYMPHOID ORGANS	\$430,882
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI097182	Biofilm matrix-degrading enzymes for the treatment and prevention of S. aureus-as	\$234,000
2012	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$371,939
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$577,918
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$1,656,910
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI093196	HIV-HUMAN PERITONAL MACROPHAGE INTERACTIONS	\$197,700
2012	HACKENSACK MEDICAL CENTER	NJ	R21AI092501	ROCK INHIBITOR SUPPRESSION OF GVHD WITH RETENTION OF GVL RESPONSE	\$220,125
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$351,000
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	UM1AI069537	NJMS Clinical Trials Unit: Targeting Pediatric, Adolescent, and Material HIV Infe	\$600,868
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094555	DEVELOPMENT OF AN HIV-1 ENTRY INHIBITOR PRE-DRUG AS A MICROBICIDE	\$213,229
2012	PRINCETON UNIVERSITY	NJ	F32AI095002	Negative regulation of virulence in Pseudomonas aeruginosa	\$53,942

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2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI092011	Role of the ribosomal stalk in the activity of Shiga toxins	\$224,893
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI099315	ROLE OF FASCIN1 IN DENDRITIC CELL-MEDIATED IMMUNITY AGAINST LISTERIA INFECTION	\$77,333
2012	PTC THERAPEUTICS INC	NJ	R56AI098837	DISCOVERY OF ANTIVIRAL AGENTS TARGETING DENGUE VIRAL TRANSLATION	\$1,082,325
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$3,103,251
2012	PRINCETON UNIVERSITY	NJ	R01AI087672	Human cytomegalovirus latency in cultured monocytes	\$358,628
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$1,212,985
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	\$195,000
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI096265	EFFECT OF TISSUE TROPISM ON RNA VIRAL EVOLUTIONARY RATES: THREE FAMILY-LEVEL ANAL	\$77,500
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$382,239
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI101349	Modulation of Human Immunity by Mycobacterium leprae	\$237,000
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV-1 Transmission and Inhibition	\$896,761
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI090155	The molecular basis of the epidemic blaKPC gene Klebsiella	\$536,305
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R33AI079771	Small-molecule inhibitors of gp41-mediated fusion as HIV-1 topical microbicides	\$474,250
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$372,300
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$516,415
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$724,064
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$559,441
2012	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	T32AI007403	Virus-Host Interactions in Eukaryotic Cells	\$138,578
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$382,239
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095055	VITAMIN D AND THE IMMUNE SYSTEM	\$199,500
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	\$195,000
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$390,000

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2012	PRINCETON UNIVERSITY	NJ	R56AI091681	MANIPULATING QUORUM SENSING TO CONTROL BACTERIAL PATHOGENICITY	\$397,778
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$623,475
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$393,385
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$383,363
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094167	IDENTIFICATION OF THE TARGET OF A COMPOUND THAT INHIBITS PLASMODIUM SPOROZOITES	\$197,500
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$400,000
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI031678	CYTOKINE GENE EXPRESSION DURING IN VIVO IMMUNE RESPONSE	\$382,239
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080653	RAPID DIAGNOSIS OF XDR TUBERCULOSIS	\$522,236
2012	SIGNUM BIOSCIENCES INC	NJ	R44AI062034	A TOPICAL NON STEROIDAL ANTI-INFLAMMATORY FOR ROSACEA	\$990,578
2012	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI083988	The function of PLZF in innate T cells	\$386,100
2012	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI094623	Structural insight into novel mechanisms of type III secretion	\$223,290
2012	PRINCETON UNIVERSITY	NJ	R01AI097382	Mechanisms and consequences of metabolic manipulation by human cytomegalovirus	\$554,306
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI097731	A role for miRNAs in adenosine-dependent alternative macrophage activation	\$197,604
2012	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI099277	Malaria melatonin receptor signaling as a novel drug target	\$428,419
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI083305	A VLP-BASED PLATFORM FOR VACCINE DISCOVERY	\$298,980
2012	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI028433	Immune System Modeling/HIV	\$334,951
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI097202	The role of PKCtheta in T cell and T-ALL migration	\$377,500
2012	SANDIA NATIONAL LABORATORIES	NM	R01AI098853	Microfluidic Platform for Multiplexed Diagnostics	\$849,461
2012	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$619,050
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R03AI092130	SPATIOTEMPORAL REGULATION OF MEMBRANE RAFT TRAFFICKING IN VIRUS ACTIVATED CELLS	\$75,500
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$406,966
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI101438	Snail-Related Studies of Transmission and Control of Schistosomiasis in Kenya	\$344,761
2012	NEW MEXICO STATE UNIVERSITY	NM	R21AI092041	A NEW SYNERGY FOR FLAVIVIRUS THERAPY: RNAI ENHANCEMENT AND VIRAL MUTAGENS	\$213,000

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2012	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI097154	Three-Dimensional Molecular Tracking of IgE-Fc {epsilon}RI in Live Cells	\$405,833
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	MAPPING FOR SPECIALIZED DOMAINS FOR FCERI SIGNALING & INTERNALIZATION	\$387,209
2012	CALDERA PHARMACEUTICALS INC	NM	R44AI079935	Selective Decorporation Agents for NIAID	\$1,000,000
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI084081	UNIVERSITY OF NEW MEXICO INTERDISCIPLINARY HPV PREVENTION CENTER	\$2,899,170
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI087807	Understanding the biology of schistosomes in response to praziquantel	\$382,841
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$498,578
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$229,375
2012	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI045452	Andes virus transmission and pathogenesis in Chile	\$549,350
2012	MESA TECH INTERNATIONAL INC	NM	R43AI093018	RAPID, DISPOSABLE, NUCLEIC ACID DIAGNOSTIC DEVICE FOR MULTIPLEXED POINT OF CARE F	\$285,395
2012	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	\$302,866
2012	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$360,592
2012	UNIVERSITY OF NEVADA-RENO	NV	R01AI059348	B. ANTHRACIS: PASSIVE IMMUNIZATION WITH ANTICAPSULAR MAB	\$541,664
2012	UNIVERSITY OF NEVADA-RENO	NV	R33AI085548	Target discovery and immunoassay for diagnosis of invasive aspergillosis	\$404,853
2012	UNIVERSITY OF NEVADA-RENO	NV	R03AI098038	ENDEMIC MAINTENANCE OF RELAPSING FEVER GENOTYPES.	\$70,500
2012	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$620,422
2012	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$444,017
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$373,644
2012	UNIVERSITY OF ROCHESTER	NY	F31AI094955	Platelet Mediated Immune Responses in Experimental Cerebral Malaria	\$42,232
2012	CORNELL UNIVERSITY	NY	R01AI073831	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$369,956
2012	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$377,339
2012	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$389,802
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$469,498
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$381,177

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2012	CORNELL UNIVERSITY	NY	R01AI050617	SIGNAL TRANSDUCTION DURING TOXOPLASMA INFECTION	\$371,185
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI051966	ANTIRETROVIRAL THERAPY FOR HIV-INFECTED PATIENTS	\$183,986
2012	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$488,913
2012	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$3,198,087
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI042783	Peptide autoinducers of staphylococcal pathogenicity	\$473,848
2012	UNIVERSITY OF ROCHESTER	NY	R01AI051542	IMMUNODOMANCE IN CD RESPONSES	\$377,339
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$410,850
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$415,000
2012	COLD SPRING HARBOR LABORATORY	NY	R13AI098386	2011 CSHL HARNESSING IMMUNITY TO PREVENT AND TREAT DISEASE CONFERENCE	\$10,000
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$410,850
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$4,300
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$4,148,040
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K99AI093884	Cellular and Molecular Basis of Gamma/Delta T Cell Antigen Recognition	\$93,598
2012	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$165,259
2012	UNIVERSITY OF ROCHESTER	NY	R01AI080401	HEMATOPOIETIC TARGETS OF RADIATION: IDENTIFICATION AND MITIGATION	\$377,339
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081510	OPTIMIZING ADENOVIRAL VECTOR TO ELICIT A POTENT ANTI-MALARIA IMMUNITY	\$447,171
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$424,819
2012	CORNELL UNIVERSITY	NY	R01AI073368	EVOLUTIONARY GENOMICS AND POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$385,385
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI072259	Regulation of Innate Immunity by Pypin Proteins	\$348,426
2012	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$431,525
2012	CUNY, RESEARCH FOUNDATION	NY	SC1AI084899	MODELING MEMBRANE BINDING AND PERMEABILIZATION BY ANTIMICROBIAL PEPTIDES	\$261,491
2012	SUNY, BUFFALO	NY	R01AI081528	EFFECT OF ZINC IN ATTACHING AND EFFACING E. COLI INFECTION	\$439,028
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075312	EFFECT OF INFLUENZA INFECTION ON ALVEOLAR MACROPHAGE FUNCTION	\$392,500

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2012	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	\$378,211
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI091633	Translocation through TonB-dependent transporters	\$166,000
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$131,085
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$132,952
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084156	P.falciparum var gene diversity and malaria control	\$418,275
2012	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	\$49,214
2012	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$390,916
2012	SUNY, BUFFALO	NY	R21AI092133	ORAL IMMUNE MODULATORY ADJUVANTS FOR TREATMENT OF COLORECTAL CARCINOMA	\$199,175
2012	SUNY, STONY BROOK	NY	R21AI092165	IMMATURE MYELOID CELLS AS TARGETS FOR THERAPEUTICS TO BACTERIAL INFECTION	\$233,113
2012	UNIVERSITY OF ROCHESTER	NY	R33AI076085	INVESTIGATION OF APOBEC3G/VIF INTERACTIONS BY SAXS AND X-RAY CRYSTALLOGRAPHY	\$359,739
2012	Global Alliance for TB Drug Development	NY	R24AI100646	Consortium for TB Biomarkers	\$451,744
2012	COLD SPRING HARBOR LABORATORY	NY	R13AI100393	2012 CSHL BACTERIA & PHAGES CONFERENCE	\$6,000
2012	ROCKEFELLER UNIVERSITY	NY	R21AI100188	UPREGULATION OF ZAP EXPRESSION AS A NOVEL APPROACH FOR ANTI-ALPHAVIRUS THERAPY	\$254,250
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI095094	Toxoplasma gondii: cyst wall	\$415,833
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI098802	Small Molecule Inhibitors of P. aeruginosa Quinolone (Pqs) Quorum Sensing	\$243,835
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097710	THE DNA DAMAGE RESPONSE AS A THERAPEUTIC TARGET IN BK VIRUS NEPHROPATHY	\$241,777
2012	COLUMBIA UNIVERSITY	NY	UM1AI069466	Centers for Innovative Research to Control AIDS	\$2,608,875
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,465
2012	UNIVERSITY OF ROCHESTER	NY	R21AI088427	INNATE VS ADAPTIVE CONTRIBUTIONS TO TH2 PATHOLOGY IN WISKOTT ALDRICH SYNDROME	\$193,125
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$132,543
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097858	NONSTRUCTURAL 4B PROTEIN AND HEPATITUS C VIRUS PRODUCTION	\$237,000
2012	CORNELL UNIVERSITY	NY	R01AI097307	Molecular mechanism regulating periplasmic proteolysis in bacterial pathogenesis	\$397,549

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI101296	MOUSE ALLERGEN INTERVENTION AND DNA METHYLATION OF ASTHMA REGULATORY GENES	\$266,792
2012	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in <i>Cryptococcus neoformans</i>	\$343,774
2012	SUNY, BUFFALO	NY	R01AI095632	Evaluation and development of E1-TopoI as a target for anti-HPV therapeutics	\$437,959
2012	COLUMBIA UNIVERSITY	NY	F31AI098411	Targeting of AID Mutagenic Activity	\$47,232
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI071185	COMPLEMENT & T CELL MEDICATED ALLOGRAFT REJECTION	\$339,000
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$415,317
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074420	MECHANISMS OF HIGHLY EFFICIENT HIV TRANSFER AT VIROLOGICAL SYNAPSES	\$406,085
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$461,495
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$415,317
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI007289	MOLECULAR AND STRUCTURAL BASIS FOR T CELL COSTIMULATION	\$742,526
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI045658	GENE EXPRESSION IN M. TUBERCULOSIS	\$388,376
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$194,270
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular & Molecular Defects in Human B Cell Development	\$1,925,282
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R15AI074035	CYTOSINE DNA METHYLATION AND TRANSCRIPTIONAL REPRESSION IN AFRICAN TRYPANOSOMES	\$387,768
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$471,458
2012	ROCKEFELLER UNIVERSITY	NY	R01AI035875	FCR DEFICIENT MICE SUSCEPTIBILITY TO PATHOGENS	\$419,513
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$540,546
2012	COLUMBIA UNIVERSITY	NY	R01AI050234	Role of pfert in chloroquine resistance in <i>P. falciparum</i>	\$400,000
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$422,500
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,757,042
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$265,188
2012	UNIVERSITY OF ROCHESTER	NY	R01AI073772	ASSEMBLY OF THE MYCOBACTERIAL CELL WALL	\$377,021
2012	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$3,764,673

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2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$160,814
2012	UNIVERSITY OF ROCHESTER	NY	R01AI073785	PATHOGENIC MECHANISMS OF NON-01/NON-0139 V. CHOLERAЕ	\$377,339
2012	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$339,605
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI078884	COMPLICATIONS OF CHRONIC VIRAL INFECTIONS	\$183,986
2012	SUNY, BINGHAMTON	NY	R01AI075257	ROLE OF BDLA IN BIOFILM DISPERSION AND VIRULENCE PROPERTIES OF P. AERUGINOSA	\$258,838
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$884,036
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,524,997
2012	UNIVERSITY OF ROCHESTER	NY	R01AI077401	TARGETING PI3K/AKT CELL SURVIVAL PATHWAY AS A NOVEL ANTI-HIV THERAPY	\$339,605
2012	ROCKEFELLER UNIVERSITY	NY	P01AI081677	NOVEL APPROACHES FOR VACCINE DESIGN	\$1,805,259
2012	CORNELL UNIVERSITY	NY	R01AI076588	TOLL-LIKE RECEPTOR 9: TRAFFICKING AND SIGNALING	\$339,605
2012	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$653,219
2012	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$344,149
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	Control of sphingosine-1-phosphate distribution.	\$442,807
2012	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$419,531
2012	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$2,452,497
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI085622	NOVEL ADJUVANT DISCOVERY IN VACCINE THERAPY	\$871,728
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	F32AI100473	POP2 REGULATION OF NF-KB -DEPENDENT INFLAMMATORY RESPONSES	\$49,214
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI093315	MICROSPORIDIA: GENETIC TECHNIQUES	\$207,500
2012	ROCKEFELLER UNIVERSITY	NY	R01AI089844	BIOGENESIS OF HIV 1 IN LIVING CELLS	\$418,275
2012	NEW YORK MEDICAL COLLEGE	NY	R21AI092220	MICRORNAs IN DENDRITIC CELL DIFFERENTIATION AND FUNCTION	\$201,250
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$132,543
2012	SUNY, STONY BROOK	NY	R21AI092191	ANDV INDUCED RESPONSES OF HYPOXIC ENDOTHELIAL CELLS	\$235,500
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$605,531
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI072204	CERVICAL, ANAL & ORAL HPV PERSISTENCE/ADOLESCENT GIRLS	\$834,536

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2012	UNIVERSITY OF ROCHESTER	NY	R01AI102730	Yeast Genetic Approach to Enhance the Immunogenicity of HIV Envelope Glycoprotein	\$386,250
2012	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$423,750
2012	CERAMIDE THERAPEUTICS LLC	NY	R43AI094860	SELECTION OF AN ANTI-CERAMIDE MITIGATOR OF ACUTE RADIATION TOXICITY OF THE GI TRA	\$292,977
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI094957	A Comparative Study of M. tuberculosis and M. bovis BCG of T cell responses	\$42,232
2012	COLUMBIA UNIVERSITY	NY	UM1AI069470	Columbia Partnership for Prevention and Control of HIV/AIDS Clinical Trials Unit	\$2,644,556
2012	COLUMBIA UNIVERSITY	NY	F31AI098409	Characterization of Antibody-Dependent Cellular Cytotoxicity in HIV Infection	\$26,232
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	UM1AI069532	New York University HIV/AIDS Clinical Trial Unit	\$1,460,503
2012	COLUMBIA UNIVERSITY	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	\$400,000
2012	BIOPEPTIDES INC	NY	R43AI102435	DEVELOPMENT OF A CYTOKINE RELEASE ASSAY AS A DIAGNOSTIC TEST FOR LYME DISEASE	\$300,000
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$130,113
2012	COLUMBIA UNIVERSITY	NY	R01AI102597	Antagonism of Innate Immunity By Picornaviruses	\$396,634
2012	CERAMIDE THERAPEUTICS LLC	NY	R43AI102449	NEUTRALIZATION OF CERAMIDE AS A NOVEL APPROACH TO SPECIFICALLY INHIBIT ACUTE GVHD	\$284,820
2012	BRONX-LEBANON HOSPITAL CENTER	NY	UM1AI069413	Bronx-Lebanon Hospital Clinical Trials Unit	\$685,005
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI101406	IL-22 in Thymic Regeneration	\$502,673
2012	UNIVERSITY OF ROCHESTER	NY	R21AI097876	ROLE OF CCR1 IN CYTOKINE STORM & IMMUNOPATHOLOGY AFTER INFLUENZA INFECTION	\$0
2012	CUNY, RESEARCH FOUNDATION	NY	R21AI101792	Interactions between Bacterial Tyrosine Kinases and Phosphatases	\$245,412
2012	SUNY, STONY BROOK	NY	R21AI097951	DENGUE INFECTED ENDOTHELIAL CELLS ENHANCE IMMUNE CELL ACTIVATION	\$196,250
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI098395	Molecular and Cellular Basis of Toxin Mediated Pathogenesis in Staphylococcus aur	\$49,214
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI094745	B cells and humoral immunity in tuberculosis	\$729,368
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI057653	Regulation of antibody production by innate signals	\$423,750
2012	ROCKEFELLER UNIVERSITY	NY	R56AI093704	ASSEMBLY AND FUNCTION OF THE BACTERIAL TYPE III SECRETION SYSTEM BASAL BODY	\$423,750
2012	CORNELL UNIVERSITY	NY	R56AI097555	EOSINOPHILS SUPPORT NEMATODE INFECTION	\$401,000
2012	SUNY, STONY BROOK	NY	R01AI075219	SYNTHETIC VIRAL GENOME DESIGN FOR RAPID VACCINE DEVELOPMENT	\$552,986

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2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$455,219
2012	SUNY, STONY BROOK	NY	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$160,925
2012	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$386,250
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$427,271
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI042370	HELPER T CELL REGULATION IN MURINE LEISHMANIASIS	\$392,040
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$464,567
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$646,225
2012	SUNY, STONY BROOK	NY	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$307,915
2012	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$280,710
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI097092	Toward a Universal Influenza Virus Vaccine	\$1,728,808
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$2,695,644
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$452,800
2012	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$418,275
2012	UNIVERSITY OF ROCHESTER	NY	R01AI101049	Mechanisms of placental infection by food-borne pathogens	\$458,845
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073899	THE REGULATORY CONTROL MECHANISMS OF CROSS-PRESENTATION BY TOLL-LIKE RECEPTORS	\$415,317
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$2,320,181
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$395,000
2012	CORNELL UNIVERSITY	NY	R01AI073955	Eosinophils and Allergic Airway Responses	\$372,420
2012	SUNY, BUFFALO	NY	R01AI077520	CIS- AND TRANS-ACTING FACTORS IN MITOCHONDRIAL RNA DECAY	\$380,376
2012	NEW YORK UNIVERSITY	NY	R01AI078783	HIV-1 Replication Without Integration	\$370,389
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083509	FAIM in Immunity and Autoimmunity	\$410,850
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$464,567
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080619	CD4 T CELL RESPONSES TO M. TUBERCULOSIS INFECTION	\$465,302
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI089246	Genomic Determinants of Intrinsic Antiviral Host Defenses	\$426,245
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$410,850

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2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$418,275
2012	PROGENICS PHARMACEUTICALS, INC	NY	R01AI094424	PA-50/PA-41 ANTITOXIN ANTIBODY THERAPY FOR C. DIFFICILE INFECTION	\$1,128,535
2012	CUNY, RESEARCH FOUNDATION	NY	R21AI094545	Synthetic Methodology to Access Novel Antivirals	\$190,190
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI092316	DLAT AS A TRANSCRIPTIONAL REGULATOR IN NON-REPLICATING MYCOBACTERIUM TUBERCULOSIS	\$213,571
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R33AI080536	RADIATION COMBINED INJURY: MECHANISMS AND THERAPEUTIC APPROACHES	\$394,997
2012	CORNELL UNIVERSITY	NY	R03AI097671	TOLL-LIKE RECEPTOR 9 PROTEOLYTIC PROCESSING AND SIGNALING	\$77,000
2012	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular Quiescence and Stabilization in Immunity	\$434,363
2012	KADMON CORPORATION LLC	NY	R43AI098206	TREATMENT OF CYTOMEGALOVIRUS BY INHIBITION OF HOST LIPID SYNTHESIS	\$184,624
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094166	Recruitment of CX3CR1-GFP+ monocytes during Schistosoma mansoni infection	\$211,250
2012	THERAPYX INC	NY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2012	UNIVERSITY OF ROCHESTER	NY	F32AI089079	DEFINING MODES OF HELPER T CELL MOTILITY WITHIN INFLAMED TISSUES	\$52,190
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R13AI098295	INTERNATIONAL WORKSHOP ON OPPORTUNISTIC PROTISTS (IWOP-12, 13 AND 14)	\$5,604
2012	SUNY, BUFFALO	NY	F32AI092902	Fundamental Aspects of Kinetoplastid Mitochondrial RNA Stability	\$53,942
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI083743	Contribution of Novel Frimbriae to Proteus Mirabilis Virulence	\$108,000
2012	ROCKEFELLER UNIVERSITY	NY	R21AI098109	INTERACTIONS OF HELICOBACTER PYLORI CAGA WITH HOST FACTORS	\$211,875
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI081132	STUDY OF A NOVEL PICORNAVIRUS GENUS ASSOCIATED WITH ACUTE FLACCID PARALYSIS	\$190,812
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI101436	Mechanism of receptor-mediated entry and infection by filoviruses	\$852,905
2012	COLUMBIA UNIVERSITY	NY	R01AI100059	LINK4HEALTH: A Combination Strategy for Linkage and Retention, Swaziland	\$962,976
2012	UNIVERSITY OF ROCHESTER	NY	R01AI101732	Identification of Biomarkers for Late Radiation Lung Damage	\$386,250
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI096554	STRUCTURAL ANALYSIS OF THE GPI TRANSAMIDASE COMPLEX	\$211,250
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R03AI094245	CHARACTERIZATION OF A NOVEL ETEC VIRULENCE REGULATOR	\$72,123
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$422,500

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2012	UNIVERSITY OF ROCHESTER	NY	R01AI098450	Large scale synthetic genetic analysis in Candida albicans	\$400,848
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI031971	MOLECULAR BASIS FOR PARAMYXOVIRUS ENTRY	\$522,853
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Mechanistic Analysis of T Cell Polarity by Photoactivation of Single Cells	\$434,532
2012	SUNY, STONY BROOK	NY	R56AI060866	gC1q-R/P33: Structure-function and role in inflammation	\$377,233
2012	UNIVERSITY OF ROCHESTER	NY	R01AI098112	Modeling Immune Desensitization in Renal Transplantation	\$383,444
2012	ROCKEFELLER UNIVERSITY	NY	R01AI075099	ROLE OF HCV P7 AND NS2 IN INFECTIOUS VIRUS PRODUCTION	\$414,092
2012	UNIVERSITY OF ROCHESTER	NY	R01AI059111	VIRULENCE DETERMINANTS IN STAPHYLOCOCCUS BACTEREMIA	\$669,102
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$306,956
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007506	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	\$319,402
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$466,153
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$412,222
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$400,000
2012	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$434,363
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$442,188
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$507,880
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$363,148
2012	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$387,827
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$406,742
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$322,240
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$418,275
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI098479	Biomarker for XDR-TB Treatment Response and Drug Resistance in HIV Endemic Area	\$132,543
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$562,101
2012	UNIVERSITY OF ROCHESTER	NY	U19AI056390	AUTOIMMUNITY CENTER OF EXCELLENCE - ROCHESTER	\$655,483

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2012	ROCKEFELLER UNIVERSITY	NY	K08AI075031	THE PATHOGENESIS OF AUTOIMMUNITY IN HEPATITIS C VIRUS INFECTION	\$140,400
2012	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$348,710
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI076408	MECHANISMS INVOLVED IN, AND DEVELOPMENT OF, FCR-ENHANCED MUCOSAL VACCINATION	\$384,689
2012	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$907,071
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$368,474
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$286,787
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080755	MECHANISM AND REGULATION OF V(D)J REPAIR	\$324,599
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$414,092
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI081725	PH HOMEOSTASIS IN MYCOBACTERIUM TUBERCULOSIS	\$600,280
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080624	MODULATION OF THE HOST RESPONSE TO INFLUENZA VIRUS INFECTION: THE IKKE KINASE	\$407,661
2012	SUNY, BINGHAMTON	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$258,838
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	K08AI085031	Rabies virus maintenance in bat populations	\$105,782
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$390,386
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$722,349
2012	POPULATION COUNCIL, INC	NY	R01AI084133	HIV-ENVELOPE-SPECIFIC DARPIN-BASED MICROBICIDE STRATEGIES	\$694,352
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$560,718
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI070880	Regulation of V(D)J recombination by Rag2 C terminus	\$335,610
2012	COLUMBIA UNIVERSITY	NY	R01AI088377	Spatial coordination of CD28 and TCR signaling	\$325,065
2012	CORNELL UNIVERSITY	NY	R01AI085286	Genetic and Evolutionary Basis of Fungal Drug Resistance	\$331,801
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$601,453
2012	ROCKEFELLER UNIVERSITY	NY	R01AI085973	Parameters that govern initiation of VSG switching in T.brucei	\$418,275
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$133,638
2012	NEW YORK UNIVERSITY	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,720,402

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI092010	MECHANISMS OF ANTHRAX VIRULENCE FACTOR ATXA.	\$211,250
2012	ROCKEFELLER UNIVERSITY	NY	R21AI096069	THE DEVELOPMENT OF TOOLS FOR PROTEOMIC ANALYSIS IN TRYPANOSOMES	\$211,875
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$129,465
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$350,152
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI092448	DEFINING THE CORRELATES OF BACTERICIDAL IMMUNITY IN TUBERCULOSIS	\$208,125
2012	COLUMBIA UNIVERSITY	NY	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$751,596
2012	BIOPEPTIDES INC	NY	R43AI096551	LAB ON A CHIP POINT OF CARE ASSAY FOR THE RAPID SERODIAGNOSIS OF LYME DISEASE	\$300,000
2012	UNIVERSITY OF ROCHESTER	NY	UM1AI069511	University of Rochester HIV/AIDS Clinical Trials Unit	\$2,232,300
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	\$415,275
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R03AI097688	RICIN TOXIN: NEUTRALIZING ANTIBODIES AND VACCINE DESIGN	\$67,754
2012	ROCKEFELLER UNIVERSITY	NY	R21AI099128	A NEW ANTI-CD27 MONOCLONAL ANTIBODY ADJUVANT FOR PANCREATIC CANCER VACCINES	\$211,875
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI095787	HUMAN B1 LYMPHOPOIESIS	\$208,750
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI099567	Enhancing RNAi delivery in vivo	\$416,667
2012	UNIVERSITY OF ROCHESTER	NY	R21AI094511	THE SEMEN ENHANCER OF HIV INFECTION AS A NOVEL MICROBICIDE TARGET	\$229,574
2012	ROCKEFELLER UNIVERSITY	NY	F32AI096890	Chemical Probes for Type III Protein Secretion in Bacterial Pathogens	\$47,114
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI095810	Proteomics of RNA polymerase interactomes in pathogenic bacteria	\$211,250
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI096977	Induction of HIV Neutralizing Antibodies by Targeting Macaque B Cell Receptors	\$322,768
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100724	A preclinical assessment of monthly intramuscular GSK1265744, an InSTI, as PrEP	\$497,342
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI101333	DESIGN OF CNS-TARGETED PEPTIDE ENTRY INHIBITORS FOR EMERGING HENIPAVIRUSES	\$193,625
2012	COLUMBIA UNIVERSITY	NY	R01AI100119	Development of lung T cell responses in infant respiratory immunity	\$471,432
2012	POPULATION COUNCIL, INC	NY	R21AI098645	A NOVEL VAGINAL RING TO PREVENT HIV AND HSV-2 INFECTION, AS WELL AS PREGNANCY	\$230,503
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI100292	ACTIVE AND ARRESTED PARAMYXOVIRUS FUSION MACHINERY VISUALIZED BY CRYO-ELECTRON TO	\$213,779

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2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI102740	Contributions of anti-V2 antibodies in protection against HIV	\$527,939
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI070258	CD1d/NKT-binding glycolipids in enhancing the immunogenicity of a malaria vaccine	\$441,875
2012	CORNELL UNIVERSITY	NY	R21AI101614	MICROBIOMES AND INFLAMMATION IN CHRONIC FATIGUE SYNDROME	\$227,220
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI100901	Progranulin Intervention in Inflammatory Bowel Diseases	\$423,750
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI094223	DEVELOPMENT OF ANTIVIRALS FOR NEWLY EMERGING PATHOGENS EBOLA AND MARBURG.	\$218,900
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$406,742
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$623,923
2012	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$386,510
2012	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$35,413
2012	COLD SPRING HARBOR LABORATORY	NY	R13AI078720	2008 CSHL GENE EXPRESSION AND SIGNALING IN THE IMMUNE SYSTEM CONFERENCE	\$10,000
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI075141	AN ALTERNATE PATHWAY TO AUTOIMMUNITY	\$369,765
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064654	ROLE OF ANTHRAX TOXIN RECEPTORS IN ANGIOGENESIS AND ENDOTHELIUM	\$394,490
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI076635	GENETIC DIVERSITY IN VIRULENCE GENES OF PLASMODIUM FALCIPARUM	\$130,950
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI049512	PURINE PATHWAYS AND INHIBITOR DESIGN IN PLASMODIUM	\$484,071
2012	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$371,365
2012	TRUDEAU INSTITUTE	NY	R01AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$469,961
2012	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$434,363
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$374,813
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$1,669,445
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$322,592
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080455	STRATEGIES TO ENHANCE LYMPHOID RECOVERY AFTER RADIATION-INDUCED INJURY	\$465,302
2012	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$115,539

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2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$415,317
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI079260	STRUCTURAL AND FUNCTIONAL STUDIES OF THE IKAPPAB KINASE (IKK) COMPLEX	\$35,488
2012	UNIVERSITY OF ROCHESTER	NY	R01AI077674	B-CELL TOLERANCE MECHANISMS IN HUMAN SLE	\$377,339
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$190,593
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI082536	RISK FACTORS FOR SPREAD OF STAPHYLOCOCCUS AUREUS IN PRISONS.	\$770,203
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI084903	Pig to human thymic xenotransplantation	\$489,776
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI085958	EVALUATING SELF-PROTECTION OF TH17 CELLS AGAINST HIV-1 BY CCR5 LIGANDS SYNTHESIS	\$47,232
2012	SUNY, BUFFALO	NY	R01AI085127	Identification of Specific Roles for Ets-1 in B Cell Tolerance	\$450,479
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083901	Regulation of the anti-phospholipid response in SLE	\$420,800
2012	UNIVERSITY OF ROCHESTER	NY	R01AI091422	DISCOVERY AND EVALUATION OF FUNGICIDAL ANTI-CRYPTOCOCCAL MOLECULES	\$382,731
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078251	NOVEL ANTIMICROBIALS TARGETING CELL DIVISION	\$376,023
2012	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$137,160
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$418,275
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$359,842
2012	ROCKEFELLER UNIVERSITY	NY	R01AI089970	A genetic dissection of Mendelian susceptibility to mycobacterial diseases (MSMD)	\$501,584
2012	CORNELL UNIVERSITY	NY	R01AI092571	Structural controls of functional receptor and antibody binding to viral capsids	\$386,210
2012	SIGA TECHNOLOGIES, INC	NY	R01AI093387	Antiviral Drugs for Arenaviruses	\$1,435,943
2012	NEW YORK UNIVERSITY	NY	K22AI083745	STRUCTURAL TOPOLOGY OF A SMALL MULTIDRUG RESISTANT EFFLUX PUMP	\$108,000
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI083880	Novel Risk Factors For Vancomycin Resistant Enterococci In Persons With Cancer	\$130,437
2012	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$473,663
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI093255	GENERATION AND IN VITRO/VIVO EVALUATION OF AN R5-TROPIC SHIV LIBRARY	\$227,500
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$607,211

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2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAdete	\$422,500
2012	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI079884	RAPID DPP TEST FOR TUBERCULOSIS	\$954,948
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094658	Rapid Diagnosis of Early TB in HIV+ Patients	\$248,831
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning	\$1,238,429
2012	ROCKEFELLER UNIVERSITY	NY	R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$423,750
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI095835	SELECTIVE DELIVERY OF A NOVEL BACTERIAL ADJUVANT FOR MULTIPURPOSE VACCINATION	\$249,875
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$422,500
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K22AI087816	MECHANISMS OF CCR2-MEDIATED NEUROPROTECTION IN WEST NILE VIRUS INFECTION	\$108,000
2012	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$422,500
2012	UNIVERSITY OF ROCHESTER	NY	R21AI094218	CHARACTERIZATION OF A NOVEL DIAGNOSTIC TEST FOR PNEUMOCOCCAL INFECTION	\$0
2012	UNIVERSITY OF ROCHESTER	NY	R01AI081779	Paramyxovirus Assembly	\$386,250
2012	SUNY, STONY BROOK	NY	R01AI093792	Therapeutic Interventions Against ANDV Induced Pathogenesis	\$449,917
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI100720	Mechanism and role of nuclear entry in HIV-1 replication	\$445,375
2012	SUNY, STONY BROOK	NY	R21AI102577	ROLE OF ADENOVIRUS CORE PROTEINS IN INNATE SIGNALING AND VIRAL GENOME PACKAGING	\$196,250
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI095245	Control of protective immunity by innate pathways sensing bacterial viability	\$423,750
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI085563	Protein Biomarkers for Invasive Aspergillosis Diagnostics	\$491,290
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI095706	Innate immune defense against clostridium Difficile Infection	\$375,164
2012	SUNY, STONY BROOK	NY	R21AI097875	FUNCTION OF GAMMAHERPESVIRUS ORF75 TEGUMENT PROTEINS	\$193,863
2012	ROCKEFELLER UNIVERSITY	NY	R01AI099284	Hepatitis C antivirals: Mechanism of action, combination efficacy and resistance	\$735,361
2012	SUNY, BUFFALO	NY	R21AI088318	IDENTIFICATION OF GENES ESSENTIAL FOR SURVIVAL OF HYPERVIRULENT KLEB. PNEUMONIAE	\$198,125
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI097673	Characterization of the MHC Class II Peptide Loading Complex	\$237,000
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$393,538

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2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$232,284
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI073190	MONITORING RESPONSE TO ARV THERAPY AND DEVELOPMENT OF HIV-1 DRUG RESISTANCE	\$131,490
2012	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$307,751
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$312,025
2012	TRUDEAU INSTITUTE	NY	R01AI076499	REGULATION OF MEMORY CD8+ T CELL RECRUITMENT TO THE LUNG	\$460,647
2012	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$307,751
2012	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Womens Interagency HIV Study (WIHS) V	\$3,090,109
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$528,992
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$2,144,292
2012	ROCKEFELLER UNIVERSITY	NY	R01AI037526	Class Switch Recombination in B Lymphocytes	\$419,513
2012	UNIVERSITY OF ROCHESTER	NY	R24AI054953	HUMAN IMMUNOLOGY CENTER AT THE UNIVERSITY OF ROCHESTER	\$863,413
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$574,679
2012	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$175,673
2012	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$402,500
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$374,468
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$457,250
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$422,500
2012	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$136,138
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$467,753
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$415,317
2012	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,114,594
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$398,016
2012	TRUDEAU INSTITUTE	NY	R01AI076479	THE INTERDEPENDENCE BETWEEN T AND B CELLS IN TH2 CELL DIFFERENTIATION	\$414,583
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$193,381

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2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI080754	THE PLASMODIUM 2TM AND PHIST PROTEIN FAMILIES	\$418,275
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$414,092
2012	BETH ISRAEL MEDICAL CENTER	NY	R01AI083035	MULTIPLE HIV PREVENTION PACKAGES FOR IDUS IN ESTONIA	\$1
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077690	MODELING OF S. AUREUS TRANSMISSION IN NORTHERN MANHATTAN.	\$668,849
2012	SUNY, STONY BROOK	NY	R01AI015122	PICORNAVIRUS MOLECULAR BIOLOGY	\$380,843
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$410,850
2012	ROCKEFELLER UNIVERSITY	NY	U01AI088685	Genetic predisposition to tuberculosis in Morocco	\$663,773
2012	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$344,149
2012	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$451,019
2012	UNIVERSITY OF ROCHESTER	NY	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$120,152
2012	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	\$148,699
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI085584	EXPLOITING FATTY ACID METABOLISM TO CURE MALARIA	\$394,490
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$647,571
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$661,641
2012	SUNY, BUFFALO	NY	R21AI092348	IMAGING ANTIGEN AND ADJUVANT UPTAKE FOR ENHANCING RESPONSE TO MUCOSAL VACCINES	\$197,007
2012	SUNY, STONY BROOK	NY	R01AI080892	Regulation of TCR Signaling by Sts-1 and Sts-2	\$384,128
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI090249	Targeting Viral Envelope Glycoproteins with Synthetic Antibodies	\$410,850
2012	COLUMBIA UNIVERSITY	NY	R21AI096088	PROBING THE INNATE RESPONSE TO 3', 5'-CYCLIC DIGUANYLATE (C-DIGMP)	\$200,000
2012	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$1,260,044
2012	UNIVERSITY OF ROCHESTER	NY	K23AI077759	Post-Vacc. HPV Genotype Distr. Among HIV+ and HIV - Young Women in S. Africa	\$125,390
2012	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$890,573
2012	CUNY, RESEARCH FOUNDATION	NY	SC2AI094306	FACTORS THAT INFLUENCE SUSCEPTIBILITY TO ACUTE STREPTOCOCCAL PHARYNGITIS	\$112,860
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$2,991,658
2012	NEOSTEM INC	NY	R43AI098325	Development of Human, Autologous, Pluripotent Very Small Embryonic Like (VSELs) s	\$295,252

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2012	COLUMBIA UNIVERSITY	NY	R01AI099195	Role of ncRNA Surveillance Complex "RNA Exosome" in Class Switch Recombination an	\$396,634
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI088106	Role of the thymic epithelium on the outcome of allogeneic transplantation	\$421,901
2012	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R33AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$398,218
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$1,093,067
2012	THERASOURCE LLC	NY	R43AI096777	Human Ghrelin As An Effective Mitigator of Acute Radiation Injury	\$297,826
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI079763	NOVEL MUCOSAL MODELS PREDICTIVE OF MICROBICIDE SAFETY	\$470,988
2012	SUNY, STONY BROOK	NY	R01AI099222	Regulation of host innate and adaptive immunity by bacterial type III effectors	\$390,113
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R03AI097040	ATTENUATED HIV/TB VACCINE FOR INDIA	\$83,500
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI095808	Structural Studies of the Pseudokinase Domain of Jak2	\$246,350
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$380,250
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI099327	DNA repair and recombination within the var gene family of P. falciparum	\$329,720
2012	THYMUS INC	NY	R13AI100436	THYMUS 2012 INTERNATIONAL CONFERENCE	\$3,000
2012	UNIVERSITY OF ROCHESTER	NY	R01AI100127	Pulmonary Immunity To Pathogens In Neonates	\$0
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$465,000
2012	UNIVERSITY OF ROCHESTER	NY	R21AI099712	UNCOVERING POXVIRUS PROTEINS INVOLVED IN REGULATING THE IMV TO EV TRANSITION	\$191,875
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI100853	Training Program in Immunology and Inflammation	\$196,264
2012	SUNY, BUFFALO	NY	R21AI101426	ANALYSIS OF NOVEL ACINETOBACTER BAUMANNII ADHESINS	\$237,750
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI102169	HOST-TARGETED ANTIVIRALS FOR INFLUENZA AND OTHER RESPIRATORY VIRUS INFECTIONS	\$211,875
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI097096	B cell subsets and immunity to cryptococcosis	\$534,858
2012	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$161,114
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI099111	Role of ATM and RAG in maintaining genome stability during Tcr/d rearrangement.	\$422,499
2012	SUNY, STONY BROOK	NY	R56AI068463	CELLULAR PROTEIN INVOLVED IN TRAFFICKING OF HIV-1	\$390,113
2012	TRUDEAU INSTITUTE	NY	R01AI073564	T CELL RESPONSES TO CHRONIC BACTERIAL INFECTION	\$452,178
2012	POPULATION COUNCIL, INC	NY	R01AI098546	Role of integrins in HIV/SIV transmission across cervico-vaginal mucosa	\$879,267

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$1,577,203
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$379,611
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$474,519
2012	TRUDEAU INSTITUTE	NY	R01AI069121	T CELL MEMORY TO TB IN THE LUNG	\$460,647
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$392,040
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$111,427
2012	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$569,437
2012	CORNELL UNIVERSITY	NY	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$362,582
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$726,937
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$919,954
2012	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$698,921
2012	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$391,067
2012	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$387,505
2012	COLUMBIA UNIVERSITY	NY	K08AI101005	Role of Staphylococcus aureus SpA in Microbial Competition and Host Colonization	\$134,973
2012	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$402,135
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$9,384,103
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$452,794
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$202,626
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$332,254
2012	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$470,577
2012	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$447,472
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,221,830
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084119	Structure-Based Characterization of gp120 Non-V3 Variable Loop Epitopes	\$759,805
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$147,450

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2012	SUNY, BUFFALO	NY	K08AI083078	ANTIBODIES RECOGNIZING QUATERNARY DIFFERENCES IN HIV ENVELOPE GLYCOPROTEINS (K08)	\$127,764
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083408	QUANTITATIVE MODELING OF THE PHENOTYPIC VARIABILITY OF INDIVIDUAL T CELLS AND THE	\$488,944
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$135,135
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$131,900
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI083883	IMMUNOLOGICAL RESPONSE TO CHINESE HERBAL MEDICINE IN FOOD ALLERGY	\$129,465
2012	New York Blood Center, Inc.	NY	R01AI081604	RATIONAL DESIGN OF ANTIVIRALS TARGETED TO HIV-1 CAPSID	\$695,365
2012	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$404,902
2012	RHEONIX INC	NY	U01AI082448	POINT OF CARE CARD DEVICE FOR RAPID MOLECULAR DIAGNOSTICS	\$388,898
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$418,275
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$747,740
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI089940	TRANSMISSION OF OSELTAMIVIR-RESISTANT INFLUENZA A H1N1 VIRUSES IN GUINEA PIGS	\$129,465
2012	INNOVIMMUNE BIOTHERAPEUTICS INC	NY	R43AI096570	SAFE AND EFFICACIOUS ORAL MIF INHIBITORS FOR RHEUMATOID ARTHRITIS TREATMENT	\$300,000
2012	SUNY, STONY BROOK	NY	R03AI094054	STAT3 STRUCTURAL DETERMINANTS	\$78,500
2012	ROCKEFELLER UNIVERSITY	NY	R01AI090055	Simianizing hepatitis C: Defining the species-tropism of a hepatotropic virus	\$409,772
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	\$408,726
2012	ROCKEFELLER UNIVERSITY	NY	R21AI093216	NEW HIV/AIDS VACCINES EMPLOYING INFLAMMATORY DENDRITIC CELLS	\$226,016
2012	SUNY, STONY BROOK	NY	R21AI092455	STEROID HORMONE BIOSYNTHESIS BY M.TB	\$192,669
2012	NEW YORK UNIVERSITY	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$685,997
2012	OYAGEN INC	NY	R21AI095007	DEVELOPMENT OF A NOVEL HIV/AIDS THERAPEUTIC ACTIVATING THE APOBEC3G HOST DEFENSE	\$210,000
2012	COLUMBIA UNIVERSITY	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$663,132
2012	New York Blood Center, Inc.	NY	R03AI088449	RATIONAL DESIGN OF M2E-FP CONSERVED EPITOPE-BASED UNIVERSAL INFLUENZA A VACCINES	\$81,000

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2012	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$422,500
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093571	The Biology of Influenza A Virus-Generated Small RNAs	\$420,547
2012	SUNY, BUFFALO	NY	R21AI097879	MEMBRANE BIOPHYSICS OF ENTEROTOXIN MEDIATED IMMUNOMODULATION	\$228,917
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R03AI099555	"MECHANISM OF EXTRACELLULAR VESICLE BUDDING IN C. ELEGANS EMBRYOS".	\$84,500
2012	ROCKEFELLER UNIVERSITY	NY	R03AI097089	GENOME WIDE SIRNA SCREEN FOR IDENTIFYING HOST FACTORS REQUIRED FOR ZAP FUNCTION	\$84,750
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	UM1AI069419	Weill Cornell Medical College-New Jersey Medical School Clinical Trials Unit	\$1,462,527
2012	LONG ISLAND UNIVERSITY BROOKLYN CENTER	NY	K22AI087817	IMPACT OF MATERNAL METHAMPHETAMINE ABUSE ON NEONATAL IMMUNITY	\$107,628
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI097302	CRAC Channel Deficiency in Immunity to Infection	\$486,036
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI099970	Implementation science to optimize HIV prevention in East Africa PEPFAR programs.	\$889,221
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100874	The natural killer cell response against mouse cytomegalovirus infection	\$456,716
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI100151	Epitope-targeted Vaccines for HIV-1 Prevention	\$2,386,714
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI093231	Evaluating Innate Immune Responses in Dendritic Cells During HIV Infection	\$52,190
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI100288	Mucosal Immunity and Microbiota in Intestinal Graft-versus-Host Disease	\$411,525
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$526,128
2012	COLD SPRING HARBOR LABORATORY	NY	R56AI072345	INTRA-MOLECULAR INTERACTIONS CONTROL PAPILOMAVIRUS E1 FUNCTION.	\$470,000
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI101308	A high-throughput screen for antivirals targeting filovirus replication	\$423,750
2012	CORNELL UNIVERSITY	NY	R01AI052151	REGULATORY NETWORKS CONTRIBUTING TO L. MONOCYTOGENES TRANSMISSION AND VIRULENCE	\$339,605
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$65,601
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI053417	CYCLOPROPANE SYNTHETASES AND M.TUBERCULOSIS PATHOGENESIS	\$465,302
2012	ROCKEFELLER UNIVERSITY	NY	R01AI060561	Immune complexes: Origins and effects in HCV infection	\$423,750
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI043578	GRAFT REJECTION AND DIRECT VERSUS INDIRECT RECOGNITION	\$413,064
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$414,092
2012	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$436,534

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2012	CORNELL UNIVERSITY	NY	R01AI022449	Antigen Binding, Crosslinking and Transmembrane Signaling	\$386,481
2012	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$440,578
2012	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$436,294
2012	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,648,236
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$391,864
2012	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$179,411
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$477,940
2012	UNIVERSITY OF ROCHESTER	NY	R01AI080770	PHOTONIC STRUCTURES FOR DIRECT ULTRASENSITIVE VIRUS DETECTION	\$340,708
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081615	REVEALING THE HIV-1 INTERACTOME	\$447,171
2012	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$464,567
2012	UNIVERSITY OF ROCHESTER	NY	U19AI091036	Universiity of Rochester Center for Medical Countermeasures against Radiation	\$3,089,913
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$55,769
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$42,232
2012	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$476,581
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI084765	R5 SHIV/MACAQUE MODELS FOR THE EVALUATION OF T AND B CELL-BASED HIV-1 VACCINES	\$1,104,451
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI083219	Immunochemotherapy in Visceral Leishmaniasis	\$482,909
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI093539	DISSECTING HSV-2 IMMUNITY USING CELL-TARGETED SIRNAS	\$207,500
2012	ROCKEFELLER UNIVERSITY	NY	F32AI091207	CHARACTERIZATION AND CONSEQUENCES OF HCV INTERACTION WITH HOST LIPOPROTEINS	\$52,190
2012	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$402,500
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI091867	TRANSPLANT ASSOCIATED AUTOIMMUNITY CONTRIBUTES TO ALLOGRAFT DAMAGE	\$129,465
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$415,000
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI084952	ORAL VACCINE PLATFORM FOR YERSINIA PESTIS	\$403,920

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2012	AVATAR MEDICAL LLC	NY	R43AI091507	CONFORMATIONAL STABILIZATION OF THE HIV -1 ENV TRIMER	\$293,607
2012	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI083440	Rho GTPase-mediated pathways in autoimmune arthritis	\$438,750
2012	UNIVERSITY OF ROCHESTER	NY	R01AI097142	Phosphoinositide-dependent kinase-1 as an antifungal drug target	\$386,250
2012	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	\$521,128
2012	UNIVERSITY OF ROCHESTER	NY	R21AI095805	TRANSLATIONAL CONTROL OF GATA-3	\$193,125
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093577	Role of T cells in gastrointestinal manifestations of food allergy	\$420,419
2012	THERASOURCE LLC	NY	R44AI078537	ANTAGONISM OF ALPHA2A-ADRENOCEPTOR: A NOVEL ANTI-SEPSIS THERAPY	\$384,679
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI096943	GENOME STABILITY FUNCTION OF APOBEC3 RETROVIRAL RESTRICTION FACTORS	\$211,875
2012	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R03AI092474	REAGENTS FOR THE ANALYSES OF CMI IN THE FERRET INFLUENZA MODEL.	\$79,000
2012	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI098627	Global Health Research and Training in HIV and Tuberculosis	\$175,433
2012	CORNELL UNIVERSITY	NY	R01AI095519	DEVELOPMENT OF A CELL-BASED HTS FOR INHIBITORS OF INFLAMMATORY MACROPHAGES	\$380,176
2012	JUNCO LABS LLC	NY	R43AI098687	POINT-OF-CARE DETECTION FOR NANOPARTICLE-BASED SENSORS	\$106,732
2012	COLUMBIA UNIVERSITY	NY	R21AI098654	DNase For Prevention Of Reproductive Tract Infections In Pregnancy	\$253,209
2012	CODAGENIX INC	NY	R41AI100428	RATIONAL DESIGN OF LIVE ATTENUATED INFLUENZA A VACCINE CANDIDATES	\$300,000
2012	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI097694	BLK AS A MASTER REGULATOR OF MARGINAL ZONE B CELL DEVELOPMENT AND ACTIVATION	\$199,375
2012	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI095256	Combination Clostridium Difficile Toxin and Adhesin Vaccine	\$227,044
2012	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI099517	HUMAN B1 CELL IMMUNOGLOBULIN	\$209,323
2012	COLD SPRING HARBOR LABORATORY	NY	R13AI100330	2012 CSHL Retroviruses Conference	\$36,645
2012	SUNY, BUFFALO	NY	R21AI102212	ENHANCING HOST INTESTINAL DEFENSES AGAINST ENTEROPATHOGENIC AND SHIGA TOXIGENIC E	\$191,931
2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI102240	DISCOVERY AND EVALUATION OF ANTI-FILOVIRUS THERAPEUTICS TARGETING NPC1	\$224,370
2012	UNIVERSITY OF ROCHESTER	NY	R03AI099681	SINGLE-CYCLE INFECTIOUS CANDID#1 TO STUDY HEMORRHAGIC FEVER NEW WORLD ARENAVIRUS	\$76,750

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2012	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI098925	Vaccines for Extensively Drug Resistant Tuberculosis	\$1,427,671
2012	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI097568	P38 MAP KINASE INHIBITORS AS THERAPEUTICS TARGETING EBOLAVIRUS ENTRY	\$266,117
2012	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI097191	A Community Mycobacterial Systems Resource	\$565,167
2012	LITRON LABORATORIES, LTD	NY	R43AI098276	RAPID ASSESSMENT OF RADIATION EXPOSURE	\$258,248
2012	CORNELL UNIVERSITY	NY	R56AI090076	REGULATION OF REOVIRUS INDUCED APOPTOSIS	\$408,145
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$378,564
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI024717	Genetic Linkage in Lupus	\$424,566
2012	UNIVERSITY OF CINCINNATI	OH	R01AI073337	IMMUNOPATHOGENESIS IN HISTOPLASMOSIS	\$382,239
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074932	HOMEOSTATIC REGULATION OF T LYMPHOCYTES	\$384,689
2012	UNIVERSITY OF CINCINNATI	OH	R01AI089450	Receptor Mimics for Rapid Detection, Typing, and Susceptibility Testing of Influe	\$380,417
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$310,860
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$650,352
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI091637	THE ROLE OF NEMO UBIQUITINATION IN EDA-ID	\$196,250
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI093848	Respiratory Syncytial Virus Targeting of the Human Airway Epithelium	\$362,000
2012	OHIO STATE UNIVERSITY	OH	R21AI102252	CELECOXIB DERIVATIVE: HOST CELL-DIRECTED INHIBITORS OF INTRACELLULAR PATHOGENS	\$187,774
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI099494	ROLE OF TLR2 ENGAGEMENT ON CD4+ T CELLS IN IMMUNITY TO M. TUBERCULOSIS	\$235,500
2012	OHIO STATE UNIVERSITY	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$404,892
2012	Research Institute at Nationwide's Children's Hospital	OH	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	\$130,923
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088372	Allergenicity resulting from functional mimicry of the TLR complex	\$376,324
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$374,888
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,621,955
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI085578	VIRAL PATHOGENESIS OF IDIOPATHIC BONE MARROW FAILURE AND IMMUNE CYTOPENIAS	\$384,689
2012	GUILD ASSOCIATES INC	OH	R21AI100164	BIOLUMINESCENT REPORTER PHAGE FOR THE DIAGNOSTIC DETECTION OF SHIGELLOSIS	\$290,396

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2012	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$653,356
2012	OHIO STATE UNIVERSITY	OH	R21AI102822	NOVEL HOST PROTEINS IN THE HIV-1 PREINTEGRATION COMPLEXES	\$190,625
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087903	Folate Metabolism in Mycobacterium tuberculosis Revisited: A Potential Drug Target	\$388,575
2012	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI081558	IMMUNE RESPONSE TO PNEUMOCOCCAL VACCINATION IN HIV INFECTED ADULTS	\$370,755
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI096882	Persistent hepatitis C virus replication and T cell immunity in pregnancy	\$242,356
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI093922	WHOLE GENOME SEQUENCING OF MALAGASY DUFFY-INDEPENDENT P. VIVAX	\$157,000
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI093569	mRNA synthesis and capping in nonsegmented negative strand RNA viruses	\$353,250
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100673	Restriction of HIV infection by SAMHD1 protein	\$513,198
2012	OHIO STATE UNIVERSITY	OH	R01AI099077	Keys to prevent cholesterol robbery and infection by intracellular bacteria	\$381,250
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R56AI047249	IMMUNE REGULATION OF VIRAL RECRUDESCENCE	\$392,500
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	BEHAVIORAL AND VIROLOGIC IMPACT OF HPV IMMUNIZATION	\$501,511
2012	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$317,553
2012	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$344,016
2012	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$365,000
2012	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI052067	RESEARCH TRAINING IN PEDIATRIC INFECTIOUS DISEASES	\$100,103
2012	OHIO STATE UNIVERSITY	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$367,538
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$375,343
2012	OHIO STATE UNIVERSITY	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRLICHIOSIS	\$367,538
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$369,946
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI080596	MOLECULAR MECHANISMS OF C.ALBICANS - LEUKOCYTE INTEGRIN INTERACTIONS	\$346,221
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI076398	THE AFFECT OF HORMONES AND OXYGEN-LIMITATION ON GONOCOCCAL PATHOPHYSIOLOGY	\$311,731
2012	UNIVERSITY OF CINCINNATI	OH	R21AI096958	OCCULT HEPATITIS B INFECTION IN SOUTH AFRICAN HIV PATIENTS	\$190,194
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI100809	ROLE OF IL28B AND HIV IN NK CONTROL OF HCV	\$235,500
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI095684	Mechanism of Respiratory Syncytial Virus Fusion	\$120,666

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2012	UNIVERSITY OF CINCINNATI	OH	R21AI103816	HUMAN IGG-MEDIATED ANAPHYLAXIS	\$207,755
2012	OHIO STATE UNIVERSITY	OH	R21AI101529	ANTILEISHMANIAL LEAD OPTIMIZATION OF QUINAZOLINES	\$245,885
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$151,711
2012	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$705,964
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$311,850
2012	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$115,450
2012	OHIO STATE UNIVERSITY	OH	R01AI083335	VIRULENCE FACTOR DISCOVERY IN THE SECRETED PROTEOME OF HISTOPLASMA CAPSULATUM	\$308,732
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$340,808
2012	UNIVERSITY OF CINCINNATI	OH	R01AI083313	Chemokine-Cytokine Nexus in Fungal Immunity	\$388,575
2012	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$14,700
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088116	EXPLAINING RACIAL DISPARITIES IN CHILD ASTHMA MORBIDITY	\$718,408
2012	OHIO STATE UNIVERSITY	OH	R21AI095987	Vitamin D and the prevalence, incidence, and persistence of bacterial vaginosis	\$151,250
2012	OHIO STATE UNIVERSITY	OH	R01AI090644	A METHOD TO STOP HIV REPLICATION:INHIBITION OF HUMAN PURINE UTILIZING PROTEINS	\$445,312
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI093673	Role of Spi-C in eosinophil development and functional responses	\$91,932
2012	OHIO STATE UNIVERSITY	OH	R21AI097044	INHIBITORS TARGETING HIV INTEGRASE MULTIMERS	\$228,750
2012	OHIO STATE UNIVERSITY	OH	UM1AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,871,585
2012	UNIVERSITY OF TOLEDO	OH	R21AI098702	SELECTIVE AGENTS TO BLOCK VIRULENCE IN GRAM-NEGATIVE PATHOGENS	\$181,875
2012	Research Institute at Nationwide's Children's Hospital	OH	R56AI090115	A COMPUTATIONAL MODEL TO UNCOVER BASIC SIGNALING MECHANISMS OF NK CELL ACTIVATION	\$185,623
2012	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,841,815
2012	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$177,138
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R56AI049170	HIV-1 FITNESS AND RECOMBINATION	\$400,000
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$346,221
2012	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$225,003
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI076341	Mechanisms of Pneumococcal Adherence	\$317,553

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI074743	FUNCTIONAL ANALYSIS OF NK CELLS AND THEIR POTENTIAL TO GENERATE CTL RESPONSES	\$367,538
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$1,039,238
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI090129	Regulation of TH2 memory/effector cells during allergic inflammation	\$378,675
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$263,443
2012	UNIVERSITY OF CINCINNATI	OH	R21AI096823	MYELOID CELL KLF2 AND IL-4 IN HISTOPLASMOSIS	\$202,218
2012	OHIO STATE UNIVERSITY	OH	F31AI089031	REGULATION OF CD23 CLEAVAGE	\$34,778
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI092299	REAL-TIME MEASUREMENT OF SELF-ANTIGEN RECOGNITION BY LYMPHOCYTES IN VIVO	\$235,500
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI092117	Novel Calcium Release Mechanism Regulates Dendritic Cell Function	\$362,000
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI101375	DNA METHYLATION IN CHILDREN HOSPITALIZED WITH ASTHMA EXACERBATION	\$229,500
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI098511	B cell immunity in HIV exposed uninfected infants in Kenya	\$633,365
2012	OHIO STATE UNIVERSITY	OH	R01AI099451	Gut microflora: Impact on neonatal immunity, viral gastroenteritis and vaccines	\$415,000
2012	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI097284	Infant Antibiotic Resistance and Implications for Therapeutic Decision-making	\$132,300
2012	UNIVERSITY OF CINCINNATI	OH	R56AI095442	Role of Cytomegalovirus GPCRs in Pathogenesis in Vivo	\$306,389
2012	OHIO STATE UNIVERSITY	OH	R01AI093570	Function of human lung mucosal hydrolases during M. tuberculosis infection	\$381,250
2012	OHIO STATE UNIVERSITY	OH	R56AI058279	Molecular regulation of diapause in Culex pipiens	\$273,400
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$384,689
2012	OHIO STATE UNIVERSITY	OH	K02AI077341	HIV-1 INTEGRASE STRUCTURE AND FUNCTION AS A THERAPEUTIC TARGET	\$98,798
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	CONTROL OF IMMUNE RESPONSES BY LIPOXINS DURING TUBERCULOSIS	\$344,148
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$384,689
2012	UNIVERSITY OF TOLEDO	OH	R01AI077720	Development of Aspartate Pathway Inhibitors as Novel Antibiotics	\$360,113
2012	OHIO STATE UNIVERSITY	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$367,538
2012	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$231,331

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,403,151
2012	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI090244	IMPROVEMENT IN PAIRED DONATION PROGRAM	\$351,054
2012	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI081743	REGULATION OF B CELL FUNCTION BY MEMBRANE-CYTOSKELETAL REMODELING	\$402,985
2012	OHIO STATE UNIVERSITY	OH	R01AI081581	NOVEL ASSAY FOR HIV-1 INTEGRASE INHIBITORS	\$377,438
2012	OHIO STATE UNIVERSITY	OH	R01AI083456	Novel Mechanisms Regulating Posttransplant Humoral Alloimmunity	\$384,562
2012	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$367,011
2012	UNIVERSITY OF CINCINNATI	OH	R21AI094971	GM-CSF REGULATION OF ZINC IN HISTOPLASMOSIS	\$196,250
2012	OHIO STATE UNIVERSITY	OH	R01AI097116	Coordination of metabolism and virulence during infection	\$386,875
2012	OHIO STATE UNIVERSITY	OH	R21AI091420	NOVEL APPROACHES TO ATTENUATE LIPOPOLYSACCHARIDE-INDUCED INFLAMMATION	\$190,625
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI093614	HSV latency and reactivation and the novel neuronal regulation of VP16 in vivo.	\$530,430
2012	UNIVERSITY OF CINCINNATI	OH	R01AI070300	REGULATION OF CD8+ T CELL HOMEOSTASIS BY IL-4	\$382,239
2012	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$40,000
2012	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$377,438
2012	OHIO STATE UNIVERSITY	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$371,250
2012	OHIO STATE UNIVERSITY	OH	R01AI077722	The Floral Dimension of African Malaria	\$581,617
2012	Research Institute at Nationwide's Children's Hospital	OH	R01AI077897	HEME, IRON AND OXIDATIVE STRESS: REGULATION OF IRON HOMEOSTASIS IN H. INFLUENZAE	\$352,836
2012	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,661,317
2012	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA Capping and Methylation in Pneumoviruses	\$372,847
2012	OHIO STATE UNIVERSITY	OH	R21AI099386	STRESS HORMONE-MEDIATED REACTIVATION OF LATENT EPSTEIN-BARR VIRUS	\$228,750
2012	UNIVERSITY OF CINCINNATI	OH	R03AI096014	CONDITIONS FOR RAPID MATING IN ASPERGILLUS FUMIGATUS	\$78,500
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI092434	NOROVIRUS P PARTICLE, A MULTIFUNCTIONAL PLATFORM FOR VACCINE DEVELOPMENT	\$191,250
2012	WRIGHT STATE UNIVERSITY	OH	R21AI093268	MOLECULAR EVOLUTION OF AAV VECTORS FOR ANTI-HIV GENE THERAPY	\$218,041

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2012	OHIO STATE UNIVERSITY	OH	R21AI098524	THE ROLE OF UBE2V1 IN HIV-1 RESTRICTION IN PRIMARY MONOCYTES	\$190,625
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI097262	Lymphatic Filariasis Transmission and Elimination in Papua New Guinea	\$553,377
2012	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$355,000
2012	OHIO STATE UNIVERSITY	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$330,785
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI100934	The Immune Pathogenesis of Prenatal Listeria monocytogenes Infection	\$377,468
2012	OHIO STATE UNIVERSITY	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$580,330
2012	OHIO STATE UNIVERSITY	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$69,586
2012	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$1,912,693
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080313	MECHANISMS OF INCREASED SUSCEPTIBILITY TO TB IN HIV-INFECTED INDIVIDUALS	\$551,240
2012	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI091641	GENETIC DISSECTION OF VIRAL PERSISTENCE	\$120,085
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$957,884
2012	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI087683	Role of Viral Chemokine Receptors in Cytomegalovirus Latency.	\$358,435
2012	OHIO STATE UNIVERSITY	OH	R21AI092417	MICRORNA MODULATION OF IMMUNE FUNCTION IN MULTIPLE SCLEROSIS	\$190,625
2012	GUILD ASSOCIATES INC	OH	R44AI082698	PHAGE-MEDIATED BIOLUMINESCENT DETECTION OF YERSINIA PESTIS	\$309,253
2012	OHIO STATE UNIVERSITY	OH	R21AI095773	REGULATORY MYELOID CELLS IN INFLAMMATORY DISEASE: THERAPY AND TARGETED GENERATIO	\$228,750
2012	OHIO STATE UNIVERSITY	OH	R21AI095913	ROLE OF VIRAL APH-2 IN HTLV-2 REPLICATION AND PERSISTENCE	\$190,625
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI100560	A Mechanism-Based Approach to Metallo-beta-Lactamase Inhibition	\$429,022
2012	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI102269	MECHANISMS UNDERLYING SEX DIFFERENCES IN THE PATHOGENESIS OF IBD	\$235,500
2012	UNIVERSITY OF CINCINNATI	OH	UM1AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,668,393
2012	OHIO STATE UNIVERSITY	OH	R34AI100789	Treating cutaneous leishmaniasis by radio-frequency induced heat (RFH) therapy	\$228,750
2012	CASE WESTERN RESERVE UNIVERSITY	OH	UM1AI069501	Case Clinical Trials Unit	\$3,176,040
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI020069	EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	\$399,391
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer membrane proteins of Borrelia burgdorferi	\$162,975

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2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$380,004
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,776,772
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	P01AI083194	GENOMICS OF LUPUS	\$1,897,634
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$321,616
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U01AI101934	Understanding early events in lupus autoimmunity to aid prevention	\$415,725
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$409,773
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI082057	DISCOVERY AND TARGETING OF WEST NILE VIRUS EPITOPES	\$1,159,715
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI094377	IDENTIFICATION OF LUPUS PREDISPOSING VARIANTS BY COMPARING MULTIPLE POPULATIONS	\$202,500
2012	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI092486	RECONSTITUTION OF TWO-MEMBRANE TRANSPORTERS INTO HIGH-DENSITY LIPOPROTEIN PARTICL	\$184,874
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI056129	NOTCH-INDUCED PROTEIN DEGRADATION IN LYMPHOPOIESIS	\$399,391
2012	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$362,999
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$367,939
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI090672	DISCOVERY AND TARGETING OF HIV-1 ASSOCIATED ANTIGENS	\$509,781
2012	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI094124	STRUCTURAL CHROMOSOME MAINTENANCE IN PSEUDOMONAS AERUGINOSA	\$225,000
2012	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI101487	ANTIMICROBIALS FROM MAMMALIAN MICROBIOMES	\$217,000
2012	IMMUNO-MYCOLOGICS INC	OK	R43AI102377	ANTIGEN IMMUNOASSAY FOR DIAGNOSIS OF COCCIDIOIDOMYCOSIS	\$295,438
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$323,066
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI050933	HUMAN & MOUSE ANTIBODIES AGAINST INFLUENZA VIRUS	\$358,962
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI088011	The role of non-canonical base pairs in RNA editing	\$377,135
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI018220	THE REGULATION OF INFLAMMATORY RESPONSES BY CD73	\$403,425

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI092511	REGULATION OF DENDRITIC CELLS BY ESTROGEN RECEPTORS DURING INFLUENZA INFECTION	\$203,750
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI063274	COMPREHENSIVE CANDIDATE PATHWAY ANALYSIS IN SLE	\$786,811
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI048097	T CELL TOLERANCE & AUTOIMMUNITY TO NUCLEAR ANTIGEN LA	\$282,398
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity - Kirschstein - NRSA	\$153,382
2012	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI081928	STRUCTURE-FUNCTION STUDIES ON IL-18, IL-18 BINDING PROTEINS AND RECEPTORS	\$326,320
2012	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI072710	ANALYSIS OF THE COXIELLA BURNETII TYPE IV SECRETION SYSTEM DURING INFECTION	\$20,678
2012	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$682,136
2012	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI085161	Chemically diverse antimicrobials from silent biosynthetic pathways	\$366,432
2012	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI090685	Broad-spectrum Antifolates for Treatment of Drug Resistant Bacillus anthracis	\$842,854
2012	IMMUNO-MYCOLOGICS INC	OK	R41AI096945	POINT-OF-CARE IMMUNOASSAY FOR DIAGNOSIS OF HISTOPLASMOISIS IN HIV/AIDS	\$289,037
2012	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI094141	REGULATION OF THE VDJ RECOMBINASE DURING GENOTOXIC STRESS	\$195,749
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI075192	PURINE SALVAGE PATHWAY OF CRYPTOSPORIDIUM PARVUM	\$373,983
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$385,000
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$381,150
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI078903	INFLAMMATION AND T LYMPHOCYTE IMMUNOREGULATION	\$302,076
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$2,416,430
2012	TOMEGAVAX INC	OR	R43AI100343	SPREAD-DEFICIENT HCMV-VECTORED VACCINES	\$299,835
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,392,992
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070890	MODULATION OF INNATE IMMUNE RESPONSES BY CYTOMEGALOVIRUS	\$377,339
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$103,004
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$780,253
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U54AI081680	PACIFIC NORTHWEST REGIONAL CENTER OF EXCELLENCE (PNWRCE)	\$7,798,614
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$127,845

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2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	\$1,097,443
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI090490	Characterization of Vpu-mediated degradation of BST-2	\$405,900
2012	UNIVERSITY OF OREGON	OR	F32AI091098	MECHANISTIC INVESTIGATIONS OF HELICOBACTER PYLORI CHEMOTAXIS	\$53,942
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$812,795
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI078965	MECHANISMS OF RECOGNITION BY MYCOBACTERIUM TUBERCULOSIS-REACTIVE THYMOCYTES	\$285,688
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$385,000
2012	PORTLAND STATE UNIVERSITY	OR	R01AI093784	Novel Broad-spectrum Antimalarials	\$748,483
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI100569	Optimizing ELQs for Treatment and Prevention of Malaria	\$574,359
2012	DESIGNMEDIX INC	OR	R43AI100353	OPTIMIZATION OF A NOVEL ANTIMALARIAL DRUG CANDIDATE FOR PLANT-SCALE SYNTHESIS	\$102,614
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI101282	EVALUATION OF HOST MIRNAS AS THERAPEUTICS AGAINST ENCEPHALITOGENIC FLAVIVIRUSES	\$265,409
2012	OREGON STATE UNIVERSITY	OR	R01AI016137	UNDERLYING MECHANISMS OF SCHISTOSOME/SNAIL COMPATIBILITY	\$351,693
2012	PORTLAND STATE UNIVERSITY	OR	R01AI051629	Phoslactomycins: Biosynthesis & Activity	\$354,415
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$538,262
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$390,504
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI023682	GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA DONOVANI	\$377,339
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI098723	Development of an H2O2-Inactivated Dengue Virus Vaccine	\$1,327,554
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI092313	ROLE AND FUNCTION OF SPX PARALOGS OF BACILLUS ANTHRACIS	\$193,400
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI102156	INTERNATIONAL HERPESVIRUS WORKSHOP	\$6,000
2012	OREGON STATE UNIVERSITY	OR	K01AI071015	EPIDEMIOLOGY OF RESISTANT BACTERIA IN ACUTE-CARE AND LONG-TERM CARE FACILITIES	\$139,424
2012	13THERAPEUTICS INC	OR	R44AI065000	BACTERIAL-INDUCED SEPSIS: A NEW TREATMENT STRATEGY	\$996,265
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI074494	TRAINING PROGRAM IN VIROLOGY	\$215,262
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$436,883

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	DESIGNMEDIX INC	OR	R41AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$300,000
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	\$381,355
2012	OREGON STATE UNIVERSITY	OR	K22AI089861	IDENTIFICATION AND CHARACTERIZATION OF CELLULAR MECHANISMS WHICH SELECTIVELY CONT	\$159,200
2012	SEDIA BIOSCIENCES CORPORATION	OR	R43AI097001	NOVEL SINGLE WELL AVIDITY EIA TO DETERMINE RECENCY OF HIV-1 INFECTIONS	\$194,123
2012	PACIFIC UNIVERSITY	OR	R13AI100534	7TH BIENNIAL SYMPOSIUM ON POLYAMINES IN PARASITES	\$6,000
2012	ARONORA LLC	OR	R44AI088937	Therapeutic factor XI blockade for sepsis	\$1,000,000
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$220,500
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI050823	IMAGING AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$298,740
2012	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$361,845
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$2,175,494
2012	VITI INC	OR	R43AI091267	A CD8+ T CELL DIAGNOSTIC TO IDENTIFY CHILDREN WITH PULMONARY TUBERCULOSIS	\$157,212
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI022933	GENETIC ANALYSIS OF SALMONELLA TYPHIMURIUM VIRULENCE	\$421,326
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$339,605
2012	PORTLAND STATE UNIVERSITY	OR	R01AI079182	ANTITOXOPLASMOSIS DRUG DESIGN AND OPTIMIZATION	\$365,943
2012	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI082529	REJUVENATION OF THE T-CELL COMPARTMENT IN AGING PRIMATES	\$694,478
2012	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for Vulnerable Population	\$992,669
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$684,191
2012	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$367,538
2012	UNIVERSITY OF PITTSBURGH	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$1,095,203
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$491,451
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI050732	CD4 T CELLS IN TUBERCULOSIS	\$487,620
2012	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$248,658
2012	WISTAR INSTITUTE	PA	R01AI024541	RECEPTOR DIVERSITY IN RECOGNITION OF INFLUENZA HA	\$435,917
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$374,963

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2012	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$417,751
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$396,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$645,300
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$364,992
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$234,125
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$380,412
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$290,110
2012	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$3,363,048
2012	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$556,963
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI080765	NEDD4-FAMILY UBIQUITINATION NETWORKS THAT REGULATE T CELL FUNCTION	\$403,066
2012	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$518,980
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$451,810
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085160	Signals Affecting Homestasis and Tolerance in Memory T Cells	\$385,313
2012	INSTITUTE FOR CANCER RESEARCH	PA	R01AI081314	CONTROL OF ALPHA-BETA/GAMMA-DELTA T LINEAGE COMMITMENT	\$427,569
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI077511	USE OF SUBSTANCE P ANTAGONISTS TO REGULATE THE SKIN IMMUNE FUNCTION	\$371,213
2012	PHILADELPHIA RESEARCH EDUCATION FOUNDATION	PA	R01AI081717	The Role of Glycolipids and CD1 in the Immunology of Leishmania Infection	\$306,281
2012	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$728,314
2012	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$1,988,922
2012	UNIVERSITY OF PITTSBURGH	PA	F32AI085633	INTERACTION BETWEEN THE EPITHELIUM AND MAST CELLS IN SEVERE ASTHMA	\$15,508
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI090788	OPTIMIZING HIV ENV IMMUOGENS FOR T AND B CELL VACCINE RESPONSES	\$551,934
2012	UNIVERSITY OF PITTSBURGH	PA	R33AI079801	MICROBICIDE PROPERTIES OF RT INHIBITOR COMBINATIONS	\$439,614
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$372,650
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI098428	NATURAL HELPER CELLS IN ALLERGIC AIRWAY INFLAMMATION	\$200,000
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI095436	Molecular Mechanisms of Eastern Equine Encephalitis Virus Pathogenesis	\$442,133
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI097361	The role of TIM-1 and Regulatory B cells in Allograft Tolerance	\$388,612

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2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI100561	Antigen stability as a parameter in rational T(CD8+)-targeting vaccine design	\$310,000
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$14,315,989
2012	INTEGRAL MOLECULAR INC	PA	R43AI102626	Engineering Stable, Soluble, and Trimeric HIV gp140 by Paired Cys Scanning	\$300,000
2012	TEMPLE UNIVERSITY	PA	R01AI101192	Neuroimmune regulation of neurotropic JC virus by SF2/ASF in glial cells	\$382,500
2012	THOMAS JEFFERSON UNIVERSITY	PA	R21AI096907	ANTIBODY RESPONSES TO A NOVEL HIV-1 VACCINE VECTOR	\$193,750
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI092398	DISEASE-RELATED DEFECTS IN DENDRITIC CELL PROCESSING OF BACTERIAL ANTIGENS	\$200,000
2012	DREXEL UNIVERSITY	PA	R21AI096848	New Role for a Conserved Plasmodium Transcription Factor	\$231,750
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100495	Control and manipulation of HIV-specific CD8 T-cell effector responses	\$53,942
2012	ACTUATED MEDICAL INC	PA	R44AI080335	Portable Transdermal Acoustic Patch for Delivery of Large Molecules to Improve HIV Patient Medication Regime Compliance by Elimination of Side-Effects, Including Injection Site Reactions	\$957,909
2012	DREXEL UNIVERSITY	PA	R21AI098549	MIR-155 REGULATION OF CELLULAR SUSCEPTIBILITY TO HIV-1 INFECTION	\$231,750
2012	CARNEGIE-MELLON UNIVERSITY	PA	F33AI098354	BACKBONE MODIFIED PEPTIDE-NUCLEIC ACIDS AS ANTIVIRAL AGENTS AGAINST HEPATITIS C	\$62,030
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI100012	Understanding Protective Immunoregulatory Mechanisms in the Infant Lung	\$447,568
2012	UNIVERSITY OF PENNSYLVANIA	PA	R56AI097171	IMMUNOREGULATORY ACTIVITIES OF HSV GD BINDING TO ITS ENTRY RECEPTORS	\$400,000
2012	INSTITUTE FOR CANCER RESEARCH	PA	R56AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$446,250
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI097229	VIRAL INFECTION AND IMPAIRMENT OF IMMUNE TOLERANCE	\$374,355
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$297,189
2012	DREXEL UNIVERSITY	PA	R01AI035661	VACCINE INDUCED IMMUNE RESPONSES TO PLASMODIAL ANTIGENS	\$330,785
2012	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI051352	DEVELOPING ISONITRILE CHEMISTRY FOR MEDICINAL APPLICATIONS	\$463,200
2012	INSTITUTE FOR CANCER RESEARCH	PA	R01AI049335	DEVELOPMENT AND FUNCTION OF NATURAL AUTOREACTIVE B CELLS	\$427,569
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI037859	FUNCTION OF CD8 T CELLS IN TUBERCULOSIS	\$321,452
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$681,025

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2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052861	MECHANISMS OF LYMPHOID LINEAGE COMMITMENT	\$376,900
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI052812	IMMUNE RECEPTORS ON CYTOTOXIC LYMPHOCYTES AND TARGET CELLS	\$396,381
2012	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$425,186
2012	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$589,396
2012	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$334,092
2012	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$570,117
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$388,561
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$433,662
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI080424	NEGATIVE EFFECTS OF IRRADIATED HOSTS ON TRANSPLANTED HEMATOPOIETIC STEM CELLS	\$371,213
2012	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$394,593
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI079396	MECHANISMS AND THERAPEUTIC USE OF CR3 SIGNALING IN MODULATING AUTOIMMUNITY	\$133,920
2012	UNIVERSITY OF PITTSBURGH	PA	U24AI082673	NOVEL MODIFIERS OF TOLL-LIKE AND RIG-LIKE RECEPTOR SIGNALING	\$285,032
2012	UNIVERSITY OF PENNSYLVANIA	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$2,046,572
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$371,213
2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$131,976
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076257	INITIATION OF IMMUNE RESPONSE IN CHRONIC LEISHMANIASIS	\$385,914
2012	UNIVERSITY OF PITTSBURGH	PA	R03AI096296	ENDOSCOPIC BIOPSY OF ISLET TRANSPLANTS IN THE GASTRIC SUBMUCOSAL SPACE IN PIGS	\$75,750
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$418,750
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	\$374,602
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI098041	ALLELIC VARIANTS OF SALMONELLA FIMBRIAL ADHESINS	\$240,000
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI100590	FORMS OF HCV NS5A IN VIVO	\$223,071
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI098337	MECHANISMS BY WHICH IL-10 LIMITS TOLL-LIKE RECEPTOR 9 MEDIATED MACROPHAGE ACTIVAT	\$59,432

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2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI094896	G-Protein Coupled Receptor Kinase-2 on IgE Signaling in Mast Cells	\$240,000
2012	ENANTIGEN THERAPEUTICS INC	PA	R43AI098200	DEVELOPMENT OF SULFAMOYL BENZAMIDE DERIVATIVES AS ANTIVIRAL AGENTS AGAINST HBV INF	\$300,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R13AI098361	ANNUAL WOODS HOLE IMMUNOPARASITOLOGY (WHIP) MEETING	\$8,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI102177	ANTIATHEROGENIC EFFECTS OF NEUTROPHIL ALPHA DEFENSINS	\$240,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R56AI074951	THE ROLE OF AUTOPHAGY IN INNATE ANTI-VIRAL IMMUNITY IN DROSOPHILA	\$397,451
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI097825	CHROMOSOME TRANSLOCATION IN PRE B CELLS: THE ROLE OF AN ALTERNATE DNA STRUCTURE	\$240,000
2012	WISTAR INSTITUTE	PA	R01AI095439	Transcriptional regulation of T cell quiescence and activation	\$435,000
2012	VENATORX PHARMACEUTICALS INC	PA	R43AI094827	NOVEL COMPOUNDS TARGETING BACTERIAL PBPS	\$300,000
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI091798	USE OF ARTIFICIAL MICRO-RNA CLUSTERS TO TREAT HEPATITIS C VIRUS INFECTION	\$384,235
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI070807	REGULATION OF FOXP3 FUNCTION	\$362,760
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$385,914
2012	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$352,452
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$473,852
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$504,525
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$337,466
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI059114	INTEGRATION AND EXCISION BY SERINE INTERGRASES	\$369,180
2012	TEMPLE UNIVERSITY	PA	R01AI047325	Neuropeptides and Regulatory T Cells	\$371,250
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$0
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI073561	MOLECULAR PATHOGENESIS OF IMMUNE DYSFUNCTION IN WISKOTT-ALDRICH-SYNDROME	\$371,213
2012	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$369,890
2012	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$2,818,044
2012	TEMPLE UNIVERSITY	PA	R01AI076423	REGULATION OF TYPE I IFNS IN TOLERANCE AND AUTOIMMUNITY	\$322,776

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2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078538	BACTERIAL AND HOST FACTORS IN PNEUMOCOCCAL COMPETITION	\$380,011
2012	DREXEL UNIVERSITY	PA	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$627,419
2012	UNIVERSITY OF PENNSYLVANIA	PA	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	\$2,591,606
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI094514	DESIGNING OPTIMAL MICROBICIDE DELIVERY INTEGRATING RHEOLOGY AND ACCEPTABILITY	\$176,441
2012	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	\$166,126
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095500	Dissecting the alphavirus entry receptor NRAMP	\$480,872
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	R13AI102510	39TH ANNUAL SCIENTIFIC MEETING OF THE INFECTIOUS DISEASES SOCIETY FOR OBSTETRICS	\$6,000
2012	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R43AI094709	ANIONIC PHOSPHOLIPID-SELECTIVE PET/SPECT AGENT FOR INFECTION IMAGING	\$224,438
2012	WISTAR INSTITUTE	PA	F32AI098377	MOLECULAR BASIS AND REGULATION OF THE DNA BINDING ACTIVITY OF KSHV LANA	\$52,190
2012	INSTITUTE FOR CANCER RESEARCH	PA	R21AI100381	ROLE OF RPL22 IN ER STRESS AND COLITIS	\$222,605
2012	UNIVERSITY OF PITTSBURGH	PA	UM1AI069494	Pitt-Ohio State-Georgetown Clinical Trials Unit	\$2,474,261
2012	INSTITUTE FOR CANCER RESEARCH	PA	R21AI099929	SMALL MOLECULE INHIBITORS OF THE POXVIRUS TYPE I INTERFERON BINDING PROTEIN	\$243,490
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI106026	THE ROLE OF IL-27 IN IV TOLERANCE IN EAE	\$387,500
2012	UNIVERSITY OF PENNSYLVANIA	PA	K24AI073957	NEIGHBORHOOD LEVEL DETERMINANTS OF PNEUMOCOCCAL DISEASE TRANSMISSION	\$184,893
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$417,455
2012	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$371,250
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$400,000
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$387,750
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$344,620
2012	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$332,808
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$377,450
2012	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$218,410
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$174,238
2012	TEMPLE UNIVERSITY	PA	R01AI076535	COMBINATION THERAPIES FOR CHRONIC HBV, LIVER DISEASE AND CANCER	\$347,054
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI077533	REGULATION OF IMMUNITY AND INFLAMMATION BY TIPE2	\$385,914
2012	CARNEGIE-MELLON UNIVERSITY	PA	R01AI076318	INFERRING IN VIVO CAPSID ASSEMBLY KINETICS FROM IN VITRO BY STOCHASTIC SIMULATION	\$285,412

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2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	\$126,495
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI079047	THE ROLE OF E47 IN UNCOMMITTED HEMATOPOIETIC PROGENITORS	\$328,792
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI085837	DEFINING MECHANISMS FOR HOW NDFIP1 REGULATES T CELL-MEDIATED ALLERGIC RESPONSES	\$53,942
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$385,914
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI085828	DISSECTING INNATE IMMUNITY TO HELMINTH PARASITES	\$53,942
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI085570	Novel virulence and exoenzyme regulators	\$361,229
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$388,438
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$387,500
2012	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI081334	Human Rabies Virus Vaccine Development	\$415,582
2012	POLYMEDIX INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	\$1,000,000
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI093804	Genomic analysis of the canonical case of virulence evolution: Myxomatosis in Au	\$626,077
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI099794	CELLULAR FUNCTIONS OF THE ESSENTIAL PCRA HELICASE IN STAPHYLOCOCCUS AUREUS	\$226,220
2012	HEPATITIS B FOUNDATION	PA	R13AI100367	2012 INTERNATIONAL MEETING ON THE MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES	\$5,000
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$129,951
2012	VENATORX PHARMACEUTICALS INC	PA	R43AI096679	PRESERVING BETA-LACTAM UTILITY AGAINST PATHOGENS PRODUCING ALL CLASSES OF BETA -LA	\$300,000
2012	PHARMABRIDGE INC	PA	R44AI077123	NOVEL HBV THERAPEUTIC WITH POTENTIAL FOR TREATMENT OF DRUG-RESISTANT INFECTION	\$980,003
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI098660	Identifying Biomarkers and Genetic Risk Factors Predictive of Reproductive Sequel	\$167,201
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097137	Phylogeographic dynamics of a vector and pathogen in a natural environment	\$406,672
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$669,393
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI095730	REGULATION OF T CELL ACTIVATION AND DEVELOPMENT BY PIK3IP1	\$190,625
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI093930	PREDICTIVE BIOSIGNATURES FOR COMPLICATED NOVEL H1N1 INFLUENZA	\$720,061

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2012	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$327,090
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI099465	Innate Recognition of Allogeneic Non-Self	\$379,675
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI063360	IMMUNE RESPONSE TO POLYOMAVIRUS INFECTION	\$378,749
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI071043	POSITIVE SELECTION-DEPENDENT SKIN-HOMING OF FETAL THYMIC GAMMA/DELTA T CELLS	\$301,260
2012	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$177,074
2012	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$409,927
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$302,998
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$378,417
2012	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$222,916
2012	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$296,524
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$408,884
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097590	Long-lived CD19-positive plasma cells	\$389,293
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$222,868
2012	UNIVERSITY OF PITTSBURGH	PA	U19AI082623	RT INHIBITOR CSIC AND ENTRY INHIBITOR RETROCYCLIN RC101 AS MICROBICIDES	\$1,732,910
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$340,708
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI079057	ROLE OF CD91 AND ITS LIGANDS IN IMMUNE RESPONSE	\$328,493
2012	INSTITUTE FOR CANCER RESEARCH	PA	U19AI083008	IMMUNE MECHANISMS THAT CONTROL ECTROMELIA VIRUS INFECTION	\$1,779,931
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI096553	T and B cell Homeostasis After Induction Therapy in Kidney Transplantation	\$360,652
2012	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$575,678
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI080290	ORIGIN AND EVOLUTION OF HIV-1 DRUG RESISTANCE IN THE RT-SHIVMNE MACAQUE MODEL	\$213,679
2012	DREXEL UNIVERSITY	PA	R21AI093172	MODELING HTLV-1 INFECTION AND CELLULAR IMMUNE RESPONSE IN HLA-A2-TRANSGENIC MICE	\$231,750
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081913	Interactions of Ebola virus glycoproteins with host cells	\$453,760
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$2,169,798
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$2,687,806

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$345,396
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI096036	EFFECTS OF TEMPERATURE ON MOSQUITO IMMUNITY AND VECTOR COMPETENCE: DO SOME LIKE I	\$147,400
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI092071	IDENTIFICATION OF A NATURALLY OCCURRING MODEL FOR EBV-ASSOCIATED LYMPHOMAGENESIS	\$240,000
2012	DREXEL UNIVERSITY	PA	R21AI088423	ROLE OF MICRORNAS IN CORONAVIRUS-INDUCED LETHAL ENCEPHALITIS	\$193,125
2012	VENATORX PHARMACEUTICALS INC	PA	R43AI096613	NOVEL METALLO-BETA-LACTAMASE INHIBITORS	\$294,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI098503	Mechanisms of Neuronal Spread of Neurotropic Mouse Hepatitis Virus	\$128,421
2012	SHIFA BIOMEDICAL	PA	R43AI098253	A NOVEL CASSETTE SYSTEM FOR THE ASSEMBLY OF VLP VACCINES	\$296,731
2012	UNIVERSITY OF PENNSYLVANIA	PA	R33AI082701	Gp340 and syndecan inhibition based microbicide for HIV	\$494,501
2012	UNIVERSITY OF PENNSYLVANIA	PA	UM1AI069534	Philadelphia HIV Therapeutics and Prevention Clinical Trials Unit	\$616,277
2012	ORASURE TECHNOLOGIES INC	PA	R44AI096758	DEVELOPMENT OF A RAPID SCREENING POINT-OF-CARE TEST FOR HIV, HCV AND HBV	\$145,915
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI102543	T-cell immunity to polyomavirus infection	\$382,500
2012	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI098458	Pneumocystis jirovecii Targeted Antiopportunistic Agents	\$380,747
2012	DISCOVERY LABORATORIES INC	PA	R43AI102308	KL4 SURFACTANT TO MITIGATE RADIATION-INDUCED LUNG INJURY	\$300,000
2012	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R33AI082680	Phosphorothioate Oligonucleotides as Microbicides against HIV Transmission	\$464,128
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI038965	Negative selection of autoreactive antibodies	\$387,500
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI104400	ROLE OF CO-RECEPTOR MODIFIED CELLS IN HIV INFECTION	\$1,287,047
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$813,747
2012	UNIVERSITY OF PENNSYLVANIA	PA	K02AI078766	HIV RESTRICTION IN CD4+ T CELLS: HOST AND VIRAL FACTORS	\$81,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$385,914
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050059	Autoimmune encephalomyelitis and c-Rel	\$346,667
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$371,213
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI043745	Gene Therapy for Canine X-linked SCID	\$613,539

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042334	REGULATION OF THE EARLY IMMUNE RESPONSE TO TOXOPLASMA GONDII	\$392,040
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070099	TRAINING IN VACCINE & IMMUNE THERAPEUTICS	\$197,623
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI078812	EFFECT OF CELLULAR MICRORNAS ON HIV-1 REPLICATION	\$383,625
2012	UNIVERSITY OF PENNSYLVANIA	PA	K01AI079162	MATHEMATICAL TECHNIQUES FOR CONTROL OF EPIDEMIC TRYPANOSOMA CRUZI TRANSMISSION	\$105,194
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$356,070
2012	UNIVERSITY OF PENNSYLVANIA	PA	P01AI073489	IMMUNE CHEMISTRY AND THERAPEUTIC FEATURES OF FOXP3	\$1,380,336
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$363,206
2012	DREXEL UNIVERSITY	PA	R01AI084117	CHIMERIC VIRUCIDES BASED ON A NOVEL THEORY OF VIRAL METASTABILITY	\$338,429
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$451,974
2012	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R21AI093524	IDENTIFICATION OF BACTERIAL GENES REQUIRED FOR TRANSMISSION OF TICK-BORNE PATHOGE	\$125,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	K24AI080942	MENTORING AND PATIENT-ORIENTED RESEARCH IN ANTIMICROBIAL RESISTANCE	\$152,450
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI092007	Peptide effectors of virulence factor production in Vibrio cholerae	\$227,250
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080654	Vibrio cholerae-host interaction at the Intestinal Interface	\$396,400
2012	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	Myeloid-lineage cells and immunopathology in Leishmania braziliensis	\$601,620
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072197	Mechanisms of social-stress enhanced allergic airway response in a mouse model	\$399,092
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI087533	Topology, Antigenicity, and Immunogenicity of the C-terminal Tail (CTT) of HIV-1	\$526,740
2012	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$340,777
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI097805	A NOVEL APPROACH FOR ASSESSING DYNAMIC EVENTS IN THE HUMAN COMPLEMENT SYSTEM	\$200,000
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI090178	Identification of novel DNA repair mechanisms in Mycobacterium tuberculosis	\$189,375
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI096993	THE ROLE OF THE IMMUNE RESPONSE IN CONTROLLING THE SIZE OF THE HIV RESERVOIR.	\$190,711
2012	UNIVERSITY OF PITTSBURGH	PA	F32AI096772	Synergy between TLR2 and IL-22R in airway epithelial cells during MRSA challenge	\$52,190
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI100505	SCHISTOSOME TRP ION CHANNELS AS POTENTIAL DRUG TARGETS	\$200,000

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2012	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$398,360
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$400,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI098374	VISUALIZING IMPACTS OF T. GONDII INVASION EVENTS ON MUCOSAL IMMUNITY	\$52,190
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI099651	ROLE OF NOTCH SIGNALING IN THE DIFFERENTIATION AND FUNCTION OF INFLAMMATORY DCS	\$200,000
2012	CARNEGIE-MELLON UNIVERSITY	PA	R21AI100270	FUNCTIONAL ANALYSIS OF ESSENTIAL C. ALBICANS GENES	\$230,400
2012	WISTAR INSTITUTE	PA	K22AI091651	ELUCIDATION OF MECHANISMS THAT CONTRIBUTE TO ANTIGENIC DRIFT OF INFLUENZA VIRUSES	\$108,000
2012	WISTAR INSTITUTE	PA	K99AI099153	REGULATION OF EBV LATENCY BY CHROMOSOME CONFORMATION	\$108,616
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI098058	SEX-SPECIFIC GENE EXPRESSION IN MALARIA PARASITE PLASMODIUM FALCIPARUM	\$223,500
2012	UNIVERSITY OF PITTSBURGH	PA	F32AI098243	IL-17-INDUCED REGULATION OF C/EBPBETA	\$52,190
2012	IMMUNOTOPE INC	PA	R44AI062177	Defining T cell epitopes in Dengue virus infection	\$996,155
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097333	Cytokine regulation of anti-helminth immunity	\$400,000
2012	WISTAR INSTITUTE	PA	R01AI103162	Negative regulatory pathways in T cell quiescence and T cell response	\$260,000
2012	INSTITUTE FOR CANCER RESEARCH	PA	R03AI094164	THE ROLE OF HOST-ENCODED MICRORNAS IN MAINTAINING MEASLES VIRUS PERSISTENCE	\$71,542
2012	UNIVERSITY OF PITTSBURGH	PA	R56AI097679	Pathogenic Role of NK Cells During Infection-Induced Toxic Shock	\$395,465
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052789	KSHV-ORI-LYT-DEPENDENT DNA REPLICATION	\$385,914
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$536,779
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$370,163
2012	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$446,250
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$498,746
2012	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$4,553,096
2012	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$470,828
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4Ralpha signaling pathways in human airways through 15 LO1	\$363,234
2012	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$390,328
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$241,582
2012	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	\$1,740,409

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2012	TEMPLE UNIVERSITY	PA	R01AI080968	DISCOVERY OF NOVEL MACROLIDE ANTIBIOTICS	\$349,507
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080337	IMMUNOLOGY AND OUTCOMES AFTER HAART IN HIV/TB COINFECTION	\$1,017,086
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$390,331
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	\$735,960
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$396,000
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI083383	EFFICACY OF THE ANTIVIRAL STATE VERSUS SINDBIS AND VENEZUELAN EQUINE ENCEPHALITIS	\$337,466
2012	UNIVERSITY OF PENNSYLVANIA	PA	U01AI082211	THERAPEUTICS THAT TARGET PROCESSIVITY COMPLEX PROTEINS OF POX AND OTHER VIRUSES	\$975,696
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	\$945,437
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI089982	THE ROLE OF INKTS IN EOSINOPHILIC ESOPHAGITIS.	\$125,173
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI100438	METABOLIC REGULATION OF CD8 T CELL EXHAUSTION	\$0
2012	INSTITUTE FOR CANCER RESEARCH	PA	F32AI098241	CONTROL OF GAMMA-DELTA T CELL LINEAGE COMMITMENT	\$52,190
2012	PENNSYLVANIA STATE UNIVERSITY	PA	R00AI077917	MECHANISM OF ANTIBODY-MEDIATED IMMUNITY AGAINST F. TULARENSIS	\$240,611
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$597,147
2012	TEMPLE UNIVERSITY	PA	R21AI097758	TARGETING TAM RECEPTORS TO MODULATE INFLAMMATION AND AUTOIMMUNITY	\$229,500
2012	UNIVERSITY OF PENNSYLVANIA	PA	R00AI087963	MOLECULAR AND CELLULAR CHARACTERIZATION OF HOST RESPONSE PATHWAYS TRIGGERED BY VA	\$247,003
2012	INSTITUTE FOR CANCER RESEARCH	PA	R21AI101558	MECHANISM OF CCC DNA SYNTHESIS IN HEPATITIS B VIRUS	\$223,125
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI097787	VIRAL MANIPULATION OF MYELOID CELL FUNCTION	\$191,250
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$400,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI100718	CD200-CD200R EXPRESSION AND CHRONIC IMMUNE ACTIVATION IN HIV INFECTION	\$240,000
2012	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI102835	Quantification of Immune Cells in Women Using Contraception	\$536,117
2012	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI098964	A Genetic Basis for Stress-Neuroendocrine-Immune Interactions	\$242,809

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2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$385,914
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$403,066
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$413,450
2012	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$2,155,092
2012	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$236,745
2012	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$3,047,509
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI073940	NOVEL BACTERIAL PATHOGENS IN PELVIC INFLAMMATORY DISEASE	\$371,917
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074626	CHARACTERIZATION OF THE LA CROSSE VIRUS GLYCOPROTEIN FUSION PEPTIDE	\$342,060
2012	UNIVERSITY OF PENNSYLVANIA	PA	U01AI077913	OPTIMIZING THE FORMULATION OF A PROTEIN BASED SMALLPOX VACCINE	\$594,154
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$371,987
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$370,192
2012	TEMPLE UNIVERSITY	PA	R01AI084065	CB2 RECEPTOR REGULATIN OF INFLAMMATORY RESPONSE IN EAE	\$371,153
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI079211	REPLICATION-DEFICIENT RABIES VECTORS AGAINST RABIES INFECTION	\$378,564
2012	VENATORX PHARMACEUTICALS INC	PA	R01AI089512	DEVELOPMENT OF NEW BETA-LACTAMASE INHIBITORS FOR RESISTANT CATEGORY B FOOD/WATER-	\$1,358,378
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI090825	INNATE/ SIV DNA VACCINE INDUCED IMMUNITY IN THE PROTECTED MACAQUE MUCOSA	\$728,861
2012	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$644,136
2012	THOMAS JEFFERSON UNIVERSITY	PA	R03AI099316	ANTIGEN-DRIVEN B CELL DEVELOPMENT AT THE FOLLICULAR PERIMETER	\$77,500
2012	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$368,334
2012	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,530,066
2012	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI073064	A novel vaccine: botulinum neurotoxin subunit on a viral carrier.	\$817,599
2012	DREXEL UNIVERSITY	PA	R21AI093248	HIV-1 GP120 CONFORMATIONAL TRANSITIONS IN ACTIVATION AND ANTAGONISM	\$189,540
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI097759	ANTIBIOTIC PRESCRIBING FOR ACUTE RESPIRATORY INFECTIONS: IMPACT OF SHIFTS IN CARE	\$242,868

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2012	THOMAS JEFFERSON UNIVERSITY	PA	R21AI090158	Evaluation of Small Molecule Inhibitors of Hemoglobin Transport as Antimalarials	\$193,750
2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI097223	Role of Macrophage Migration Inhibitory Factor (MIF) in Pneumococcal Pathogenesis	\$133,758
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI093511	NEURON SPECIFIC FUNCTIONS OF HSV-1 ICP4	\$227,250
2012	DREXEL UNIVERSITY	PA	R01AI098413	Molecular Pathways Targeted by Potent Antimalarial Pyrazole Compounds	\$488,674
2012	THOMAS JEFFERSON UNIVERSITY	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$387,500
2012	THOMAS JEFFERSON UNIVERSITY	PA	R21AI101929	THE RET/PTC3 ONCOGENE: ANTIGENIC AND INFLAMMATORY PROPERTIES	\$232,500
2012	UNIVERSITY OF PENNSYLVANIA	PA	U01AI095608	Innate immune regulation of airway inflammation	\$360,000
2012	UNIVERSITY OF PITTSBURGH	PA	R21AI093906	A NOVEL APPROACH TO CHARACTERIZE THE TOXOPLASMA GONDII SECRETOME IN VIVO	\$234,492
2012	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097273	A host protein network necessary for parasite cytolysis	\$388,736
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	UM1AI069467	Philadelphia IMPAACT Clinical Trials Unit	\$1,922,500
2012	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI099301	TARGETING AKT SIGNALING IN AUTOIMMUNE LYMPHOPROLIFERATIVE SYNDROME	\$264,988
2012	UNIVERSITY OF PENNSYLVANIA	PA	R21AI102104	HOST-ORIENTED THERAPEUTICS TARGETING FILOVIRUS BUDDING.	\$200,000
2012	UNIVERSITY OF PENNSYLVANIA	PA	F32AI098365	CYTOKINE REGULATION OF HUMAN BASOPHIL RESPONSES	\$49,214
2012	UNIVERSITY OF PENNSYLVANIA	PA	K08AI101008	The Development and Function of CD8+ innate-like lymphocytes	\$133,758
2012	UNIVERSITY OF PENNSYLVANIA	PA	U01AI102430	Targeting Blys/Baff in non-human primate islet transplantation	\$700,472
2012	UNIVERSITY OF PENNSYLVANIA	PA	K25AI099160	Fully-Integrated, Non-Instrumented Device for Molecular Diagnostics	\$128,358
2012	VIRONIKA LLC	PA	R43AI096588	Development of a Small Molecule Inhibitor for EBV Latent Infection	\$245,577
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI046806	Regulation of Persistent Antibody Responses by FC Receptors	\$387,500
2012	THOMAS JEFFERSON UNIVERSITY	PA	R56AI097421	TOLL-LIKE RECEPTOR SIGNALING IN THE GENERATION OF B1B CELL MEMORY	\$387,500
2012	UNIVERSITY OF PUERTO RICO	PR	UM1AI069415	Integrated University of Puerto Rico Clinical Trials Unit	\$2,397,451
2012	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$1,965,883
2012	MIRIAM HOSPITAL (THE)	RI	R13AI100751	INTER-CFAR COLLABORATIVE SYMPOSIUM FOR HIV RESEARCH IN WOMEN	\$10,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100477	2012 DRUG RESISTANCE GORDON RESEARCH CONFERENCE	\$6,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI098121	2012 BIOLOGY OF SPIROCHETES GORDON RESEARCH CONFERENCE	\$5,000

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2012	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$373,233
2012	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR MEDIATED TROPHOBLAST INJURY AND POOR PREGNANCY OUTCOMES IN S. JAPONICA	\$51,914
2012	ROGER WILLIAMS HOSPITAL	RI	R03AI100722	REPLICATION POTENTIAL AND CELL-TROPISM OF RESIDUAL PLASMA HIVS	\$85,500
2012	EPIVAX, INC	RI	R21AI090359	NOVEL H1N1 INFLUENZA PROTECTION VIA CROSS-REACTIVE IMMUNITY	\$250,758
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100311	2012 MICROBIAL TOXINS & PATHOGENICITY GORDON RESEARCH CONFERENCE & GORDON RESEARC	\$10,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100320	2012 NEW ANTIBACTERIAL DRUG DISCOVERY AND DEVELOPMENT GORDON RESEARCH CONFERENCE	\$5,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100313	2012 IMMUNOCHEMISTRY AND IMMUNOBIOLOGY GORDON RESEARCH CONFERENCE	\$6,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI098264	2012 RADIATION CHEMISTRY GORDON RESEARCH SEMINAR AND GORDON RESEARCH CONFERE	\$5,000
2012	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$383,277
2012	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$7,000
2012	BROWN UNIVERSITY	RI	K22AI095021	Missed visits and virologic failure among HIV infected African Americans receivin	\$153,746
2012	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$283,120
2012	UNIVERSITY OF RHODE ISLAND	RI	U19AI082642	TRANSLATIONAL IMMUNOLOGY RESEARCH AND ACCELERATED (VACCINE) DEVELOPMENT (TRIAD)	\$2,490,625
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100295	2012 CHEMOTACTIC CYTOKINES GORDON RESEARCH CONFERENCE & GORDON RESEARCH SEMINAR	\$7,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100533	2012 SIGNALING BY ADHESION RECEPTOR GORDON RESEARCH CONFERENCE AND FRONTIERS IN A	\$11,000
2012	GORDON RESEARCH CONFERENCES	RI	R13AI098123	2012 BIOLOGY OF ACUTE RESPIRATORY INFECTION GORDON RESEARCH CONFERENCE	\$6,000
2012	RHODE ISLAND HOSPITAL	RI	R21AI097684	THE HUMAN B CELL TOLL-LIKE RECEPTOR 4 COMPLEX	\$238,500
2012	EPIVAX, INC	RI	R43AI102454	Inducing Tolerance to Enzyme Replacement Therapy for Pompe Disease	\$300,000
2012	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$1,985,380

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2012	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	\$469,931
2012	PROTHERA BIOLOGICS LLC	RI	R42AI062095	Role of Inter-alpha Inhibitors in Anthrax Intoxication	\$799,975
2012	GORDON RESEARCH CONFERENCES	RI	R13AI100460	2012 CELLULAR AND MOLECULAR FUNGAL BIOLOGY GORDON RESEARCH CONFERENCE	\$5,000
2012	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$130,032
2012	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of T Cell Activation Pathways	\$383,532
2012	RHODE ISLAND HOSPITAL	RI	R21AI101469	NEUTROPHIL MIGRATION IN THREE DIMENSIONS	\$247,594
2012	RHODE ISLAND HOSPITAL	RI	R21AI097963	ADJUVANT AND DOSE OPTIMIZATION OF PARAMYOSIN BASED VACCINES FOR SCHISTOSMIASIS	\$206,050
2012	SOUTH CAROLINA RESEARCH FOUNDATION	SC	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	\$525,632
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	\$270,416
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$361,412
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$192,089
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$368,750
2012	CLEMSON UNIVERSITY	SC	R15AI075326	Nutrient Sensing and Hexokinases in T. brucei	\$360,079
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R56AI095657	Dual role of complement in post-ischemic inflammation and recovery	\$368,750
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI077283	GP96, TLR AND IMMUNOLOGIC TOLERANCE	\$361,412
2012	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	K22AI087707	THE TYPE I IFN PATHWAY CONSTRAINS TH17-MEDIATED AUTOIMMUNE DISEASES	\$108,000
2012	SOUTH CAROLINA RESEARCH FOUNDATION	SC	R01AI095494	Mast Cell S1P Receptor2 in the initiation and progression of chronic inflammation	\$354,502
2012	UNIVERSITY OF SOUTH DAKOTA	SD	K22AI089856	EXAMINATION OF EUKARYOTIC SNARE SYNTAXIN 6 LOCALIZATION TO THE CHLAMYDIAL INCLUSI	\$106,440
2012	UNIVERSITY OF SOUTH DAKOTA	SD	R15AI094437	ROLE OF INFLUENZA-INDUCED PROTHROMBOSIS IN STREPTOCOCCUS PYOGENES SUPERINFECTIONS	\$425,469
2012	SOUTH DAKOTA STATE UNIVERSITY	SD	K02AI076125	MECHANISM OF ACTION OF AN HIV-1 MATURATION INHIBITOR	\$98,118
2012	UNIVERSITY OF TENNESSEE	TN	R01AI014367	CORONAVIRUS RNA REPLICATION	\$348,671
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$437,500

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$374,480
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068009	ANALYSIS OF THE H. PYLORI CAG PATHOGENICITY ISLAND	\$376,113
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$768,079
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083370	Molecular basis for parainfluenza virus infection and host response	\$415,800
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091691	The Role of Human Rhinoviruses in Premature Infant Respiratory Disease and Asthma	\$123,954
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI088729	Influence of maternal antibodies on a Sendai virus-vectored RSV vaccine	\$617,512
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI091537	ORAL REOVIRUS-BASED VACCINES FOR PREVENTION OF HIV-1 DISEASE	\$204,407
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI101629	RATES OF RHINOVIRUS SPECIES IN ADULTS AND CHILDREN WITH ACUTE RESPIRATORY ILLNESS	\$78,000
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI098757	Small molecule inhibitory leads against influenza RdRp	\$1,108,397
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI098380	DEFINING THE IMPACT OF HUMAN HEMOGLOBIN VARIATIONS ON STAPHYLOCOCCAL PATHOGENESIS	\$49,214
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100535	THE MECHANISMS OF HEME TOXICITY AND DETOXIFICATION IN STAPHYLOCOCCUS AUREUS	\$52,190
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R13AI102501	6TH ORTHOMYXOVIRUS RESEARCH CONFERENCE	\$8,000
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI106002	Molecular Determinants of Cross-Reactive Antibody Response to Influenza in Humans	\$390,000
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R56AI069285	ROLE OF TLR3 SIGNALING IN CONTROL OF HCV	\$299,917
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$173,831
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$573,245
2012	UNIVERSITY OF TENNESSEE	TN	R01AI071042	VIRAL CHEMOKINE ALTERATION OF NEUTROPHIL FUNCTIONS	\$337,676
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$411,642
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$340,586
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$420,000
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$390,000

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2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI091306	CHARACTERIZATION OF LC3-ASSOCIATED PHAGOCYTOSIS	\$52,190
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042284	Molecular Basis of CD1D1 and Natural T Cell Function	\$386,100
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$387,209
2012	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$358,962
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$418,000
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI080227	CHANGES IN HIV-1 IMMUNE RESPONSE ASSOCIATED WITH PREGNANCY	\$125,581
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$389,664
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI096833	MECHANISMS OF CHIKUNGUNYA VIRUS BINDING AND ENTRY	\$52,190
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$742,000
2012	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI095637	CHARACTERIZATION OF A NOVEL HOST PATHWAY THAT REGULATES CHLAMYDIAL DEVELOPMENT	\$376,837
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI098383	Elucidating the regulation of interleukin-35, a regulatory cytokine, in T cells	\$49,214
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI092268	Epitope shifting and Antibody Maturation during Rotavirus Infection	\$233,882
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	UM1AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$1,189,565
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI075259	STRUCTURAL MECHANISMS OF BOTULINUM NEUROTOXIN PATHOGENESIS	\$300,891
2012	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$355,690
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI052199	Molecular Control of TCR Signaling and Function	\$437,500
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,591,967
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076983	STRUCTURAL ANALYSIS OF REOVIRUS ATTACHMENT MECHANISMS	\$315,970
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$851,487
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI102568	Metal-dependent regulation of the H. pylori Cag type IV secretion system	\$49,214
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infections Research Program	\$276,826
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI094089	METABOLIC CONTROL OF REGULATORY T CELL DIFFERENTIATION	\$218,750

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2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$370,479
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$376,113
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI062415	INHIBITORS OF LATENT M. TUBERCULOSIS	\$613,591
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI080405	ANALYSIS OF RADIOMITIGATIVE CELL SIGNALING	\$474,688
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083443	TLR-MEDIATED SIGNALING COMPLEX FORMATION AND REGULATION OF EFFECTOR FUNCTIONS	\$411,642
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI084411	TARGETING MRAY: SYNTHESIS AND VALIDATION OF MRAY INHIBITORS	\$371,044
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI089401	CAPSID-TARGETING HIV-1 ANTIVIRALS	\$724,458
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$107,911
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI100480	Adaptation of Staphylococcus aureus to Mn-limitation imposed by the host	\$53,942
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R03AI097733	Novel mechanisms of TCR quality control	\$78,388
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI097978	TARGETED GENE INACTIVATION IN ANOPELES GAMBIAE VIA ARTIFICIAL NUCLEASES	\$254,375
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI100700	The Role of Obesity and Adipocytes in Immune Activation on Antiretroviral Therapy	\$125,173
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI070693	TRANSCRIPTIONAL CONTROL OF CHLAMYDIAL DEVELOPMENT	\$357,737
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050083	The Cell Biology of Coronavirus Infection	\$347,490
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$374,792
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$152,446
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	T32AI078906	TRAINING GRANT IN BACTERIAL PATHOGENESIS	\$45,914
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$338,503
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI092007	Peptide effectors of virulence factor production in Vibrio cholerae	\$0
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI093984	TRACKING CELLULAR MIGRATION IN VIVO	\$262,500
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI100643	Mechanical basis of T cell receptor triggering	\$421,474
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$386,100
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$490,017

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2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$408,130
2012	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$107,328
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077528	FLEXIBILITY AND COMMITMENT IN POST-EFFECTOR CD4 LYMPHOCYTES	\$382,239
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI089554	Virology Training Program	\$181,642
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of novel proteins synthesis inhibitors for MDR tuberculosis	\$945,212
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$390,000
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI101935	Inflammatory Caspases in Innate Immunity and Inflammation	\$437,500
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI097485	Amino acid sensing and phenotypic adaptation in T cells	\$262,500
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI103038	Key determinants of dengue virus neutralization by naturally occurring human mAbs	\$126,144
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$493,213
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$415,800
2012	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$212,437
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$386,100
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R33AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$356,484
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R03AI095852	ROLE OF M-RELATED PROTEIN AND IGG INTERACTIONS IN VIRULENCE OF S. PYOGENES	\$63,000
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$388,962
2012	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI010085	Vaccine Prevention of Group A Streptococcal Infections	\$315,000
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$3,332,536
2012	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	UM1AI069439	Vanderbilt HIV Clinical Trials Unit	\$1,917,163
2012	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K25AI100946	Bacterial virulence factors contributing to virus-associated pneumonias	\$85,014
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$396,771
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$451,839

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2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$7,824,251
2012	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$237,236
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$689,912
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPI	\$307,751
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$344,250
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$133,125
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$361,775
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$380,842
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$295,990
2012	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$710,160
2012	RICE UNIVERSITY	TX	R01AI077785	THE INFLUENZA A VIRUS NUCLEOPROTEIN: STRUCTURE AND FUNCTION	\$365,452
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$328,885
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo in Vibrio cholerae	\$379,600
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$1,861,210
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI094427	DISCOVERY OF NOVEL CHOLERA TOXIN RECEPTORS	\$198,438
2012	BAYLOR COLLEGE OF MEDICINE	TX	K23AI087821	Genome-wide genetic variation in the human immune response to influenza vaccines	\$131,496
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	\$761,277
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K22AI093795	UNDERSTANDING THE ROLE OF TREX1 IN THE INNATE IMMUNITY AND AUTOIMMUNE DISEASES	\$108,000
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$331,920
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI097675	THE ROLE OF MOSQUITO SALIVA IN CHIKUNGUNYA VIRUS TRANSMISSION AND DISSEMINATION	\$229,500
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI097913	Novel Bacillus subtilis based spore vaccine to tuberculosis	\$186,458
2012	BAYLOR RESEARCH INSTITUTE	TX	R01AI097348	Understanding the early and late endosomal TLR9-mediated responses to viral DNA.	\$392,000

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2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$279,118
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI007271	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$93,516
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$346,221
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$364,107
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI042345	GENETIC MECHANISMS IN BORRELIA BURGDORFERI PATHOGENESIS	\$355,538
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$381,150
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$1,523,273
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$2,033,593
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$488,813
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$373,680
2012	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$180,062
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI078972	MECHANISM OF PSRP MEDIATED ADHESION	\$254,704
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTHRAX TOXIN	\$247,844
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolyticus T3SS1	\$392,907
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI083761	REGULATION OF T CELL ACTIVATION AND TOLERANCE BY GRAIL	\$377,339
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in P. Chabaudi Malaria	\$343,455
2012	BAYLOR COLLEGE OF MEDICINE	TX	R25AI084826	FOUNDATIONS FOR STUDENT SUCCESS: NATIONAL AFTER SCHOOL NETWORK	\$266,555
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$376,293
2012	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$381,150
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$420,516
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093491	Novel Vaccine Technology for Chikungunya	\$563,467
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI097167	Iron Acquisition in Anthrax	\$391,250

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2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI098715	Therapy of Dengue with Modified Antibodies in Humanized Mice	\$845,490
2012	BAYLOR COLLEGE OF MEDICINE	TX	R21AI099007	HIV-1 RESISTANCE TO TYPE I INTERFERON IN MACAQUES	\$234,750
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI099442	INHIBITORY RECEPTORS IN EARLY B CELL DEVELOPMENT	\$238,438
2012	LYNNTECH, INC	TX	R43AI102357	ARRAYED LATERAL FLOW BIOSENSOR FOR RAPID MOLECULAR IDENTIFICATION OF UTI-RELATED	\$195,098
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI096133	Analysis of newly identified adhesin used by pathogenic Gram-negative bacteria	\$198,698
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$348,697
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R56AI097372	Mechanisms of Human Basophil-Mediated Allergic Inflammation	\$366,250
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI091777	HOST CELL JAK-STAT ACTIVATION AND PATHOGENESIS OF SPOTTED FEVER RICKETTSIOSES	\$382,500
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$321,719
2012	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	TRAINING PROGRAM FOR CLINICAL RESEARCH ON AIDS	\$234,828
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$344,337
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$434,909
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$392,803
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$418,913
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$371,450
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI084734	MYCOBACTERIUM TUBERCULOSIS REPLICATION AND PROLIFERATION	\$345,357
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI077796	PATHOGENESIS OF SUBTYPE IE VENEZUELAN EQUINE ENCEPHALITIS VIRUS	\$118,343
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080681	Evasion of intrinsic antiviral host cell responses by herpesviruses	\$379,913
2012	BAYLOR COLLEGE OF MEDICINE	TX	R21AI088329	OPTICAL IMAGING TO MONITOR HEME ACQUISITION DURING BACTERIAL INFECTION	\$229,484
2012	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098238	Regulation of the HIV cofactor activity of LEDGF/p75 by interacting proteins	\$360,880
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI097570	PATHOGENESIS MECHANISM OF GEMINIVIRUS-ENCODED AL2	\$215,527

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI094800	Role of Type I Interferon in Allergic Asthma	\$29,455
2012	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	\$424,308
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI093897	MECHANISMS OF MITOCHONDRIAL DNA REPLICATION LICENSING IN TRYPANOSOMES	\$228,000
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI095935	AN INTRACELLULAR NICHE FOR BORRELIA BURGDORFERI	\$183,125
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI099107	Analysis of Coronavirus-Host Cell Interactions	\$382,500
2012	TEXAS A & M RESEARCH FOUNDATION	TX	P01AI095208	Structure-based Discovery of Critical Vulnerabilities of Micobacteria	\$1,973,398
2012	BAYLOR COLLEGE OF MEDICINE	TX	R21AI102483	IDENTIFICATION OF NOVEL CO-FACTORS FOR HIV TAT AND REV AS THERAPEUTIC TARGETS	\$234,750
2012	CHRYSALIS BIOTHERAPEUTICS INC	TX	R44AI086135	TP508: A New Drug for Mitigating Lethals Effects of Radiation Exposure	\$1,000,000
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$369,715
2012	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$661,431
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$367,864
2012	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI102663	Effector and Regulatory Activities of HLA-E-restricted HIV-specific abCD8 T Cells	\$531,600
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$353,523
2012	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$513,278
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI054830	COMBATTING QUINOLONE ANTIMICROBIAL RESISTANCE	\$387,338
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$375,000
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$673,204
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI077853	AI-3 INHIBITORS AS TREATMENT FOR BACTERIAL INFECTIONS	\$1,075,870
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$249,058
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI099850	EVALUATION OF MARKETED DRUGS FOR RAPID DEVELOPMENT AS ANTI-CRYPTOSPORIDAL AGENTS	\$219,750
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI074860	CPAF INDUCED CD4+ T CELL MEDIATED IMMUNITY AGAINST CHLAMYDIA	\$354,061
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$450,594

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2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI079232	ENDOGENOUS GLYCOSPHINGOLIPID ANTIGENS FOR NKT CELLS	\$377,339
2012	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$288,034
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079110	Using Chemical Biology to Interfere with the Influenza Virus Life Cycle	\$401,105
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	\$401,105
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$390,628
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R03AI092153	DEVELOPMENT OF SITE-SPECIFIC MUTAGENESIS IN COXIELLA BURNETTI	\$65,925
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI092235	IDENTIFICATION OF NOVEL PLANT-DERIVED ANTIMALARIAL COMPOUNDS	\$205,271
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI088450	E. coli O157: H7 Vaccine Development	\$191,250
2012	LUMINEX CORPORATION	TX	R01AI096228	Systems for rapid development of high sensitivity multiplex assays for biothreat	\$890,308
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI097599	The link between dimorphism and virulence in Cryptococcus	\$357,672
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI085371	Using the MHC class I cytoplasmic tail to control tumor Ag presentation by DCs	\$395,000
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI099150	Novel host factors in selective autophagy of viruses	\$130,356
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI097929	MECHANISMS OF ANTIBIOTIC RESISTANCE IN CONFINED MICROCOLONIES	\$224,520
2012	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI099518	REGULATION OF MONOCYTE RECRUITMENT AND FUNCTION BY THE IL-23/IL-17 AXIS	\$72,500
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI098099	PATHWAYS REGULATING PLASMACYTOID DENDRITIC CELLS IN PEYERS PATCHES	\$237,000
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI101932	THE ROLE OF COMPLEMENT SYSTEM IN ALLOIMMUNE RESPONSES	\$237,000
2012	BAYLOR COLLEGE OF MEDICINE	TX	R21AI096314	BACTERIAL HEME TRANSPORT BY NON-ISD NEAT PROTEINS	\$234,750
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R00AI083087	ASSEMBLY OF HIV -1 AND CELLULAR TRANSCRIPTION ELONGATION COMPLEXES	\$265,112
2012	NORWELL INC	TX	R44AI071634	Evaluation and Production of a Multivalent Adenoviral Plague Vaccine	\$995,493
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI101767	Assembly of bacterial cytoplasmic protein complexes measured by LRET	\$173,410
2012	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R03AI095040	TARGETING THE VIRUS ASSEMBLY AND ENTRY PATHWAYS FOR ANTI-HIV GENE THERAPY	\$75,500
2012	BAYLOR COLLEGE OF MEDICINE	TX	UM1AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$959,712

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$346,710
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069142	IMMUNE MECHANISMS OF HCV PERSISTENCE AND PATHOGENESIS	\$326,663
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$332,990
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$392,597
2012	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$4,668,879
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$125,706
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$29,328
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K24AI079272	DISSECTING THE IMMUNE BASIS OF DISEASE AND THERAPY	\$182,524
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$383,279
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$423,080
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI083646	Identification of Salmonella Genes Important for Systemic Colonization	\$350,356
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$378,024
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI085014	Genome-wide association to Staphylococcus carriage	\$618,229
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$393,422
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI047923	Alternative Approaches for E. faecalis Infections	\$630,603
2012	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI085079	THE GENETIC BASIS OF ANTHROPOPHILY IN ANOPHELES GAMBIAE	\$251,458
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$392,803
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI092252	HIGH-THROUGHPUT SCREENINGS TO IDENTIFY HOST RECEPTORS FOR STAPHYLOCOCCAL ADHESINS	\$84,304
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$387,578
2012	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098976	Molecular effects of SUMOylation on influenza virus infection: SUMO and NS1	\$261,625
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	\$865,253

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2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI101472	HOST PATHOGEN SIGNALING IN THE INTESTINE	\$212,112
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$14,100,000
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI097403	RepServer: Antigen Receptor Repertoire Analysis Pipelines via the WWW	\$714,700
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI102304	VECTOR-HOST-PATHOGEN INTERFACE IN MONOCYTOTROPIC EHRLICHIOSIS	\$229,500
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI095951	A NOVEL ROLE FOR THE TLR SIGNALING ADAPTOR TRAM	\$221,936
2012	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$1,321,492
2012	BAYLOR COLLEGE OF MEDICINE	TX	R25AI097453	The Science of Infectious Disease and the Immune System_K to 5 Teaching Resources	\$188,883
2012	TERAPIO CORPORATION	TX	R44AI081356	Development of RLIP76 protein as a Radiation Countermeasure	\$1,000,000
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098569	HIV Subversion of Innate Immunity	\$396,771
2012	TEXAS TECH UNIVERSITY	TX	R21AI099575	NANOENGINEERED VIRUS-MIMICS AS TEMPLATES FOR DESIGN OF A UNIVERSAL INFLUENZA A VA	\$215,097
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI096277	EFFICIENT LINKAGE MAPPING METHODS FOR SCHISTOSOMA MANSONI	\$264,813
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI089973	Immunity to Ehrlichial Infections	\$161,261
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$168,906
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI050848	The function of CARD9 in innate immune responses	\$343,035
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$350,086
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$367,538
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$371,250
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$384,689
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI081485	TARGETING TRYPANOSOMA BRUCEI S-ADENOSYLMETHIONINE DECARBOXYLASE IN DRUG DISCOVERY	\$29,592
2012	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$3,034,833
2012	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$366,438

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2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI077746	ROLE OF MICRORNAS IN THE SV40 INFECTIOUS CYCLE	\$266,341
2012	BAYLOR COLLEGE OF MEDICINE	TX	R21AI092063	DEVELOPMENT OF PROTEIN-BASED BETA-LACTAM ANTIBIOTIC RESISTANCE DIAGNOSTICS	\$234,750
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI093533	Mechanism and pathophysiological significance of mast cell regulated exocytosis	\$412,876
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$421,297
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K22AI085116	HOST RESPONSES TO YERSINIA PSEUDOTUBERCULOSIS: CYTOLYTIC T CELLS & APOPTOSIS	\$108,000
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	Mechanism of RNA synthesis and 5 capping by dengue virus NS5 polymerase	\$382,750
2012	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$316,000
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI095680	The Innate Immune Response in the Marmoset Model of GBV-B Infections: A Surrogate	\$552,679
2012	BAYLOR RESEARCH INSTITUTE	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$392,000
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI100914	Allosteric therapy of the Clostridium difficile toxins	\$382,500
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI092621	EVALUATION OF CPAF MEDIATED ANTI-CHLAMYDIAL IMMUNITY IN THE GUINEA PIG	\$72,250
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI097667	SUPPRESSION OF ALLOGRAFT REJECTION BY A NOVEL PROTEIN ESAT-6	\$176,250
2012	TEXAS HEART INSTITUTE	TX	R01AI095575	HTS platform for identification of regulators of cell adhesion molecule signaling	\$382,500
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI097975	CHEMOKINE CXCL17 AND MUCOSAL IMMUNOSURVEILLANCE	\$191,250
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI097958	DEVELOPMENT OF GENETIC TECHNIQUES IN CHLAMYDIA	\$73,500
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI077679	Translational Regulation in Bronchial Epithelial Cells	\$380,000
2012	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI100893	INDUCTION OF PROTECTION AGAINST CRYPTOCOCCUS NEOFORMANS IN IMMUNE DEFICIENT HOSTS	\$220,500
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI090142	Identification and Role of Type IV Effector Proteins in Coxiella burnetii	\$378,620
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI102525	EMERGING VIRUSES: DISEASE MODELS AND STRATEGIES FOR VACCINE DEVELOPMENT	\$7,000
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI102267	BIOAVAILABLE PROTEASOME INHIBITORS AS BROAD-SPECTRUM ANTIVIRALS	\$233,960

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	BAYLOR COLLEGE OF MEDICINE	TX	R13AI102523	11TH INTERNATIONAL SYMPOSIUM ON DSRNA VIRUSES	\$7,000
2012	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R56AI079236	MECHANISMS OF BETA-BLOCKER INDUCED IMPROVEMENTS IN ASTHMA	\$440,000
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI101325	MECHANISMS OF AIRWAY NEUROGENIC INFLAMMATION BY ASTHMA-INDUCING ALLERGENS	\$186,771
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$346,221
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$380,708
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$456,629
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$379,587
2012	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,504,659
2012	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,798,269
2012	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$618,441
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$123,281
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$128,113
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$376,113
2012	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$376,200
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$838,349
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI094692	THE ROLE OF NK CELLS IN HIV AND TUBERCULOSIS CO-INFECTION	\$188,669
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$279,180
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI081093	Molecular Mechanisms Regulating Early Stage Tick Feeding	\$215,911
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089454	RNA INTERFERENCE FOR THE TREATMENT OF EBOLA AND MARBURG HEMORRHAGIC FEVER	\$571,407
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI097576	Genetic Analysis of Host Specificity in Schistosoma mansoni	\$589,999
2012	KJ BIOSCIENCES LLC	TX	R43AI092923	A UNIVERSAL INFLUENZA VACCINE BY DUAL-DOMAIN FUSION WITH A NOVEL CARRIER PROTEIN	\$277,928

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2012	UNIVERSITY OF TEXAS AT ARLINGTON	TX	R15AI096146	DETERMINATION OF THE MECHANISM OF THE IMMUNOSUPPRESSIVE EFFECTS OF THIOPURINES	\$440,320
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI099422	FUNCTIONAL RELATIONSHIPS BETWEEN THE LUPUS SUSCEPTIBILITY LOCI LYN AND ETS1	\$168,555
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI092891	DEFINING THE ROLE OF WXL PROTEINS IN ENTEROCOCCUS FAECIUM	\$27,776
2012	MICROSURFACES INC	TX	R44AI077161	CELL MIMIC MICROARRAYS FOR THE MULTIVALENT PATHOGEN PROFILING & CHARACTERIZATION	\$364,547
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI098775	RBD recombinant protein-based SARS vaccine for biodefense	\$1,501,840
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI099439	Carbon monoxide resistance in Mycobacterium tuberculosis pathogenesis	\$397,500
2012	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI099345	ESAT-6 PRIMES DENDRITIC CELLS WITH REDUCED IL-12 AND INCREASED IL-23 PRODUCTION	\$211,500
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI095788	MICROBIOTA-DERIVED METABOLITES IN MUCOSAL HOMEOSTASIS	\$178,614
2012	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R56AI061381	PILUS ASSEMBLY IN GRAM-POSITIVE BACTERIA	\$380,000
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R01AI095293	Bacillus Anthracis and Complement	\$364,626
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI024998	INTESTINAL MUCOSAL IMMUNITY	\$376,113
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI045196	GENETIC PATHWAYS CONTRIBUTING TO SLE PATHOGENESIS	\$464,191
2012	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067839	STRUCTURAL AND FUNCTIONAL STUDY OF INFLUENZA VIRUS HEMAGGLUTININ	\$300,891
2012	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$403,736
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$1,101,571
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090119	Regulated Intramembrane Proteolysis of CREB3L1 in Innate Antiviral Response	\$393,422
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI090320	THE ENDOTHELIUM AND RESISTANCE TO RICKETTSIAL INFECTION	\$191,250
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$379,313
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI087741	The Structural Basis of Viral RNA Sensing by the RIG-I Like Receptors	\$322,650
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$378,675
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI090705	ANTIGEN PRESENTATION BY EPITHELIAL STEM CELLS TO PROMOTE LIFE LONG IMMUNITY	\$744,517

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2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083387	Host defense against respiratory virus infections	\$330,784
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	\$396,771
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI079444	ROLE OF GAMMA/DELTA T CELLS IN WEST NILE VIRUS PATHOGENESIS	\$76,500
2012	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$248,697
2012	COVALENT BIOSCIENCE INC	TX	R41AI093261	COVALENT VACCINE FOR HIV	\$300,000
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI098724	NOVEL GENE-SILENCING THERAPEUTICS FOR MULTIDRUG-RESISTANT GRAM-NEGATIVE PATHOGENS	\$186,133
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$382,500
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R03AI100159	IMMUNITY IN TSH-BETA SPLICE VARIANT-DEFICIENT MICE	\$76,000
2012	TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER	TX	R21AI101740	In vivo dual Bioluminescence Reporter System of Infectious Borrelia burgdorferi	\$182,605
2012	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098077	EFFECT OF ATOPY ON DENDRITIC CELL ANTIVIRAL RESPONSES	\$397,124
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI095464	Vaccine Potential of Nipah virus-like Particles	\$382,500
2012	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI059048	VIRULENCE DETERMINANTS OF BORRELIA BURGDORFERI	\$416,466
2012	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R37AI048071	Mapping Drug Resistance Genes in Plasmodium falciparum	\$669,120
2012	BAYLOR RESEARCH INSTITUTE	TX	R21AI101810	CONTROLLING ALLERGEN-SPECIFIC TH2-TYPE RESPONSES BY TARGETING DC SURFACE LECTINS	\$196,000
2012	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI043003	Pathogenic Mechanisms of Cutaneous Leishmaniasis	\$306,000
2012	BIOFIRE DIAGNOSTICS INC	UT	U01AI082482	STI AND RESPIRATORY PATHOGEN TESTING IN NONTRADITIONAL SETTINGS	\$885,081
2012	UNIVERSITY OF UTAH	UT	R21AI092231	INNOVATIVE ASSAY DEVELOPMENT FOR THE DIAGNOSIS OF INVASIVE ASPERGILLOSIS	\$184,369
2012	UNIVERSITY OF UTAH	UT	R56AI076168	D-PEPTIDE INHIBITORS OF HIV-1 ENTRY	\$373,750
2012	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$266,178
2012	UTAH STATE UNIVERSITY	UT	R21AI101483	TARGETING INDUCTION OF CALCIUM BUFFER PROTEINS FOR TREATMENT OF VIRAL ENCEPHALITI	\$192,733
2012	BIOFIRE DIAGNOSTICS INC	UT	R01AI089489	AN AUTOMATED MULTI-TARGET DIAGNOSTIC SYSTEM FOR GASTROINTESTINAL PATHOGENS	\$1,069,674
2012	UNIVERSITY OF UTAH	UT	R01AI095736	The role of PhoP-PhoQ in an insect-bacterial symbiosis	\$373,750

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2012	BRIGHAM YOUNG UNIVERSITY	UT	R15AI101958	IDENTIFICATION OF BACTERIAL RESISTANCE MECHANISMS TO ANTIMICROBIAL CHEMOKINES	\$375,000
2012	UNIVERSITY OF UTAH	UT	R01AI074825	DNA PACKAGING AND DELIVERY BY DSDNA VIRUSES	\$368,763
2012	UNIVERSITY OF UTAH	UT	R01AI080830	The role of antigenic stimulatory strength in the selection and differentiation o	\$370,013
2012	UNIVERSITY OF UTAH	UT	R01AI087508	An Ex Vivo Model of HIV-1 Latency and Reactivation using Primary Memory Cells	\$370,013
2012	UNIVERSITY OF UTAH	UT	K22AI095375	EXPLORING THE MECHANISMS OF T CELL INTRINSIC TLR2 SIGNALING ON TREG FUNCTION	\$162,000
2012	UNIVERSITY OF UTAH	UT	R25AI095212	Your Body's Microbial Ecosystem: Web-based Curriculum for Secondary Science	\$229,438
2012	NAVIGEN INC	UT	R01AI093394	PREVENTING LETHAL HEMORRHAGIC FEVER CAUSED BY HANTAVIRUSES BY PRESERVING ENDOTHEL	\$351,045
2012	UNIVERSITY OF UTAH	UT	R01AI095647	Bacterial Invasion and Trafficking within the Bladder	\$373,750
2012	UNIVERSITY OF UTAH	UT	R56AI087742	ROLE OF OCT TRANSCRIPTION FACTORS REGULATING IMMUNE RESPONSE	\$248,666
2012	NAVIGEN INC	UT	R56AI098768	SLIT2N FOR THE TREATMENT OF VIRAL HEMORRHAGIC FEVER	\$809,980
2012	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$508,149
2012	UNIVERSITY OF UTAH	UT	K23AI079401	RAPID MOLECULAR TESTING FOR NEONATAL ANTIBIOTIC-RESISTANT PATHOGENS	\$137,160
2012	UNIVERSITY OF UTAH	UT	R21AI088451	ROLE OF IFITM/FRAGILIS PROTEINS AS INTRACELLULAR SHUTTLES DURING CELL ACTIVATION	\$186,875
2012	UNIVERSITY OF UTAH	UT	R01AI024158	REGULATION OF CR2/CD21 EXPRESSION AND ACTIVATION	\$71,634
2012	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$295,010
2012	UNIVERSITY OF UTAH	UT	R01AI076652	CLONING MAJOR GENES FOR LETHAL GVHD IN MICE	\$295,010
2012	NAVIGEN INC	UT	R43AI093083	NOVEL THERAPEUTIC APPROACH FOR SEPSIS: BLOCKING THE VASCULAR RESPONSE TO CYTOKINE	\$274,171
2012	UNIVERSITY OF UTAH	UT	R21AI090369	DECIPHERING EXPEC VIRULENCE MECHANISMS	\$188,125
2012	UTAH STATE UNIVERSITY	UT	R21AI101464	CELLULAR COMPONENTS INVOLVED IN JAPANESE ENCEPHALITIS VIRUS ENTRY	\$158,557
2012	NAVIGEN INC	UT	R43AI102347	Protease-resistant D-peptide Inhibitors of Ebola Virus Entry	\$300,000

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2012	UNIVERSITY OF UTAH	UT	R21AI094004	ELUCIDATING THE GENETIC BASIS OF COMMON VARIABLE IMMUNE DEFICIENCY	\$186,875
2012	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$369,600
2012	UNIVERSITY OF UTAH	UT	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$431,949
2012	NAVIGEN INC	UT	R43AI098197	Protease-resistant D-peptide inhibitors of RSV entry	\$295,945
2012	BIOFIRE DIAGNOSTICS INC	UT	R43AI098201	RAPID COMPREHENSIVE IDENTIFICATION OF PNEUMONIA PATHOGENS	\$262,052
2012	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$429,034
2012	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$481,634
2012	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$423,877
2012	RADIATION RESEARCH SOCIETY	VA	R13AI080056	MEETING OF RADIATION RESEARCH SOCIETY	\$5,000
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077638	ROLES OF TWO AMINOPEPTIDASES IN PEPTIDE CATABOLISM IN THE MALARIA PARASITE	\$265,334
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101774	Regulation of the P.aeruginosa Type III Secretion System by the Multifaceted Tran	\$198,024
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$379,417
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094229	EXPERIMENTAL IDENTIFICATION OF MICRORNA TARGETS IN MOSQUITOES DURING PLASMODIUM I	\$199,500
2012	TECHLAB, INC	VA	R43AI085938	ALUM-ABSORBED SUBUNIT VACCINE TO PREVENT INTESTINAL AMEBIASIS	\$300,000
2012	UNIVERSITY OF VIRGINIA	VA	R01AI097312	Survival of Neisseria gonorrhoeae after primary human neutrophil challenge	\$392,158
2012	TECHLAB, INC	VA	R41AI094733	Point-of-Care Diagnostic Test for Entamoeba histolytica Cysts	\$299,419
2012	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$405,723
2012	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$302,671
2012	UNIVERSITY OF VIRGINIA	VA	R01AI079621	T CELL EPITOPE MIMICRY FOR AUTOIMMUNE RESPONSES IN SLE	\$424,512
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	UH3AI083263	THE VAGINAL MICROBIOME: DISEASE, GENETICS AND THE ENVIRONMENT	\$1,912,132
2012	UNIVERSITY OF VIRGINIA	VA	R33AI081616	FUNCTIONAL HIV ENVELOPE TRIMER AS A PROPHYLACTIC HIV/AIDS VACCINE CANDIDATE	\$452,760
2012	UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	\$787,280
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI099250	Juvenile hormone action, and crosstalk between juvenile hormone and 20-hydroxyecd	\$328,345
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI100039	Coenzyme F420-dependent enzymes in mycobacteria	\$236,148
2012	UNIVERSITY OF RICHMOND	VA	R15AI094343	SODALIS GLOSSINIDIUS IRON ACQUISITION	\$344,059

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2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI072683	THE ROLES OF ANAPLASMA PHAGOCYTOPHILUM SURFACE PROTEINS IN CELLULAR INVASION	\$367,810
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI097350	MAST CELL FUNCTION IN PROTECTIVE AND PATHOLOGICAL IMMUNITY: A ROLE FOR MDSC?	\$336,375
2012	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN- γ with mast cells and eosinophils i	\$385,000
2012	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$390,054
2012	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$394,167
2012	UNIVERSITY OF VIRGINIA	VA	U19AI083024	IMMUNE REGULATION OF VIRUS CLEARANCE AND TISSUE INJURY AT SITES OF INFECTION	\$1,573,092
2012	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	\$2,759,786
2012	UNIVERSITY OF VIRGINIA	VA	R01AI098126	Role of HCV in aberrant APC activation/function	\$392,100
2012	GEORGE WASHINGTON UNIVERSITY	VA	UM1AI069503	Terry Beirn CPCRA Clinical Trials Unit	\$6,102,474
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$374,947
2012	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$546,485
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$449,757
2012	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$373,015
2012	UNIVERSITY OF VIRGINIA	VA	R01AI052196	IMMUNE RESPONSE TO CAT: REGULATORY AND EFFECTOR T CELLS	\$360,108
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$1,426,933
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$661,190
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI101666	FUNCTIONAL CHARACTERIZATION OF ORIENTIA TSUTSUGAMUSHI ANKRYIN REPEAT PROTEINS	\$74,750
2012	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI095750	STRUCTURE AND FUNCTION ANALYSIS OF C1/C1Q AND MBL USING A NOVEL PEPTIDE INHIBITOR	\$183,125
2012	UNIVERSITY OF VIRGINIA	VA	R01AI093722	Pathways of plasma cell differentiation in autoimmunity	\$382,598
2012	UNIVERSITY OF VIRGINIA	VA	R01AI041644	ASSEMBLY OF THE HERPES SIMPLEX VIRUS CAPSID	\$294,857
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$243,933
2012	UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$382,321

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2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI099120	DYNAMICS AND MECHANISM OF MECHANICAL REGULATION OF BACTERIAL FLAGELLAR MOTOR SWIT	\$74,578
2012	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	K23AI093678	Oral Polio Vaccine Circulation in Mexico	\$126,630
2012	GEORGE WASHINGTON UNIVERSITY	VA	R03AI102837	ANTI-HIV ACTIVITY IN GENITAL TRACT SECRETIONS OF POSTMENOPAUSAL WOMEN	\$90,182
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI093718	Novel Functions of S1P in Neuroinflammation	\$373,750
2012	UNIVERSITY OF VIRGINIA	VA	R01AI030557	Molecular Mechanisms of Viral Membrane Fusion	\$519,918
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R03AI097676	AN HBC-VECTORED PEPTIDE-BASED CYTOMEGALOVIRUS VACCINE	\$74,750
2012	UNIVERSITY OF VIRGINIA	VA	U01AI026512	Long term Impact and Intervention for Diarrhea in Brazil	\$681,587
2012	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$128,817
2012	UNIVERSITY OF VIRGINIA	VA	K23AI074681	EVALUATION OF C. DIFFICILE SEVERITY IN EPIDEMIOLOGIC STUDIES & IN ANIMAL MODELS	\$128,817
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI085091	Antiviral Pathways in Disease Vector Mosquitoes	\$379,278
2012	UNIVERSITY OF VIRGINIA	VA	R21AI098028	Purine biosynthesis as a therapeutic target for Helicobacter pylori infection	\$197,083
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094289	HIGHLY FINISHED CHROMOSOME-BASED GENOME ASSEMBLY FOR ANOPHELES GAMBIAE	\$192,936
2012	GEORGE MASON UNIVERSITY	VA	R03AI093157	DEVELOPMENT OF AN HIV REV-DEPENDENT DUAL-REPORTER CELL FOR ANTI-HIV DRUG SCREENIN	\$70,745
2012	UNIVERSITY OF VIRGINIA	VA	K23AI097197	Improving Pediatric Tb Diagnosis and Management in Tanzania	\$129,707
2012	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$532,685
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FceRI-mediated allergic responses	\$256,419
2012	COLLEGE OF WILLIAM & MARY	VA	R15AI053062	EVOLUTION OF A BACTERIAL GENOME ENCODING INCREASED VIRULENCE: THE GENOMICS OF HEL	\$346,000
2012	UNIVERSITY OF VIRGINIA	VA	R01AI051420	ANTIBODY INDUCED T CELL-MEDIATED NEONATAL AUTOIMMUNITY.	\$371,213
2012	UNIVERSITY OF VIRGINIA	VA	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$513,204
2012	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$248,597
2012	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$67,216

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2012	UNIVERSITY OF VIRGINIA	VA	K08AI081900	BORDETELLA ADENYLATE CYCLASE TOXIN: THE ROLE OF CELL INTERACTION IN TOXIN FUNCTIO	\$129,789
2012	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$429,847
2012	UNIVERSITY OF VIRGINIA	VA	R01AI082024	MHC REGULATION OF NK CELL MEDIATED VIRUS IMMUNITY	\$379,012
2012	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$130,275
2012	GEORGE WASHINGTON UNIVERSITY	VA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$305,791
2012	GEORGE MASON UNIVERSITY	VA	R01AI081568	REGULATION OF COFILIN IN HIV-1 INFECTION OF HUMAN CD4 T CELLS	\$305,234
2012	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseases and Transplantation Training Grant	\$229,042
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI101619	THE SYSTEMS BIOLOGY OF IRON HOMEOSTASIS AND THE IMMUNE RESPONSE TO ASPERGILLUS	\$192,569
2012	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$853,214
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094071	THE ROLE OF THE MAJOR ALTERNARIA ALLERGEN ALT_A_1 IN AIRWAY INFLAMMATION	\$195,967
2012	GATACA LLC	VA	R44AI084307	Integrated software application for management of Hepatitis C Virus data	\$692,375
2012	UNIVERSITY OF VIRGINIA	VA	U01AI100799	An Evaluation of Treatment with Omalizumab to Improve the Asthmatic Response to a	\$1,209,960
2012	GEORGE WASHINGTON UNIVERSITY	VA	R01AI096978	CD8+ T cell effectors against microsporidia	\$413,850
2012	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI099843	RECOMBINATION-MEDIATED CASSETTE EXCHANGE IN AEDES AEGYPTI MOSQUITOES	\$230,460
2012	UNIVERSITY OF VIRGINIA	VA	K23AI099019	Clinical Impact of Anti-TB Drug Levels and M. Tuberculosis Susceptibility	\$129,870
2012	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$357,036
2012	UNIVERSITY OF VERMONT	VT	R01AI072021	MOLECULAR MECHANISM OF ENTAMOEBA HISTOLYTICA PHAGOCYTOSIS	\$295,010
2012	UNIVERSITY OF VERMONT	VT	R56AI094027	IL-6: AN INNATE IMMUNE REGULATOR FOR THE PLASTICITY OF TFH CELLS	\$441,315
2012	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$368,763
2012	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$184,363
2012	UNIVERSITY OF VERMONT	VT	R01AI080302	MOLECULAR REGULATION OF HIV-1 ASSEMBLY, RELEASE AND CELL-TO-CELL TRANSMISSION	\$368,763
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$1,228,777

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2012	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$385,521
2012	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$378,249
2012	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$875,729
2012	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$737,861
2012	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$157,694
2012	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$309,782
2012	UNIVERSITY OF WASHINGTON	WA	R01AI078802	Low-frequency HIV-1 Drug Resistance in Primary HIV-1 Infection	\$435,873
2012	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$315,055
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI087657	Regulatory T cell Modulation of Immunity to Mucosal Viral Infections	\$435,600
2012	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$361,636
2012	UNIVERSITY OF WASHINGTON	WA	K08AI089938	The Role of CD1a in Protecting Against Human Tuberculosis	\$126,892
2012	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$138,231
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI092121	ACQUISITION AND LOSS OF NEISSERIA MENINGITIDIS CARRIAGE IN HOUSEHOLDS IN MALI	\$83,643
2012	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$329,682
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI091129	INVESTIGATING THE ROLE OF CELLULAR SIGNALING IN LIVER-STAGE MALARIA INFECTION	\$54,187
2012	UNIVERSITY OF WASHINGTON	WA	F32AI096820	THE ROLE OF PHOP/PHOQ-REGULATED PHOSPHOLIPID ALTERATIONS IN SALMONELLA PATHOGENESIS	\$53,690
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI094129	RIBOSOME PROFILING OF TRYPANOSOMA BRUCEI	\$245,625
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI092120	Identification of vaccine candidates against severe malaria	\$480,000
2012	PHARMAIN CORPORATION	WA	R43AI094664	NANOCARRIER-FORMULATED NF-KB INHIBITORS FOR INFLAMMATORY DISEASES	\$299,973
2012	UNIVERSITY OF WASHINGTON	WA	R21AI091966	A HUMANIZED MOUSE MODEL OF TYPHOID FEVER	\$195,000
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$13,310,092
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI069481	Seattle-Lausanne-Kampala CTU	\$592,662
2012	KINETA INC	WA	R44AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$956,404

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2012	IASIS MOLECULAR SCIENCES LLC	WA	R43AI098214	Treatment of Wound Infection with Novel Uncharged Silver Carbene Complexes	\$298,369
2012	UNIVERSITY OF WASHINGTON	WA	R21AI091970	THE ROLE OF NOVEL BACTERIA IN MALE URETHRITIS	\$211,850
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$32,353,045
2012	UNIVERSITY OF WASHINGTON	WA	R21AI094412	NANOPARTICLE MICROBICIDES FOR DELIVERY OF COMBINATION ANTIRETROVIRAL DRUGS	\$220,503
2012	UNIVERSITY OF WASHINGTON	WA	R01AI096968	PrEP and protective immune responses against HIV-1	\$761,717
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$8,628,364
2012	UNIVERSITY OF WASHINGTON	WA	R21AI098497	SEROADAPTIVE BEHAVIORS AMONG MSM TO PREVENT HIV/STD	\$231,500
2012	UNIVERSITY OF WASHINGTON	WA	R01AI101084	Silencing and Counter-Silencing of Salmonella Virulence Genes	\$381,927
2012	SEATTLE CHILDREN'S HOSPITAL	WA	P01AI097100	Foamy Viral Gene Therapy for X-linked Severe Combined Immune Deficiency	\$2,385,885
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K23AI097234	CMV Entry-Specific Neutralizing Antibody in Primary Infection in Transplantation	\$130,680
2012	THE GENEVA FOUNDATION	WA	R01AI098933	Advancing a Lead Candidate Hantavirus Pulmonary Syndrome DNA Vaccine	\$660,960
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$483,694
2012	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$377,137
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$838,218
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$467,998
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI103981	CHARACTERIZATION OF HIV-1 ANTIBODY RESPONSES IN CHRONICALLY INFECTED WOMEN	\$677,450
2012	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$278,738
2012	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$412,560
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,021,461
2012	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$453,664
2012	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$493,942
2012	UNIVERSITY OF WASHINGTON	WA	K08AI076604	TLR 1 VARIATION AND THE IMMUNE RESPONSE TO MYCOBACTERIUM TUBERCULOSIS	\$130,680
2012	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	\$954,452

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	UNIVERSITY OF WASHINGTON	WA	U19AI088778	Center for the Study of Innate Immunity to HCV Infection	\$858,518
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$328,511
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076498	PROTECTIVE IMMUNITY INDUCED BY P. YOELII GENETICALLY ATTENUATED VACCINES	\$486,338
2012	UNIVERSITY OF WASHINGTON	WA	K24AI089794	Innate Immunogenetics & Human Infections	\$149,700
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	\$427,507
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$2,180,408
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI099930	DIFFERENCES IN INFECTING AND COLONIZING ENTEROBACTERIACEAE FROM SHORT-COURSE VS S	\$267,585
2012	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	\$1,177,234
2012	UNIVERSITY OF WASHINGTON	WA	F32AI088856	Inhibition of Hepatitis C Virus Infection by Interferon-induced Transmembrane Pro	\$53,942
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$440,000
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI042528	Cytotoxic T-Cell Responses to HSV in HIV-Infected Persons	\$453,463
2012	UNIVERSITY OF WASHINGTON	WA	R01AI099974	Assisted Partner Notification to Augment HIV Treatment and Prevention in Kenya	\$650,588
2012	UNIVERSITY OF WASHINGTON	WA	K01AI098527	Overcoming Barriers to HIV/AIDS Care and ART Initiation	\$129,792
2012	UNIVERSITY OF WASHINGTON	WA	R56AI101101	INTERACTION BETWEEN HSV-2 AND THE VAGINAL MICROBIOME IN THE FEMALE GENITAL TRACT	\$603,653
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053709	NEW INFECTION-RELATED PROTEINS OF PLASMODIUM SPOROZOITES AND LIVER STAGES	\$377,927
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$488,344
2012	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$214,422
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$668,316
2012	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$512,806
2012	UNIVERSITY OF WASHINGTON	WA	K08AI073739	PROGESTERONE & ESTROGEN DIFFERENTIALLY REGULATE DC FUNCTION IN LUPUS AUTOIMMUNITY	\$122,040
2012	UNIVERSITY OF WASHINGTON	WA	R01AI083034	MULTI-COMPONENT, TARGETED HIV PREVENTION FOR SUB-SAHARAN AFRICA: PREVENTIONRX	\$756,962

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2012	UNIVERSITY OF WASHINGTON	WA	K08AI080952	THE ROLE OF NOD1 AND NOD2 IN THE PATHOGENESIS OF LEGIONELLA PNEUMOPHILA PNEUMONI	\$130,680
2012	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI077357	PERSISTENT HIV-1 REPLICATION IN THE RESPIRATORY TRACT DESPITE ART	\$129,465
2012	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$1,143,206
2012	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$127,521
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	F31AI098424	Effect of Helicobacter pylori cell shape on pathogenesis	\$34,690
2012	UNIVERSITY OF WASHINGTON	WA	R21AI088516	NATURAL PHENOTYPIC DIVERSITY OF HCV NS3/4A PROTEASE	\$193,125
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI093418	Point-of-care concentration and detection of pathogen antigens in samples	\$558,622
2012	UNIVERSITY OF WASHINGTON	WA	R21AI094126	PATHOADAPTIVE MUTATIONS IN TREPONEMA PALLIDUM, THE SYPHILIS	\$192,916
2012	SPRINGSTAR INC	WA	R43AI096563	DEVELOPMENT OF AN AUTODISSEMINATION STATION FOR CONTROL OF MOSQUITO VECTORS	\$149,875
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI100989	GBS mediated in utero fetal injury	\$814,572
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R00AI079159	CD8 TAU CELL CONTRACTION AND MEMORY FORMATION	\$245,930
2012	UNIVERSITY OF WASHINGTON	WA	R03AI096129	NATURAL COMPETENCE AND GENETIC MANIPULATION OF TREPONEMA PALLIDUM	\$77,250
2012	UNIVERSITY OF WASHINGTON	WA	K01AI095060	HIV and Tuberculosis Transmission and Future Trends in the African Population in	\$128,476
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R33AI089405	Novel HIV 1 Envelope immunogens derived from broadly neutralizing plasmas	\$553,569
2012	UNIVERSITY OF WASHINGTON	WA	R01AI039557	NITRIC OXIDE CYTOTOXICITY IN SALMONELLOSIS	\$508,622
2012	UNIVERSITY OF WASHINGTON	WA	R01AI054384	BIOCHEMISTRY OF PROTEIN PRENYLATION	\$611,813
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$1,182,826
2012	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$689,435
2012	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$679,593
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$423,338
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54CA163438	Immune Mediated Disorders After Allogeneic Hematopoietic Cell Transplants (HCT)	\$1,250,000
2012	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$5,000
2012	UNIVERSITY OF WASHINGTON	WA	K23AI087206	Intense Validation of a Mathematical Model of Herpes Simplex Virus-2 Pathogenesis	\$127,996
2012	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,843,342

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2012	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$674,995
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$403,429
2012	UNIVERSITY OF WASHINGTON	WA	R01AI089441	Calcium Dependent Protein Kinase 1 as a drug target for T. gondii and C. parvum	\$992,830
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	\$579,344
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI092423	CHARACTERIZATION OF IMMUNE DEFICIENCY IN CONGENITAL BONE MARROW FAILURE SYNDROMES	\$107,045
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$539,529
2012	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$1,159,185
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$512,750
2012	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	\$823,047
2012	WASHINGTON STATE UNIVERSITY	WA	R21AI096103	CONFORMATIONAL CHANGE IN HSV GLYCOPROTEIN B	\$217,126
2012	UNIVERSITY OF WASHINGTON	WA	F32AI096759	Defining the role of the Inflammasome in immunity against Flavivirus Infection	\$53,942
2012	UNIVERSITY OF WASHINGTON	WA	R21AI098648	A NANOGUARD VAGINAL MATRIX AS A DUAL-PROTECTION CONTRACEPTIVE MICROBICIDE	\$212,278
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI100018	Myeloid-derived Suppressor cells (MDSC) suppress infant immune responses	\$474,848
2012	UNIVERSITY OF WASHINGTON	WA	R21AI097950	THE RELATIONSHIP BETWEEN TCR REVISION AND FOLLICULAR HELPER T CELLS	\$192,916
2012	UNIVERSITY OF WASHINGTON	WA	R33AI088597	Engineering antiviral innate immunity for safe and effective microbicides	\$392,986
2012	THE GENEVA FOUNDATION	WA	R21AI101387	TARGETING CELLULAR PROCESSES TO COUNTER THE EFFECTS OF BONT INTOXICATION	\$155,436
2012	WASHINGTON STATE UNIVERSITY	WA	R21AI094329	DISSECTING THE EARLY STEPS OF THE NIPAH VIRUS FUSION CASCADE	\$225,875
2012	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI099188	Chemical probes of vulnerable pathways in antibiotic-resistant pathogens	\$747,835
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI101936	ROLE OF INTERLUKIN 23 AND INNATE LYMPHOID CELLS IN PROTECTIVE IMMUNITY	\$291,000
2012	UNIVERSITY OF WASHINGTON	WA	R01AI098943	Innate Immune Antivirals for Biodefense	\$1,506,330
2012	UNIVERSITY OF WASHINGTON	WA	R37AI054503	Host responses to Mycobacterium infection in Zebrafish.	\$386,041

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2012	UNIVERSITY OF WASHINGTON	WA	R56AI093746	MECHANISMS OF CD8+ T CELL IMMUNE SURVEILLANCE IN HUMAN GENITAL SKIN AND MUCOSA AF	\$317,533
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI067750	HOMING AND HOMEOSTASIS OF REGULATORY T CELLS	\$426,750
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$787,287
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI053193	CD8+ T CELL IMMUNITY TO CYTOMEGALOVIRUS	\$501,799
2012	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$3,176,229
2012	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$348,555
2012	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$2,464,650
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$751,076
2012	UNIVERSITY OF WASHINGTON	WA	R01AI078781	REGULATION OF APOBEC3G ENZYMATIC ACTIVITY IN HIV-INFECTED PRIMARY HUMAN T CELLS	\$374,460
2012	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$799,505
2012	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI078934	THE IMMUNOPATHOGENESIS OF HIV-RELATED IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME	\$104,782
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI090783	IDENTIFYING, CHARACTERIZING AND INDUCING EFFECTIVE ANTI-HIV T CELL RESPONSES	\$569,726
2012	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R01AI097038	Recombinase Polymerase Amplification for Point-of-Care Diagnosis of Infant HIV-1	\$396,708
2012	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	\$126,864
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	\$4,033,771
2012	VIRTICI CORPORATION	WA	R43AI100360	A BLOOD TEST FOR PRE-SYMPTOMATIC DETECTION OF SEPSIS	\$299,973
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI097786	B7-BASED, CD28 OR CTLA-4-SPECIFIC AGONISTS AND ANTAGONISTS FOR TOLERANCE INDUCTIO	\$213,089
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI097832	FOAMY VIRUS ZONOTIC TRANSMISSION FROM NEW WORLD MONKEYS	\$283,510
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI101832	Discovering tissue-specific biomarkers of radiation injury in SILAC-labeled mice	\$440,000
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI099872	NOVEL AAV-BASED TOOLS FOR LIVER IMMUNOLOGY	\$236,250
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101990	Defining the role of altered cytokine signaling pathways on autoimmunity	\$2,450,784

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2012	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071163	LENTIVIRAL GENE THERAPY FOR WISKOTT-ALDRICH SYNDROME	\$715,496
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$498,432
2012	WASHINGTON STATE UNIVERSITY	WA	R01AI053692	IMMUNOGENICITY OF THE TYPE IV SECRETIN SYSTEM	\$366,312
2012	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$507,930
2012	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$374,928
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$481,474
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI080326	DEVELOPMENT OF NOVEL AIDS GENE THERAPY STRATEGIES IN THE MACAQUE SHIV MODEL	\$564,464
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$3,614,345
2012	TRIA BIOSCIENCE CORPORATION	WA	R44AI081383	PROTECTIVE VACCINE FOR H5N1 FLU USING H5 PROTEIN AND A NOVEL TLR4 AGONIST.	\$1,000,000
2012	UNIVERSITY OF WASHINGTON	WA	R01AI099106	Impact of suppressive antimicrobial therapy on the vaginal microbiota and BV	\$589,106
2012	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$1,489,907
2012	UNIVERSITY OF WASHINGTON	WA	R21AI096058	THE GENDER SPECIFIC PREVALENCE OF MULTIPLE STRAIN GENITAL HSV-2 INFECTION	\$231,750
2012	UNIVERSITY OF WASHINGTON	WA	R01AI097177	Optimization of methionyl-tRNA synthetase inhibitors for human African trypanosomiasis	\$611,388
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI084457	Lentiviral Gene Therapy of X-Linked Agammaglobulinemia	\$588,718
2012	UNIVERSITY OF WASHINGTON	WA	R21AI097514	CD180 AND THE MACROPHAGE RESPONSE TO LEGIONELLA PNEUMOPHILA	\$231,500
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI099936	Poxviral antagonism of the IFIT-mediated antiviral response	\$220,000
2012	UNIVERSITY OF WASHINGTON	WA	R01AI099280	Chemical Genomics for Antimalarial Targets	\$516,297
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI094839	Elucidation of a bacterial cell shape generating program and pathogenic functions	\$423,554
2012	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$473,325
2012	WASHINGTON STATE UNIVERSITY	WA	R21AI097974	MOLECULAR MECHANISMS OF YERSINIA PESTIS PERSISTENCE IN THE FLEA VECTOR	\$188,230
2012	PHARMAIN CORPORATION	WA	R43AI098137	VASOACTIVE INTESTINAL PEPTIDE FOR THE TREATMENT OF PSORIASIS	\$226,765
2012	UNIVERSITY OF WASHINGTON	WA	UM1AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,255,138

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2012	WASHINGTON STATE UNIVERSITY	WA	R21AI101230	MUTATIONAL ANALYSIS OF THE VLP/VSP ANTIGENIC VARIATION SYSTEM OF THE RELAPSING FE	\$217,581
2012	UNIVERSITY OF WASHINGTON	WA	R56AI097311	DEFENSINS IN INNATE IMMUNITY TO VIRUSES	\$298,862
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI052319	T CELL MODULATION BY NKG2D	\$431,244
2012	UNIVERSITY OF WASHINGTON	WA	R01AI043060	CHLAMYDIA PNEUMONIAE ANTIGENS OF BIOLOGICAL SIGNIFICANCE	\$382,239
2012	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$415,116
2012	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$559,326
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$418,686
2012	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$471,989
2012	UNIVERSITY OF WASHINGTON	WA	R01AI084803	DESIGN AND FUNCTION OF FLAGELLIN-BASED IMMUNOGENS FOR BROADLY NEUTRALIZING IMMUNI	\$527,603
2012	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,065,365
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	\$989,357
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI078962	GENOME WIDE ASSESSMENT OF ESSENTIAL GENES IN TRYPANOSOMA BRUCEI	\$832,913
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K25AI087397	Computational Approaches to Studying Immunodominance.	\$123,905
2012	UNIVERSITY OF WASHINGTON	WA	K08AI087969	Female Genital Innate Immune Response to Vaginal Microbiota	\$127,116
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI089341	STATISTICAL METHODS IN HIV/AIDS RESEARCH	\$418,082
2012	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$379,042
2012	UNIVERSITY OF WASHINGTON	WA	R21AI095023	The Role of Exosomes in Semen for HIV Infection in the Genital Mucosa of Women	\$192,500
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$5,673,078
2012	UNIVERSITY OF WASHINGTON	WA	K01AI087369	Vertical CMV transmission in the setting of maternal HIV-1 infection in Kenya	\$127,116
2012	SYNTRIX BIOSYSTEMS INC	WA	R43AI088812	TRANSITION-STATE ANALOGUE INHIBITORS OF DIHYDROFOLATE SYNTHETASE FOR MDR/XDR TB	\$280,745
2012	UNIVERSITY OF WASHINGTON	WA	F32AI096623	DEFINING THE ROLE OF PERSISTENT ANTIGEN PRESENTATION IN CD8 T CELL MEMORY DEVELOP	\$55,670
2012	UNIVERSITY OF WASHINGTON	WA	R21AI097702	RECOMBINATION IN A MINIMAL ORGANISM	\$230,115

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2012	UNIVERSITY OF WASHINGTON	WA	R01AI084004	Selective inhibition of tRNA synthetases from pathogenic protozoa	\$704,281
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$509,827
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	\$407,670
2012	INBIOS INTERNATIONAL, INC	WA	R41AI102482	ANTIGEN DETECTION ASSAY FOR THE DIAGNOSIS OF MELIOIDOSIS	\$299,699
2012	PHARMAIN CORPORATION	WA	R43AI098130	NANOCARRIER FORMULATED ENZYME FOR THE TREATMENT OF S. AUREUS INFECTION	\$300,000
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI098625	DOUBLE-NEGATIVE T CELLS IN SIV AND HIV INFECTIONS	\$630,194
2012	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$379,621
2012	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus	\$386,100
2012	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$8,285,349
2012	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$386,250
2012	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$429,243
2012	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular characterization of the role for T-bet and Bcl-6 in immune cell metabolism and differentiation	\$347,490
2012	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$377,979
2012	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$182,894
2012	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$552,036
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,335,139
2012	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	U01AI081895	DETECTION OF TOXINS: A COMBINED ELISA MICROARRAY AND ACTIVITY ASSAY PLATFORM	\$478,247
2012	UNIVERSITY OF WASHINGTON	WA	R01AI080625	GLYCOGEN SYNTHASE KINASE-3 AS A DRUG TARGET FOR TRYPANOSOMA BRUCEI	\$382,239
2012	UNIVERSITY OF WASHINGTON	WA	R03AI101467	ESTABLISHING AND CHARACTERIZING BAFF RFP REPORTER AND BAFF KNOCKIN MICE	\$89,000
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI084556	ASSESSMENT OF CD4 NEGATIVE T CELL FUNCTION IN SIV INFECTED PRIMAGE MODELS	\$57,734
2012	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$381,023
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$487,479
2012	UNIVERSITY OF WASHINGTON	WA	K24AI087399	HIV-1 and Protective Immunity against Common Childhood Pathogens	\$129,907
2012	UNIVERSITY OF WASHINGTON	WA	F32AI100384	HEPATITIS C VIRUS GENETIC DIVERSITY AND MODULATION OF INNATE IMMUNITY	\$49,214

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$311,664
2012	UNIVERSITY OF WASHINGTON	WA	R01AI094019	Genomic systems approach to measure HSV-1-specific T-cell dominance in humans	\$304,726
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI083455	Impact of the autoimmunity associated PTPN22 1858T	\$445,835
2012	UNIVERSITY OF WASHINGTON	WA	R03AI094122	FUNCTIONAL CONSEQUENCE OF MACROLIDE RESISTANCE MUTATIONS IN T. PALLIDUM	\$78,000
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI098039	HOST MANIPULATION BY THE MYCOBACTERIUM TUBERCULOSIS PHOSPHATASE PTPB	\$321,419
2012	TRIA BIOSCIENCE CORPORATION	WA	R43AI098290	CROSS-PROTECTIVE MONOCLONAL ANTIBODIES FOR TREATMENT OF PANDEMIC FLU	\$300,000
2012	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI101984	Extracellular matrix and immune regulation in autoimmune diabetes	\$426,750
2012	UNIVERSITY OF WASHINGTON	WA	R01AI093646	Pulmonary Defenses Against Intracellular Infection	\$386,146
2012	IMMUSOFT CORPORATION	WA	R41AI098603	TESTING OF NOVEL SYSTEM TO DELIVER VRC01 IN MOUSE MODEL	\$300,000
2012	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K22AI093789	CONSTRAINTS ON THE EVOLUTION OF INFLUENZA OSELTAMIVIR RESISTANCE	\$106,162
2012	WASHINGTON STATE UNIVERSITY	WA	R21AI094315	DEVELOPMENT OF A MALARIAL KINASE-ON-PHAGE SCREENING PLATFORM	\$218,850
2012	UNIVERSITY OF WASHINGTON	WA	R01AI101307	Investigating treatment resistance mechanisms in chronic bacterial infections	\$604,576
2012	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$540,160
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$418,172
2012	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$381,623
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI096070	MINING A COLLECTION OF SOIL AMOEBAE FOR ANTIBACTERIA AGENTS	\$181,745
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI093935	ANALYSIS OF HUMAN NKT CELLS IN GVHD IN VIVO	\$225,750
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI101611	BRUCELLA TIR PROTEIN RECRUITS A UBIQUITIN LIGASE TO TLR ADAPTOR PROTEIN TIRAP	\$75,250
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$290,957
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI069274	TRANSMISSIBILITY OF AVIAN INFLUENZA VIRUSES IN MAMMALS	\$575,009
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$346,749

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$338,580
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$360,059
2012	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$399,391
2012	SCARAB GENOMICS LLC	WI	R44AI088981	INNATE IMMUNE PROTECTION BY CLEAN GENOME E. COLI	\$737,476
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$419,513
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097172	Sinusitis in Children and the Nasopharyngeal Microbiome	\$764,517
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI091921	THE LYSOSOME OF TRYPANOSOMA BRUCEI: A PROTEOMIC ANALYSIS	\$222,750
2012	CDI BIOSCIENCE INC	WI	R01AI093354	HIGH-EXPRESSION, RAPID PRODUCTION OF INFLUENZA VACCINES IN CELL-BASED SYSTEMS	\$297,690
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI102456	Tomotherapy and Hematopoietic Stem Cells For Tolerance to Kidney Transplants	\$2,013,897
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$363,862
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$382,500
2012	CONCORDIA UNIVERSITY WISCONSIN	WI	R15AI101975	Structural Characterization of the M. tuberculosis Thioredoxin System	\$382,660
2012	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$20,000
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$379,546
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI089370	Pathogenesis of Cryptococcus Spores	\$363,696
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	\$363,257
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI093115	FRANCISELLA INFECTION IN TICKS	\$229,500
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R13AI102511	2012 MIDWEST MICROBIAL PATHOGENESIS CONFERENCE (MMPC)	\$8,000
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI101898	Innovative Biomarkers to Predict Radiation Lung Injury	\$385,393
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI097884	GENETIC TOOLS FOR MANIPULATION OF MOSQUITOES	\$213,125
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI097619	ENTEROCOCCUS NICHE FORMATION IN THE GI TRACT	\$229,500
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI097207	Autoantibody production and regulatory T cells	\$378,260
2012	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R56AI098136	PERMISSIVE SPECIFICITY IN PEPTIDE BINDING TO HLA-DR	\$313,125

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2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$320,631
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048785	REGULATION OF CD8 T CELL IMMUNITY BY CDK INHIBITOR P27KIP1	\$409,221
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$295,674
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$356,014
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080598	MOLECULAR MECHANISMS FOR THE HIGH PATHOGENICITY OF 1918 INFLUENZA VIRUS	\$640,878
2012	LUCIGEN CORP	WI	R21AI100182	RAPID FIELD APPROPRIATE DIAGNOSTICS FOR SELECT BIODEFENSE AND EMERGING PATHOGENS	\$227,392
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI092004	Rapid Analytics for Endotoxin using Liquid Crystalline Droplets	\$181,745
2012	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R33AI080557	ACTIVATED PROTEIN C FOR TREATMENT OF RADIATION COMBINED INJURY	\$406,085
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI101313	THERAPEUTIC DELIVERY PLATFORMS AGAINST BOTULISM	\$191,274
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI092460	CROSS-PROTECTIVE IMMUNITY TO AFRICAN TRYPANOSOMES	\$181,745
2012	BIOSENTINEL LLC	WI	R44AI081531	A CELL-BASED ASSAY FOR BOTULINUM NEUROTOXIN DETECTION AND DEVELOPMENT	\$345,570
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI097597	FRANCISELLA - ATII INTERACTIONS IN RESPIRATORY TULAREMIA	\$187,646
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI101976	PROGRAMMING OF PROTECTIVE CD8 T-CELL MEMORY BY LIVE AND ADJUVANTED SUBUNIT VACCIN	\$221,710
2012	FLUGEN INC	WI	R43AI092937	A HIGH-GROWTH PR8 VIRUS FOR PANDEMIC VACCINE PRODUCTION IN ST6-VERO CELLS	\$220,126
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$372,438
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$217,693
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI078713	DISSECTION OF CELLULAR INTERACTIONS IN T1DM WITH INTEGRATED FUNCTIONAL GENOMICS	\$371,101
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080675	Retinoblastoma (Rb) protein pathway in human cytomegalovirus infected cells	\$356,014
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI072023	CYTOKINES IN T REGULATORY CELL FUNCTION	\$134,325
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal T17 cells	\$432,606
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI093509	Cell-Binding Adhesins of Leptospira interrogans	\$191,250
2012	STRATATECH CORPORATION	WI	R44AI090778	DEVELOPMENT OF AN ANTIMICROBIAL CELLULAR THERAPEUTIC FOR INHIBITION OF BIOFILM FO	\$980,388

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2012	LUCIGEN CORP	WI	R44AI085840	Random Shear Shuttle BAC Libraries for Antimicrobial Discovery from Soil Metageno	\$1,000,000
2012	LUCIGEN CORP	WI	R44AI081467	Point of Care Detection of Respiratory Viruses	\$995,154
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$376,250
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$359,855
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$200,350
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI097157	Peptidoglycan metabolism and fragment release	\$484,053
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI081692	Intrinsic Resistance to antimicrobials in Enterococcus faecalis	\$376,200
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	\$446,102
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI094110	ENCAPSIDATION OF THE POXVIRUS GENOME	\$191,250
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI095274	Characterization of Botulinum Neurotoxin A Subtypes	\$429,052
2012	SCARAB GENOMICS LLC	WI	R43AI094823	TOXOID ADJUVANT CRM197 PRODUCTION IN A STABLE REDUCED GENOME E. COLI STRAIN	\$140,925
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$481,438
2012	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$399,391
2012	CLINICAL IMMUNOLOGY SOCIETY	WI	R13AI100548	2ND NORTH AMERICAN MEETING BY CIS DEVOTED TO PRIMARY IMMUNE DEFICIENCY.	\$5,000
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$319,871
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI084787	DEFINING THE IMPORTANCE OF CD8+ T CELL BREADTH IN SIV/HIV PROTECTIVE IMMUNITY	\$696,003
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074940	ANALYSIS OF HUMAN NKT CELL AUTO-ANTIGENS	\$359,141
2012	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI088001	ANTIVIRAL POTENTIAL OF HELICASE INHIBITORS	\$365,558
2012	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI093008	FOCIS Educational Courses: Basic Immunology in Medicine Update, Interventional Im	\$12,000
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$344,250
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI099539	CELL SEPARATION IN NEISSERIA GONORRHOEAE	\$188,125
2012	MINITUBE OF AMERICA	WI	R42AI082853	GalT-KO Pigs Expressing Primate CD47 to Facilitate Organ Xenografts	\$1,000,000

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2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI101560	ROLE OF FHL-MEDIATED FORMATE METABOLISM IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$226,204
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$391,828
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI094923	CYTOSKELETAL REGULATION OF T CELL-APC INTERACTIONS	\$409,835
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$673,647
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$133,727
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$367,370
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$378,658
2012	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI090308	CHARACTERIZATION OF A NOVEL REGULATORY PROTEIN IN M. TUBERCULOSIS	\$181,745
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F31AI098402	Role of CMV kinase in regulating infection of ESC-derived neuroprogenitor cells	\$44,322
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F32AI092977	CM F32 12-08-10 RESUBMISSION	\$55,670
2012	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R03AI090339	DUAL-FUNCTION BIOCATALYSTS FOR THE SYNTHESIS OF ENGINEERED ANTI-MRSA ANTIBIOTICS	\$73,850
2012	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI084873	Analysis of the Borrelia burgdorferi Integrin Ligand P66	\$382,500
2012	WEST LIBERTY STATE COLLEGE	WV	K22AI087703	FRANCISELLA TULARENSIS INVASION OF HUMAN ERYTHROCYTES	\$157,920
2012	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI093917	THE NOVEL CROSS-LINKING OF THE FLAGELLAR HOOK PROTEIN OF BORRELIA BURGDORFERI	\$185,000
2011	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$0
2011	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$0
2011	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$0
2011	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$0
2011	FUNDACAO FACULDADE DE MEDICINIA		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$0
2011	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$0
2011	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$0
2011	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$0

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2011	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$0
2011	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$0
2011	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$0
2011	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$0
2011	UNIVERSITY OF DURHAM		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$261,115
2011	QUEEN'S UNIVERSITY KINGSTON		R01AI048626	MODULATION OF CELL SIGNALING PATHWAYS BY ALPHAHERPESVIRUS TEGUMENT COMPONENTS	\$0
2011	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	-\$400,000
2011	ST GEORGES HOSPITAL MEDICAL SCHOOL		R21AI094515	MUCOSAL TISSUE EXPLANTS AS SURROGATES FOR IN VIVO EFFICACY OF MICROBICIDES	-\$180,068
2011	U OF L IMPERIAL COL OF SCI/TECHNLGY/MED		R21AI094515	MUCOSAL TISSUE EXPLANTS AS SURROGATES FOR IN VIVO EFFICACY OF MICROBICIDES	\$180,068
2011	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		U01AI069438	THE IMPACTA PERU CLINICAL TRIALS UNIT	\$0
2011	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2011	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$0
2011	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$0
2011	UNIVERSITY OF UPPSALA		U01AI065192	INNATE IMMUNITY IN CLINICAL ISLET TRANSPLANTATION: A CLINICAL STUDY (CIT0-01) IN	\$0
2011	INSTITUTO DE EFECTIVIDAD CLINICA Y SANITARIA		R01AI083229	PATIENT AND SYSTEM FACTORS ASSOCIATED WITH SUCCESSFUL TREATMENT OF TUBERCULOSIS	\$0
2011	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$0
2011	UNIVERSIDAD PERUANA CAYETANO		P50AI074285	INNOVATIVE APPROACHES TO DIAGNOSIS AND CONTROL OF CHAGAS DISEASE (PERU TMRC)	\$0
2011	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	-\$273,756
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI094604	Penile transmission and neutralization of pathogenic SIV _{smm}	-\$556,586

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2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI090264	GENERATION AND CHARACTERIZATION OF HUMAN CYTOKINE-PRODUCING B CELL EFFECTORS	\$29,269
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087383	CLONING, CHARACTERIZATION AND IN VIVO TESTING OF MUCOSALLY TRANSMITTED SIV	-\$96,045
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K02AI076123	HETEROGENEITY IN CYTOKINE RESPONSES TO HIV-1 INFECTION	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	-\$324,645
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	-\$2,501,661
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	-\$626,967
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI031473	IMPACT OF A NEW GROUP 6 SEROTYPE ON PNEUMOCOCCAL VACCINES	\$0
2011	SOUTHERN RESEARCH INSTITUTE	AL	R21AI090397	MECHANISM OF METHYLTHIOADENOSINE NUCLEOSIDASE-MEDIATED INHIBITION OF BIOFILM FORM	\$0
2011	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	-\$175,345
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI094168	MOLECULAR GENETIC CONTROL OF THE IMMATURE FEMALE MOSQUITO VECTOR	\$0
2011	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI082815	SCREENING TEST FOR HPV+ HEAD AND NECK CANCER	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$0
2011	COLBY PHARMACEUTICAL COMPANY	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$1,438,772
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$0
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$173,069
2011	VLP BIOTECH INC	CA	R43AI088919	A THERAPEUTIC VACCINE FOR CHRONIC HEPATITIS B	\$0
2011	STANFORD UNIVERSITY	CA	R21AI090448	MICROFLUIDIC DIAGNOSTICS FOR PRIMARY IMMUNODEFICIENCY	\$0
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI094814	A CHEMICAL REPORTER STRATEGY TO PROBE TREHALOSE-CONTAINING METABOLITES IN MYCOBAC	-\$46,345
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI081901	TOWARDS A STRUCTURAL SYSTEMS BIOLOGY APPROACH FOR ANTI-TRYPANOSOMAL THERAPEUTICS	-\$75,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	F32AI096824	SPHINGOSINE ANALOGS ABORT CYTOKINE STORM FOLLOWING INFLUENZA VIRUS INFECTION	-\$48,398

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	AMPLYX PHARMACEUTICALS INC	CA	R43AI096844	A COMBINATION THERAPY APPROACH TO TREATING DRUG RESISTANT FUNGAL INFECTIONS	\$0
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	-\$133,919
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,919
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI090200	HCMV INFECTION AND IMMUNE MODULATION IN A HUMAN PLACENTATION MODEL IN SCID MICE	\$0
2011	AVIDBIOTICS CORPORATION	CA	R43AI088979	TARGETED SOLUBLE MICA MOLECULES TO RECRUIT INNATE IMMUNITY CELLS TO KILL SPECIFIC	\$0
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$5,000
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI095587	HOST-PATHOGEN INTERACTIONS BETWEEN SALMONELLA AND TOLL-LIKE RECEPTORS	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	-\$97,628
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	-\$10,952
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$0
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$518,859
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$0
2011	UNIVERSITY OF CALIFORNIA	CA	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	\$86,129
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$140,113
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI084372	SMALL MOLECULE ACTIVATION OF INNATE IMMUNITY BY LISTERIA MONOCYTOGENES	-\$27,578
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI089397	QUANTIFICATION OF HIV-1 RESERVOIRS IN THE GUT	-\$125,010
2011	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$0
2011	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	-\$1,438,772
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	-\$3,848
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$330,621
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI095004	THE ROLE OF ENVELOPE PHOSPHATIDYL SERINE IN THE BINDING OF HIV TO TARGET CELLS	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI095324	DISCOVERY OF OXABORoles AS NEW ANTIMALARIAL AGENTS	\$0
2011	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI020720	MECHANISMS OF CHRONIC HEPATITIS B INFECTION AND THERAPEUTIC VACCINES	\$0
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI073488	HUMAN GENETIC SUSCEPTIBILITY TO TROPICAL INFECTIOUS DISEASES	\$0
2011	SCRIPPS RESEARCH INSTITUTE	CA	K08AI091641	GENETIC DISSECTION OF VIRAL PERSISTENCE	-\$53,552
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R03AI090428	BIOINFORMATIC STRATEGY TO IDENTIFY CALCINEURIN INTERACTORS IN THE HUMAN PROTEOME	\$66,759
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K22AI081901	TOWARDS A STRUCTURAL SYSTEMS BIOLOGY APPROACH FOR ANTI-TRYPANOSOMAL THERAPEUTICS	\$75,000
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R56AI095395	HEMOPHAGOCYTIC MACROPHAGES AND SYSTEMIC SALMONELLA INFECTION	\$0
2011	NATIONAL JEWISH HEALTH	CO	R56AI065638	ACTIVE SUBVERSION OF INNATE IMMUNITY BY BACTERIAL LYSM PROTEIN	\$0
2011	COLORADO STATE UNIVERSITY	CO	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$191,920
2011	NATIONAL JEWISH HEALTH	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	-\$4,053
2011	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$0
2011	NATIONAL JEWISH HEALTH	CO	R01AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$0
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI092540	DEVELOPMENT OF NOVEL NUCLEOSIDE TRIPHOSPHATE PRODRUGS	\$875
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$0
2011	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	-\$37,437
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R00AI080868	VISUALIZING ENDOGENOUS CD8 T CELL MIGRATION TO INFECTION	\$1,627
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$0

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2011	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	\$0
2011	HOWARD UNIVERSITY	DC	F31AI091551	PHOSPHORYLATION OF CDK9 BY CDK2 IN HIV-1 REPLICATION	-\$4,676
2011	UNIVERSITY OF MIAMI	FL	R37AI052056	The Functional Significance of CTL Escape	\$56,489
2011	UNIVERSITY OF FLORIDA	FL	K99AI095302	SURVIVAL ANALYSIS AND REGRESSION IN INFECTIOUS DISEASE EPIDEMIOLOGY	\$96,237
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI038178	REGULATION OF VIRULENCE FACTORS IN BARTONELLA HENSELAE	\$0
2011	UNIVERSITY OF FLORIDA	FL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$725,978
2011	UNIVERSITY OF MIAMI	FL	R56AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	\$693,112
2011	UNIVERSITY OF MIAMI	FL	R56AI095255	ROLE OF TRIF-DEPENDENT TLR SIGNALING IN INTESTINAL IMMUNITY	\$0
2011	EMORY UNIVERSITY	GA	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$84,405
2011	EMORY UNIVERSITY	GA	R56AI091805	CAP SNATCHING MECHANISM OF ARENAVIRUSES	-\$283,233
2011	EMORY UNIVERSITY	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	-\$467,313
2011	EMORY UNIVERSITY	GA	U19AI096187	B-cell Biology of Mucosal Immune Protection from SIV Challenge	\$0
2011	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R56AI087782	NOVEL NANOTECHNOLOGY BASED ORAL INFLUENZA VACCINES	\$417,740
2011	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$0
2011	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$0
2011	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$0
2011	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$0
2011	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$438,366
2011	EMORY UNIVERSITY	GA	R56AI070101	MECHANISMS OF HEPATITIS C VIRUS PERSISTENCE	\$0
2011	EMORY UNIVERSITY	GA	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	-\$429,672
2011	EMORY UNIVERSITY	GA	R56AI087782	NOVEL NANOTECHNOLOGY BASED ORAL INFLUENZA VACCINES	-\$438,503
2011	EMORY UNIVERSITY	GA	R56AI064462	EPITHELIAL SPECIFIC UBIQUITINATION EVENTS	\$0
2011	UNIVERSITY OF IOWA	IA	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	\$252,465

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2011	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$0
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	-\$216,500
2011	UNIVERSITY OF IOWA	IA	R56AI093737	ROLE OF THE DEVELOPMENTAL REGULATOR GON4-LIKE IN B LYMPHOPOIESIS	\$0
2011	UNIVERSITY OF IDAHO	ID	R01AI089808	DISSECTING A NOVEL MECHANISM OF DRUG-INDUCED DEATH IN TOXOPLASMA GONDII	-\$115,000
2011	BIOTRACKING LLC	ID	R43AI093048	ENHANCED SURFACE-BOUND BIOLOGICAL ACTIVITY USING A NANOSPRING PLATFORM	\$0
2011	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI088609	EPIGENOME ASSOCIATION STUDY OF FOOD ALLERGY	-\$55,958
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI095488	PEPTIDE-BASED QUORUM SENSING CONTROLLING VIRULENCE IN BACILLUS ANTHRACIS	\$0
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$0
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	-\$349,718
2011	IMMUVEN INC	IL	R43AI088786	SOLUBLE HIGH-AFFINITY T CELL RECEPTORS PREVENT MRSA LETHALITY	\$0
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R56AI065361	VPU INHIBITS NK CELL FUNCTION THROUGH DOWN REGULATION OF NTB-A	\$0
2011	MIDWESTERN UNIVERSITY	IL	R03AI088342	ROLE OF CD8+ T CELLS IN REPRODUCTIVE SEQUELAE INDUCED BY CHLAMYDIA INFECTION	\$71,528
2011	UNIVERSITY OF CHICAGO	IL	R21AI087559	SYSTEMS FOR STUDYING THE MOBILITY OF THE SCCMEC ELEMENT IN MRSA	\$0
2011	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$0
2011	UNIVERSITY OF CHICAGO	IL	F32AI096769	Molecular assemblies as immunomodulators	\$0
2011	NORTHWESTERN UNIVERSITY	IL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	-\$699,999
2011	NORTHWESTERN UNIVERSITY	IL	R56AI020201	THE STRUCTURE AND FUNCTION OF THE INFLUENZA VIRUS GENOME	\$0
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI094234	NEUTROPHIL EXTRACELLULAR TRAPS AND HAEMOPHILUS DUCREYI	\$42
2011	TECHSHOT INC	IN	R43AI096572	ELECTRICAL SYSTEM FOR RAPID BACTERIAL CULTURES	\$0
2011	PURDUE UNIVERSITY	IN	R01AI039639	PROTEIN STABILITY AND ANTIVIRAL ACTIVITY IN HUMAN RHINOVIRUS	\$0
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI085258	PROGRESSION OF AUTOIMMUNITY DURING PUBERTY IN SLE	\$164,421
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$745,933

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2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI088585	PLANT-PRODUCED ACTINOHIVIN AS A CANDIDATE HIV MICROBICIDE	\$0
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$0
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085140	REGULATORY T-CELLS AND CHRONIC COLITIS	-\$181,294
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$124,822
2011	BOSTON COLLEGE	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$47,263
2011	BETH ISRAEL HOSPITAL	MA	R21AI083762	PATHOGENESIS OF CUTANEOUS LUPUS ERYTHEMATOSUS	\$0
2011	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$0
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI087666	ROLE OF IL-4R-ALPHA SIGNALING IN FOOD ALLERGEN SENSITIZATION AND ANAPHYLAXIS	\$0
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	-\$5,947
2011	BETH ISRAEL HOSPITAL	MA	U19AI095985	Consortium for AIDS Vaccine Research in Nonhuman Primates	\$0
2011	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	-\$30,168
2011	IMMUNE DISEASE INSTITUTE INC	MA	R56AI095686	STRUCTURAL VACCINOLOGY OF THE MALARIA SPOOROZOITE SURFACE SHEATH	\$0
2011	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI080099	DEFINING THE MECHANISM OF ACTION OF SANGLIFEHRIN A	-\$14,254
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	-\$115,920
2011	BOSTON COLLEGE	MA	R01AI095092	Intrinsic Immunity and AIDS	\$579,981
2011	BOSTON UNIVERSITY	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Feve	-\$1,232
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	-\$136,375
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$0
2011	BETH ISRAEL HOSPITAL	MA	K08AI083079	INDUCTION OF MUCOSAL CELLULAR IMMUNITY BY HIV-1 VACCINE VECTORS	-\$126,630
2011	TUFTS UNIVERSITY	MA	R01AI088748	Development of Vaccines against Clostridium difficile Infection	-\$380,723
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$332,839
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$0
2011	BETH ISRAEL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$0

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2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$0
2011	BOSTON MEDICAL CENTER	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	\$128,898
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081547	DYNAMIC HIV-1 ESCAPE FROM CCR5 ANTAGONISM IN VITO	-\$63,450
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI084442	MOLECULAR REGULATION OF BIOLOGICAL STRESS RESPONSE	-\$22,596
2011	IMMUNETICS, INC	MA	R21AI085453	MOLECULAR DETECTION OF INVASIVE FUNGAL INFECTIONS BY REVERSE LINE BLOT ASSAY	\$0
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$0
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$0
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI091043	PROBING INTERACTIONS WITHIN ANTHRAX TOXIN BY ELECTRON PARAMAGNETIC RESONANCE	-\$51,326
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI057851	MECHANISMS OF B CELL-DEPENDENT TRANSPLANTATION TOLERANCE	\$0
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI060025	ACTIVATION OF INSECT IMMUNITY BY GRAM-NEGATIVE BACTERIA	\$0
2011	TUFTS MEDICAL CENTER	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$0
2011	BETH ISRAEL HOSPITAL	MA	R01AI051645	AIRWAYS EOSINOPHILS AS ANTIGEN-PRESENTING CELLS IN ASTHMA	\$0
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	-\$892
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI081547	DYNAMIC HIV-1 ESCAPE FROM CCR5 ANTAGONISM IN VITO	\$63,450
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095092	Intrinsic Immunity and AIDS	-\$651,113
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	-\$2,580
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	-\$356,275
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI095078	THE INNATE IMMUNE SIGNALS ON B CELLS THAT INDUCE ADCC ANTIBODIES	-\$4,584
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI095740	MECHANISMS OF HAEMOPHILUS INFLUENZAE PATHOGENESIS IN THE LUNG	\$0
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$101,418
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	-\$3,750
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072252	DIFFERENTIATION AND REGULATION OF CTL	\$0
2011	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	-\$109,433
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI070085	HARVARD LONGWOOD MEDICAL AREA TRAINING GRANT IN TRANSPLANTATION	\$0

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2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	-\$47,261
2011	TUFTS MEDICAL CENTER	MA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$365,587
2011	IMMUNE DISEASE INSTITUTE INC	MA	R03AI090428	BIOINFORMATIC STRATEGY TO IDENTIFY CALCINEURIN INTERACTORS IN THE HUMAN PROTEOME	-\$79,420
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI085366	NUCLEAR DNA REPLICATION INITIATION MACHINERY IN TRYPANOSOMES	\$0
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	-\$11,509
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI093791	HUMORAL IMMUNE RESPONSES TO VIRUS-LIKE PARTICLE VACCINE CANDIDATES FOR RSV	\$0
2011	SIGMOVIR BIOSYSTEMS INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	-\$1,739
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	-\$273,427
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI080094	IDENTIFYING NOVEL FUNGAL VIRULENCE FACTORS IN CANDIDA GLABRATA	-\$23,182
2011	JOHNS HOPKINS UNIVERSITY	MD	F31AI080161	DISSECTION OF THE MOSQUITO AEADES AEGYPTI'S IMMUNE RESPONSES TO DENGUE INFECTION.	-\$18,180
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI096062	CYTOTOXIC CELL DYSFUNCTION IN HGA	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$202,570
2011	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	-\$16,242
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	\$264,528
2011	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$45,792
2011	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$15,062
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088311	EFFICIENT SITE-SPECIFIC GENETIC ENGINEERING OF THE ANOPHELES GAMBIAE GENOME	-\$163,881
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI085406	THE ROLE MAST CELL MICRORNAS IN THE PATHOGENESIS OF ASTHMA	\$0

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2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$300,283
2011	UNIVERSITY OF MARYLAND	MD	R01AI049383	MODULATING HOST RESPONSES TO BACTERIAL PRODUCTS	\$0
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088609	EPIGENOME ASSOCIATION STUDY OF FOOD ALLERGY	\$61,667
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	-\$328,005
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	-\$745,933
2011	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$0
2011	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$0
2011	UNIVERSITY OF MINNESOTA	MN	R56AI091805	CAP SNATCHING MECHANISM OF ARENAVIRUSES	\$280,987
2011	MAYO CLINIC	MN	R01AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$0
2011	MAYO CLINIC	MN	R01AI040384	REGULATION OF HIV-MEDIATED CD4 T CELL APOPTOSIS	\$0
2011	UNIVERSITY OF MINNESOTA	MN	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	-\$251,463
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI091033	INVESTIGATING THE FUNCTIONAL DEVELOPMENT OF MEMORY B CELLS	-\$17,109
2011	UNIVERSITY OF MINNESOTA	MN	R01AI057440	POLARITY ESTABLISHMENT MECHANISMS IN CANDIDA ALBICANS	\$0
2011	WASHINGTON UNIVERSITY	MO	R37AI024157	T CELL RECOGNITION OF ANTIGEN	\$0
2011	WASHINGTON UNIVERSITY	MO	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$58,693
2011	WASHINGTON UNIVERSITY	MO	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$259,647
2011	WASHINGTON UNIVERSITY	MO	F32AI096853	CHARACTERIZATION OF ESSENTIAL RHOPTRY KINASES OF TOXOPLASMA GONDII	\$0
2011	WASHINGTON UNIVERSITY	MO	K99AI093860	LOCALIZED VIRULENCE FACTOR ASSEMBLY IN ENTEROCOCCUS FAECALIS: COORDINATION AND TA	\$0
2011	WASHINGTON UNIVERSITY	MO	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$235,600
2011	WASHINGTON UNIVERSITY	MO	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$95,760
2011	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$0
2011	WASHINGTON UNIVERSITY	MO	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$117,808
2011	WASHINGTON UNIVERSITY	MO	R37AI034385	ACTIVATION RECEPTORS ON NK CELLS	\$0

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2011	WASHINGTON UNIVERSITY	MO	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$243,200
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	K08AI083744	OSPC MEDIATED EVASION OF THE INNATE IMMUNE RESPONSE BY BORRELIA BURGDORFERI	-\$65,014
2011	UNIVERSITY OF MISSISSIPPI	MS	F32AI083157	BIOSYNTHETIC ROUTES TO DRUG DEVELOPMENT FOR AIDS OL MTB	-\$51,326
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088628	GENETIC FACTORS IN IGE-MEDIATED FOOD ALLERGIES	\$0
2011	DUKE UNIVERSITY	NC	R56AI067968	ROLE AND MECHANISM OF ACTION OF GAMMA HERPESVIRUS MICRORNAS	\$0
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$0
2011	DUKE UNIVERSITY	NC	R21AI094014	COMBINED PEANUT ORAL IMMUNOTHERAPY AND ANTI-IGE: MECHANISTIC STUDIES	-\$101,528
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$0
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI094014	COMBINED PEANUT ORAL IMMUNOTHERAPY AND ANTI-IGE: MECHANISTIC STUDIES	\$96,067
2011	DUKE UNIVERSITY	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	-\$140,247
2011	DUKE UNIVERSITY	NC	R01AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$0
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096268	First Transcriptome to the Tick Olfactory System	\$0
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$138,586
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI089050	FUNCTIONALLY SELECTIVE RECA INHIBITORS TO PROBE BACTERIAL GENETIC RECOMBINATION	-\$10,137
2011	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$0
2011	DUKE UNIVERSITY	NC	R56AI091878	HARNESSING MICRORNAS WITHIN MIR-17-92 CLUSTER FOR AUTOIMMUNE INTERVENTION	\$0
2011	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$0
2011	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$0
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095055	VITAMIN D AND THE IMMUNE SYSTEM	\$0
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$0
2011	PRINCETON UNIVERSITY	NJ	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	-\$394,328
2011	IMMUNOMEDICS, INC	NJ	R41AI093082	USE OF MILATUZUMAB IN MODULATING GRAFT VS. HOST DISEASE	\$0

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2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$0
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R56AI094623	STRUCTURAL INSIGHT INTO NOVEL MECHANISMS OF TYPE III SECRETION	\$0
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	-\$196,300
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	-\$110,789
2011	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R21AI088528	VLP-BASED VACCINES FOR TARGETING BACTERIAL VIRULENCE	\$1,867
2011	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$0
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$0
2011	TRUDEAU INSTITUTE	NY	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	-\$118,440
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,600,751
2011	PROGENICS PHARMACEUTICALS, INC	NY	U01AI095085	LONG-ACTING, SELF-ADMINISTERED HIV THERAPY WITH TH CCR5 ANTIBODY PRO 140	-\$3,026,298
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$0
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$0
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075193	MODULATING MMP-9 AND NEUTROPHIL RECRUITMENT: A THERAPEUTIC STRATEGY FOR TULAREMIA	\$0
2011	SUNY, STONY BROOK	NY	R03AI094054	STAT3 STRUCTURAL DETERMINANTS	-\$35,039
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	-\$129,265
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$0
2011	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$0
2011	TECHNOVAX INC	NY	R44AI063830	DEVELOPMENT OF INFLUENZA VIRUS-LIKE PARTICLE (VLP) VACCINES	\$0
2011	UNIVERSITY OF ROCHESTER	NY	R01AI083115	Simulator for Primary HIV Replication and Evolution	-\$173,070
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$0
2011	UNIVERSITY OF ROCHESTER	NY	P01AI078907	B Cells in Health and Disease	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	-\$101,300
2011	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI086197	THE ROLE OF PERIPHERAL MONOCYTES IN THE DEVELOPMENT OF IMMUNITY TO INFLUENZA	-\$1,800

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2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI090501	DESIGN, SYNTHESIS AND EVALUATION OF SELECTIVE GRP94 INHIBITORS	\$0
2011	TRUDEAU INSTITUTE	NY	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	-\$291,400
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI095256	COMBINATION CLOSTRIDIUM DIFFICILE TOXIN AND ADHESIN VACCINE	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	-\$65,451
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI096738	TRANSCRIPTIONAL REGULATION AND EXPRESSION OF HUMAN APOBEC3G	-\$5,256
2011	SUNY, STONY BROOK	NY	R21AI092455	STEROID HORMONE BIOSYNTHESIS BY M.TB	\$0
2011	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI079884	RAPID DPP TEST FOR TUBERCULOSIS	\$140,871
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,465
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$0
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$261,123
2011	UNIVERSITY OF ROCHESTER	NY	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	-\$86,249
2011	UNIVERSITY OF ROCHESTER	NY	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	-\$84,126
2011	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$0
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$0
2011	COLD SPRING HARBOR LABORATORY	NY	R01AI072345	BIOCHEMICAL ANALYSIS OF PAPILLOMAVIRUS REPLICATION	\$0
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$0
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$0
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$390,386
2011	UNIVERSITY OF ROCHESTER	NY	R21AI090264	GENERATION AND CHARACTERIZATION OF HUMAN CYTOKINE-PRODUCING B CELL EFFECTORS	-\$30,720
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K99AI089935	FUNCTION OF MICRORNAS IN CONTROLLING REGULATORY T CELL BIOLOGY	\$0
2011	UNIVERSITY OF ROCHESTER	NY	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	-\$522,129
2011	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$0
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI056840	Structure and Function of the Circumsporozoite Protein	-\$211,323

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2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$0
2011	PROGENICS PHARMACEUTICALS, INC	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	-\$2,610,975
2011	SUNY, BUFFALO	NY	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	\$0
2011	OYAGEN INC	NY	R21AI095007	DEVELOPMENT OF A NOVEL HIV/AIDS THERAPEUTIC ACTIVATING THE APOBEC3G HOST DEFENSE	\$43,500
2011	UNIVERSITY OF ROCHESTER	NY	R21AI094511	THE SEMEN ENHANCER OF HIV INFECTION AS A NOVEL MICROBICIDE TARGET	\$0
2011	ARTERIOCYTE INC	OH	R43AI092989	RAPID, HIGH VOLUME PRODUCTION OF RETICULOCYTES FOR P. VIVAX MALARIA RESEARCH	\$0
2011	Research Institute at Nationwide's Children's Hospital	OH	R56AI096882	PERSISTENT HEPATITIS C VIRUS REPLICATION AND T CELL IMMUNITY IN PREGNANCY	\$0
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$79,094
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	-\$253,842
2011	Research Institute at Nationwide's Children's Hospital	OH	R56AI095684	MECHANISM OF RESPIRATORY SYNCYTIAL VIRUS FUSION	\$0
2011	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI091641	GENETIC DISSECTION OF VIRAL PERSISTENCE	\$53,552
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI095289	Trefoil Factors Regulate Th2 Immunity	-\$327,400
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI085258	PROGRESSION OF AUTOIMMUNITY DURING PUBERTY IN SLE	-\$157,072
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI059373	OUTER MEMBRANE PROTEINS OF BORRELIA BURGDORFERI	\$0
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$0
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076351	CHARACTERIZATION OF THE PHAGOSOME DURING MYCOBACTERIUM TUBERCULOSIS INFECTION	\$0
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	-\$79,094
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061699	Control of CD8+ Effector T Cell Differentiation	-\$261,123
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$182,678

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2011	UNIVERSITY OF PITTSBURGH	PA	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$303,005
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$193,911
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	-\$365,587
2011	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	U01AI095085	LONG-ACTING, SELF-ADMINISTERED HIV THERAPY WITH TH CCR5 ANTIBODY PRO 140	\$3,026,298
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068942	CHARACTERIZATION OF NADH TYPE II OXIDOREDUCTASE FROM MYCOBACTERIUM TUBERCULOSIS	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$0
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI038965	NEGATIVE SELECTIVE OF AUTOREACTIVE ANTIBODIES	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$317,005
2011	UNIVERSITY OF PENNSYLVANIA	PA	R56AI050059	AUTOIMMUNE ENCEPHALOMYELITIS AND C-REL	\$0
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI067946	DIRECTING FUNCTION AT THE NATURAL KILLER CELL SECRETORY IMMUNOLOGICAL SYNAPSE	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087383	CLONING, CHARACTERIZATION AND IN VIVO TESTING OF MUCOSALLY TRANSMITTED SIV	\$104,896
2011	NOVIRA THERAPEUTICS INC	PA	R43AI093254	IDENTIFICATION OF NOVEL HIV CAPSID ASSEMBLY INHIBITORS (HIT-TO-LEAD DEVELOPMENT)	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	P01AI088564	Novel SIV _{smm} strains for analysis of mucosal transmission and vaccine protection	\$2,554,863
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	-\$142,832
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$242,785
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI094604	Penile transmission and neutralization of pathogenic SIV _{smm}	\$590,906
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$0
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$0
2011	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R21AI082680	PHOSPHOROTHIOATE OLIGONUCLEOTIDES AS MICROBICIDES AGAINST HIV TRANSMISSION	\$0
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$708,586

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2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$0
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI088311	EFFICIENT SITE-SPECIFIC GENETIC ENGINEERING OF THE ANOPHELES GAMBIAE GENOME	\$163,881
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$0
2011	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$0
2011	BROWN UNIVERSITY	RI	F31AI080230	KLRG1, CADHERINS AND THEIR INTERACTIONS	-\$9,900
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$0
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$328,556
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$0
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$0
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	-\$193,925
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	-\$227,000
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$0
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$0
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI085140	REGULATORY T-CELLS AND CHRONIC COLITIS	\$185,006
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI088342	ROLE OF CD8+ T CELLS IN REPRODUCTIVE SEQUELAE INDUCED BY CHLAMYDIA INFECTION	-\$71,528
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI092235	IDENTIFICATION OF NOVEL PLANT-DERIVED ANTIMALARIAL COMPOUNDS	\$2,700
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	-\$158,845
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069152	ROLE OF CHEMOKINE MONOMER-DIMER EQUILIBRIUM IN INNATE IMMUNITY AND INFLAMMATION	\$0
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$0
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$0
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$0

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2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	-\$347,513
2011	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$188,406
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI096872	IDENTIFICATION OF PNEUMOCOCCAL VACCINE CANDIDATES ENHANCED DURING BIOFILM GROWTH	-\$28,225
2011	BAYLOR RESEARCH INSTITUTE	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$344,874
2011	LUMINEX CORPORATION	TX	R01AI096228	Systems for rapid development of high sensitivity multiplex assays for biothreat	\$0
2011	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$0
2011	ALEXANDER BIODISCOVERIES LLC	VA	R43AI084244	NOVEL ANTI-VIRAL AGENTS TO TREAT INFLUENZA	\$0
2011	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$0
2011	UNIVERSITY OF VIRGINIA	VA	R37AI030557	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION	\$0
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$0
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088298	PROTEOMIC ANALYSES OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION APPARATUS	\$0
2011	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$0
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$0
2011	UNIVERSITY OF WASHINGTON	WA	K99AI095302	SURVIVAL ANALYSIS AND REGRESSION IN INFECTIOUS DISEASE EPIDEMIOLOGY	-\$96,237
2011	KINETA INC	WA	R44AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	-\$7,953
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$0
2011	UNIVERSITY OF WASHINGTON	WA	F32AI096820	THE ROLE OF PHOP/PHOQ-REGULATED PHOSPHOLIPID ALTERATIONS IN SALMONELLA PATHOGENES	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$0
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI089405	NOVEL HIV 1 ENVELOPE IMMUNOGENS DERIVED FROM BROADLY NEUTRALIZING PLASMAS	\$0
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI092120	Identification of vaccine candidates against severe malaria	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R21AI088597	ENGINEERING ANTIVIRAL INNATE IMMUNITY FOR SAFE AND EFFECTIVE MICROBICIDES	\$0
2011	UNIVERSITY OF WASHINGTON	WA	R01AI048389	THE ROLE OF CELLULAR FACTORS IN THE HIV-1 CAPSID ASSEMBLY PATHWAY	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI052056	The Functional Significance of CTL Escape	-\$54,830
2011	MINITUBE OF AMERICA	WI	R41AI082853	GALT-KO PIGS EXPRESSING PRIMATE CD47 TO FACILITATE ORGAN XENOGRAFTS	\$0
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$5,030
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	-\$756,134
2010	INSTITUT DE GENETIQUE MOLECULAIRE DE MONTPELLIER		R01AI059349	ZAP-70 DEFICIENCY: A MODEL FOR GENE THERAPY STUDIES	\$0
2010	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$0
2010	UNIVERSITY DEL NORTE		R01AI075523	RESPIRATORY SYNCYTIAL VIRUS TARGETS RAFTS FOR PENETRATION AND IMMUNOMODULATION	\$0
2010	UNIVERSITY OF CAPE TOWN		R01AI075603	DIAGNOSTIC YIELD OF INDUCED SPUTUM FOR RAPID DIAGNOSIS OF PULMONARY TUBERCULOSIS	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$0
2010	UNIVERSITY OF ARIZONA	AZ	R01AI031951	REGULATION OF DIGESTION IN BLOOD-SUCKING INSECTS	\$0
2010	UNIVERSITY OF ARIZONA	AZ	R01AI046541	REGULATION OF ENERGY METABOLISM IN INSECTS	\$0
2010	STANFORD UNIVERSITY	CA	R01AI042801	EPIDEMIOLOGY OF HELICOBACTER PYLORI TRANSMISSION	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067727	HUMAN RESERVOIRS OF PLASMODIUM VIVAX TRANSMISSION IN THE PERUVIAN AMAZON	\$0
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI069341	MEASURING ENTOMOLOGICAL RISK FOR DENGUE	\$0
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070043	STATISTICAL METHODS TO STUDY THE EPIDEMIOLOGY OF HIV & OTHER DISEASE	\$0
2010	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI052291	MECHANISMS OF MACROLIDE RESISTANCE IN MYCOBACTERIA	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064738	RNAI AS AN INTERCELLULAR ANTIVIRAL DEFENSE MECHANISM	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$0
2010	STANFORD UNIVERSITY	CA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$0
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI061354	LEISHMANIASIS TREATMENT: MACROPHAGE SCAVENGER RECEPTOR	\$0
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI070494	DEVELOPMENT OF AN EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$0
2010	ARBOR VITA CORPORATION	CA	R44AI068160	DEVELOPMENT OF AN E6 BASED RAPID STRIP TEST COMMERCIAL PROTOTYPE FOR CERVICAL CAN	\$0
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067981	MECHANISMS OF DINITROANILINE ACTION, SELECTIVITY AND RESISTANCE	\$0
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$0
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01DK078013	ACHIEVING THERAPEUTIC ANTIGEN-SPECIFIC TOLERANCE IN TYPE 1 DIABETES	\$0
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI044864	GENERATING ANTIGENIC PEPTIDE/MHC BY CRYPTIC TRANSLATION	\$0
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI078321	POST-TRANSLATIONAL PROCESSING OF MYELOID ALPHA-DEFENSINS.	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI057512	YERSINIA PESTIS BIOFILM REGULATION	\$0
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069545	CLINICAL CENTER: MEDICAL /QUALITY OF LIFE OUTCOMES /LIVE KIDNEY OR LUNG DONATION	\$0
2010	POMONA COLLEGE	CA	R15AI090606	Small RNAs and Vibrio cholerae adaptation to different carbon sources	\$147,544
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI020038	REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	\$0
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$0
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI091492	MICROBIAL TRANSLOCATION AND HIV-RELATED ENDOTHELIAL DYSFUNCTION	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$0
2010	ID FISH TECHNOLOGY INC	CA	R44AI075745	TB-FISH (FLUORESCENT IN SITU HYBRIDIZATION) ASSAY FOR DIRECT DETECTION OF M. TUBE	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI089397	QUANTIFICATION OF HIV-1 RESERVOIRS IN THE GUT	\$0
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI071803	POTENT NEW NUCLEOSIDE ANALOGS FOR DRUG RESISTANT HIV	\$0
2010	STANFORD UNIVERSITY	CA	R01AI067712	SURFACE PROTEIN DYNAMICS IN LIVE BACTERIAL PATHOGENS	\$0
2010	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$0
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R56AI081128	NOVEL ANTI-TOXIN COMPOUNDS AGAINST YERSINIA INFECTIONS	\$0

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2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI070983	FUNCTIONAL ANALYSIS OF COMPLEMENT RECEPTOR 2 AS A LUPUS SUSCEPTIBILITY GENE	\$0
2010	COLORADO STATE UNIVERSITY	CO	U01AI070456	RESPONSE THERAPIES FOR MDR-TB	\$0
2010	COLORADO STATE UNIVERSITY	CO	R21AI080567	USE OF CELL PHONES FOR FIELD DATA CAPTURE IN A DENGUE DECISION SUPPORT SYSTEM	\$0
2010	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$0
2010	YALE UNIVERSITY	CT	R01AI068043	MOLECULAR EPIDEMIOLOGIC IDENTIFICATION OF PNEUMOCOCCAL TISSUE SPECIFIC GENES	\$0
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI037549	HSV 1 PROCESSING/PACKAGING GENES	\$0
2010	GEORGETOWN UNIVERSITY	DC	R01AI064706	ROLE OF PARP-1 IN MEDIATING INFLAMMATORY GENE TRANSCRIPTION	\$0
2010	UNIVERSITY OF FLORIDA	FL	R01AI015539	MOLECULAR BIOLOGY OF POLIOVIRUS RNA REPLICATION	\$0
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$0
2010	UNIVERSITY OF FLORIDA	FL	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	\$0
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073795	CHEMICAL GENETICS OF PLASMODIUM KINASES	\$0
2010	UNIVERSITY OF MIAMI	FL	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	\$13,250
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	\$0
2010	EMORY UNIVERSITY	GA	R56AI087186	HOMEOSTASIS OF CD4+ T CELLS IN NON-HUMAN PRIMATES	\$0
2010	CORPORATION OF MERCER UNIVERSITY	GA	R15AI062713	Varicella-Zoster Virus Encapsidation Proteins	\$124,029
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068647	THE CONTRACTILE VACUOLE OF TRYPANOSOMA CRUZI	\$0
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI060469	VIRULENCE OF THE OPPORTUNISTIC PATHOGEN RHODOCOCCIS EQUI	\$0
2010	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$0
2010	EMORY UNIVERSITY	GA	R01AI040338	VIRAL AND CELLULAR DETERMINANTS OF HIV-1 ASSEMBLY	\$0
2010	EMORY UNIVERSITY	GA	R34AI091437	EFFECTS OF MATERNAL INFLUENZA IMMUNIZATION: A FIELD TRIAL IN GUATEMALA'	\$0
2010	EMORY UNIVERSITY	GA	R01AI068003	NOVEL VLP VACCINES FOR PANDEMIC INFLUENZA VIRUS	\$0
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068908	GENOME EVOLUTION, INNOVATION AND ADAPTATION IN THE APICOMPLEXA	\$0

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2010	UNIVERSITY OF IOWA	IA	R01AI067874	COLLABORATIVE DEVELOPMENT OF A VACCINE AGAINST CUTANEOUS AND VISCERAL LEISHMANIAS	\$0
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI075026	IMPACT OF POLYMER ADJUVANT CHEMISTRY ON ADAPTIVE IMMUNE MECHANISMS	\$0
2010	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$0
2010	UNIVERSITY OF CHICAGO	IL	R01AI044932	CD43 REGULATION OF IMMUNE RESPONSES	\$0
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI070426	IMMUNOTHERAPEUTICS AND VACCINES AGAINST ANTHRAX, PLAGUE AND TULAREMIA	\$0
2010	NORTHWESTERN UNIVERSITY	IL	R01AI047770	INTRACELLULAR TRAFFICKING OF HIV-1 PARTICLES	\$0
2010	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$0
2010	UNIVERSITY OF CHICAGO	IL	R01AI027530	TREATMENT OF CONGENITAL TOXOPLASMOSIS	\$0
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI091428	HIV/STI OUTCOMES FROM MALE CIRCUMCISION IN MEN AND FEMALE PARTNERS: KISUMU, KENYA	\$0
2010	NORTHWESTERN UNIVERSITY	IL	R01AI023173	STRUCTURE AND EXPRESSION OF THE PARAMYXOVIRUS SV5 GENOME	\$0
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$0
2010	UNIVERSITY OF CHICAGO	IL	R56AI059676	SIGNALING IN THYMIC SELECTION	\$0
2010	PURDUE UNIVERSITY	IN	R15AI062713	Varicella-Zoster Virus Encapsidation Proteins	-\$116,770
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI072357	VIRAL AND HOST RESPONSES TO HSV INFECTION	\$0
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI083479	IMPAIRED INTESTINAL BARRIER FUNCTION AND AIRWAY INFLAMMATION IN CYSTIC FIBROSIS	\$0
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070864	FUNCTION OF LACCASES IN ANOPHELES GAMBIAE	\$0
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI068119	DO CONDOMS PROTECT FROM NON-VIRAL SEXUALLY TRANSMITTED INFECTIONS?	\$0
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI065974	MOLECULAR PATHOGENESIS OF FRANCISELLA TULARNENSIS	\$0
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI044254	ANALYSIS OF BORRELIA BURGdorferi ERP PROTEINS	\$0
2010	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI072327	CFTR EXPRESSION AND FUNCTION IN HUMAN NEUTROPHILS	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI074405	T CELL REGULATION: CD4+CD25+ FOXP3+ T CELLS IN ACUTE AND CHRONIC HIV-1 INFECTION	\$0
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI068826	DESIGNING POTENT ANTHRAX VACCINE WITH ENGINEERED PROTECTIVE ANTIGEN	\$0

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2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI069007	PHASE-VARIABLE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$0
2010	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$0
2010	DANA-FARBER CANCER INSTITUTE	MA	R33AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	\$0
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$0
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI070963	GENETIC AND ECOLOGICAL FACTORS IN TRANSMISSIBILITY AND EPIDEMIC CYCLE OF CHOLERA	\$0
2010	BOSTON UNIVERSITY	MA	R01AI044070	MULTIPLE LECTIN MODEL OF THE CYST WALL OF ENTAMOEBA	\$0
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$0
2010	TUFTS UNIVERSITY	MA	R01AI064872	A THERMOSTABLE MEASLES VACCINE	\$0
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI073127	POOLING HIV COHORTS TO INFORM CLINICAL DECISION	\$0
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R34AI091439	ANTI- IL5 THERAPY FOR CHURG-STRAUSS SYNDROME: A DOUBLE BLIND RANDOMIZED, PLACEBO-	\$0
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI057754	TRANSCRIPTION REGULATION IN PSEUDOMONAS AERUGINOSA	\$0
2010	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$0
2010	BETH ISRAEL HOSPITAL	MA	R01AI066924	NOVEL ADENOVIRUS VACCINE VECTORS FOR HIV/SIV	\$0
2010	NETWORK BIOSYSTEMS INC	MA	R43AI084206	A RAPID POINT-OF-CARE DIAGNOSTIC FOR C.TRACHOMITIS STDS	\$0
2010	IMMUNETICS, INC	MA	R43AI080004	REVERSE LINE BLOT FOR DIAGNOSIS OF INFECTIVE ENDOCARDITIS	\$0
2010	TUFTS MEDICAL CENTER	MA	R21AI081643	T. GONDII AS A MODEL FOR INVESTIGATION OF CRYPTOSPORIDIUM GLYCOPROTEIN ANTIGENS	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI066992	INDUCTION OF HIV-SPECIFIC IMMUNE RESPONSES	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065760	IMMUNE RESPONSES TO BIODEFENSE VACCINES EARLY IN LIFE	\$0
2010	JOHNS HOPKINS UNIVERSITY	MD	F31AI080187	ACCEPTABILITY AND FEASIBILITY OF THE HPV VACCINE SCHEDULE IN FEMALE SEX WORKERS	-\$16,397
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI079794	DEVELOPMENT OF TRANSFORMED LACTOBACILLI AS A MICROBICIDE	\$0
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI071820	HEPATITIS B TREATMENT AND HIV INFECTION IN RESOURCES LIMITED SETTINGS	\$0

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2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI067632	INNATE ANTIVIRAL RESPONSE AND PREDISPOSITION TO NEOPLASIA IN IRF-5 DEFICIENT MOUS	\$0
2010	GENVEC INC	MD	R43AI084269	HIGH THROUGHPUT GENOMICS SCREENING FOR MALARIA ANTIGEN DISCOVERY	\$0
2010	IMQUEST BIOSCIENCES INC	MD	R33AI076967	RATIONAL DEVELOPMENT OF COMBINATION MICROBICIDE THERAPIES	\$0
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$0
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI065853	ROLES OF LIPOATE PATHWAYS IN PLASMODIUM SURVIVAL	\$0
2010	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$12,885
2010	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI063080	ROLE OF PERTUSSIS TOXIN IN BORDETELLA PERTUSSIS INFECTION	\$0
2010	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$0
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI082105	CAPSULE CONJUGATE VACCINES AGAINST CAMPYLOBACTER JEJUNI	\$0
2010	SIGMOVIR BIOSYSTEMS INC	MD	R56AI078275	EFFECT OF IMMUNOSENESCENCE ON INNATE IMMUNE RESPONSES TO RSV	\$0
2010	UNIVERSITY OF MICHIGAN	MI	R01AI066131	CALRETICULIN'S FUNCTIONS IN THE ADAPTIVE IMMUNE RESPONSE	\$0
2010	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$0
2010	NANOVIR LLC	MI	R42AI062182	PRE-CLINICAL HPV16 ANTIVIRAL COMPOUND DEVELOPMENT	\$0
2010	UNIVERSITY OF MINNESOTA	MN	R33AI071976	TOPICAL MICROBICIDE AGAINST SIV AND CHLAMYDIA	\$0
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI082291	REGULATION OF NEUTROPHIL FUNCTION AND INFLAMMATION BY ADAM17 DURING INFECTION	\$0
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI080418	CTL EXCLUSION FROM LYMPHOID FOLLICLES AS A MECHANISM OF LENTIVIRUS IMMUNE INVASIO	\$0
2010	WASHINGTON UNIVERSITY	MO	R01AI065985	DEFINING NS4B FUNCTION IN HEPATITIS C VIRUS REPLICATION	-\$98,800
2010	WASHINGTON UNIVERSITY	MO	R01AI027568	CD8 T CELL RECOGNITION OF MHC CLASS I	\$0
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI048541	REGULATION OF NEONATAL IMMUNITY	\$0
2010	WASHINGTON UNIVERSITY	MO	R01AI065982	NOROVIRUS INFECTION OF DENDRITIC CELLS AND MACROPHAGES	\$0

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2010	WASHINGTON UNIVERSITY	MO	R01AI048052	THE MOLECULAR MECHANISM OF LEGIONELLA TYPE IV SECRETION	\$0
2010	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$0
2010	UNIVERSITY OF MISSISSIPPI	MS	F32AI083157	BIOSYNTHETIC ROUTES TO DRUG DEVELOPMENT FOR AIDS OL MTB	-\$1,773
2010	MONTANA STATE UNIVERSITY	MT	R21AI083244	ROLE OF FORMYL PEPTIDE RECEPTOR VARIANTS IN MUCOSAL INNATE IMMUNE DEFENSE	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067913	SPATIAL EPIDEMIOLOGY OF SYPHILIS AND GONORRHEA IN NORTH CAROLINA	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI085201	ERYTHROPOIETIN AND ERYTHROPOIETIN-MIMETIC PEPTIDES FOR THE TREATMENT OF CEREBRAL	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033331	NEF FUNCTION	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	\$0
2010	AFFINERGY INC	NC	R44AI079891	SELF ASSEMBLING HIGH AFFINITY PEPTIDES FOR POINT OF CARE DRUG-DEVICE COMBINATIONS	\$0
2010	DUKE UNIVERSITY	NC	R01AI052779	HIV-1 GENE SUPPRESSION BY CD8+ T CELLS	\$0
2010	DUKE UNIVERSITY	NC	R21AI079366	TLR SIGNALING IN CD8 T CELL RESPONSE TO VACCINIA VIRUS	\$0
2010	CLIN-EPR, LLC	NH	R43AI081495	DEVELOPMENT OF IN VIVO EPR TOOTH DOSIMETRY FOR USE BY NON-EXPERT PERSONNEL	\$0
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI079771	SMALL-MOLECULE INHIBITORS OF GP41-MEDIATED FUSION AS HIV-1 TOPICAL MICROBICIDES	\$0
2010	DREW UNIVERSITY	NJ	R15AI090606	Small RNAs and Vibrio cholerae adaptation to different carbon sources	-\$141,935
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070469	LIVE ATTENUATED VACCINES FOR EPIDEMIC AND PANDEMIC FLU	\$0
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$0

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2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064678	REGULATION OF RECALL RESPONSES DURING EHRlichiosis	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI071326	MECHANISMS OF TRANSMIGRATION OF HIV INFECTED CELLS ACROSS THE BLOOD BRAIN BARRIER	-\$1,765
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI073178	VPR AS A MEDIATOR PROTEASOMAL DEGRADATION	\$0
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI083769	THE FUNCTION OF THE NKT CELL DETERMINANT, PLZF, IN MUCOSAL LYMPHOCYTES.	\$0
2010	SUNY, BUFFALO	NY	R21AI074791	GONOCOCCAL INFLAMMATORY IMMUNE RESPONSES	\$0
2010	UNIVERSITY OF ROCHESTER	NY	R01AI067613	REGULATORY OXYGENASES IN VASCULOPATHIC RICKETTSIOSES	-\$103,516
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI075570	THE ROLE OF RAB24 IN HIV-1 ASSEMBLY	-\$19,338
2010	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$0
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI048371	HIV VACCINES THAT ELICIT IMMUNE RESPONSES TO VIRUS ENV	\$0
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052459	REGULATION AND FUNCTION OF MYOTYBULARINS	\$0
2010	CORNELL UNIVERSITY	NY	R01AI066054	SYNAPTOTAGMIN FUNCTION IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI061679	ROLE OF CALCIUM SIGNALING IN HSV-2 INVASION	\$0
2010	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$0
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI047885	COMPARISON OF HUMAN EHRlichiosis AGENT GENOMES	\$0
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI068524	ROLE OF REGULATORY T CELLS IN HIV INFECTION	\$0
2010	UNIVERSITY OF TOLEDO	OH	R01AI068133	IMPACT OF THE INTERFERON REGULATED PROTEINS XAF1 AND ZNF313 ON INNATE IMMUNITY	\$0
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI043524	BACTERIA, SIGNALING & LEUKOCYTE TRANSCRIPTION ACTIVATION	\$0
2010	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$0
2010	OHIO STATE UNIVERSITY	OH	R56AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$0
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI083546	VITAMIN A ADJUVANT TO ENHANCE GUT IMMUNITY AND ROTAVIRUS VACCINES IN NEONATES	\$0
2010	NOVELMED THERAPEUTICS INC	OH	R43AI085697	NEUTRALIZING ANTIBODIES FOR COMPLEMENT INHIBITION	\$0
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI081083	NEURONAL REGULATION OF HSV LYTIC AND LATENT INFECTION	\$0
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$0
2010	DESIGNMEDIX INC	OR	R42AI072923	DESIGNED ANTIMALARIAL AGENTS OVERCOMING CHLOROQUINE-RESISTANCE	\$0
2010	OREGON STATE UNIVERSITY	OR	R01AI063120	ANALYSES OF SODIUM BIOENERGETICS IN VIBRIO CHOLERAЕ	\$0
2010	OREGON STATE UNIVERSITY	OR	R01AI073784	GENETIC AND CHEMICAL APPROACHES TO NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI067541	DENDRITIC CELLS, RAPAMYCIN AND TRANSPLANT TOLERANCE	\$0
2010	DREXEL UNIVERSITY	PA	R56AI055590	STUDIES ON NIKD, A NIKKOMYCIN BIOSYNTHETIC ENZYME	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$0
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073660	FUNCTION AND PHARMACOLOGY OF SCHISTOSOME MULTIDRUG RESISTANCE PROTEINS	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI067037	KSHV LATENCY CONTROL BY RTA	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI082701	GP340 AND SYNDECAN INHIBITION BASED MICROBICIDE FOR HIV	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI083480	EPITHELIAL CELL REGULATION OF INTESTINAL IMMUNE HOMEOSTASIS	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI080584	MULTIDRUG-RESISTANT ACINETOBACTER BAUMANNII	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI071846	RATIONAL DESIGN OF NRTI FOR DRUG RESISTANT HIV-1	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R56AI085110	TREGS:SCULPTING A BALANCE BETWEEN PROTECTION AND PATHOLOGY DURING VIRAL INFECTION	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	TEMPLE UNIVERSITY	PA	R56AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	\$0
2010	BROWN UNIVERSITY	RI	R56AI087401	PARASEXUAL REPRODUCTION AND BIOFILM FORMATION IN CANDIDA ALBICANS	\$0
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI076721	CANDIDA GLABRATA GENE ACTIVATION DURING MUCOSAL INFECTION	\$0
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R37AI010085	CHEMISTRY AND IMMUNOLOGY OF STREPTOCOCCAL M PROTEINS	\$0
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI061721	MOLECULAR BASIS OF INKT CELL ONTOGENY AND FUNCTION	\$0
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$0
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI048636	ROLE OF MINA53 IN EFFECTOR CD4 T CELL DIFFERENTIATION	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067613	REGULATORY OXYGENASES IN VASCULOPATHIC RICKETTSIOSES	\$113,962
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045764	IMMUNE POTENTIAL OF ANIMAL LACKING CLASS IA MOLECULES	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI078006	RIFT VALLEY FEVER VACCINE DEVELOPMENT OF ANIMAL MODELS AND OPTIMIZE PRODUCTION	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI071283	VACCINE FOR EPIDEMIC TYPHUS	\$0
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI083095	TOWARD AN HIV-1 MACAQUE MODEL	\$0
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$0
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071882	TARGETED DELIVERY OF ANTI HIV SRNAS/SHRNAS TO T CELLS	\$0
2010	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI048071	MAPPING DRUG RESISTANCE GENES IN PLASMODIUM FALCIPARUM	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI083484	TH17 CELL REGULATION OF INTESTINAL IGA PRODUCTION	\$0
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R56AI085164	ROLE OF A NOVEL TOLL-LIKE RECEPTOR IN RESPONSE TO VIRAL INFECTION	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067947	VIRAL DETERMINANTS OF HANTAVIRUS PULMONARY DISEASE IN THE HAMSTER	\$0
2010	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	F32AI072946	REGULATION OF IMMUNE RESPONSES BY INTERLEUKIN-23	-\$3,995
2010	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI079618	SYNTHESIS OF IMMUNOGENIC GLYCOLIPEPTIDES FOR THE DEVELOPMENT OF VACCINES FOR CH	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI085135	THE MECHANISMS OF REGULATORY T-CELL EXPANSION IN HUMAN MYCOBACTERIUM TUBERCULOSIS	\$0
2010	BAYLOR COLLEGE OF MEDICINE	TX	K08AI080978	STAPHYLOCOCCUS AUREUS MSCRAMM SDRD IN ATTACHMENT AND INVASIVE DISEASE	\$0
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI057450	CHLAMYDIAL MANIPULATION OF HOST APOPTOSIS	\$0
2010	UNIV OF TX ALLERGY & INFECTIOUS DISEASES TRNG GRANT CMT	TX	R01AI069253	THE ROLE OF ACTIVATED NK CELLS IN A MOUSE MODEL OF LUPUS ERYTHEMATOSUS	\$0
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI070236	DEVELOPMENT OF A LYOPHILIZED INTRADERMAL/INTRANASAL RICIN VACCINE	\$0
2010	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$0
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI071778	DENDRITIC CELL RESPONSE TO MICROSPORIDIANS	\$0
2010	LUNA INNOVATIONS INC	VA	R44AI066612	DEVELOPMENT OF RSK INHIBITORS AS NOVEL THERAPEUTICS FOR YERSINIA PESTIS	\$0
2010	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$0
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047141	A MOLECULAR STUDY OF THE GONOCOCCAL TRANSFERRIN RECEPTOR	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI049168	HCV REPLICATION AND IMMUNE RESPONSE IN HIV COINFECTION	\$0
2010	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	U01AI070801	A MULTIPLEX POINT-OF-CARE TEST FOR VAGINAL INFECTIONS	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI068107	A COMMUNITY-LEVEL RCT OF EXPEDITED PARTNER TREATMENT FOR GONORRHEA AND CHLAMYDIA	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI066209	VIRAL HOST INTERACTIONS IN HEPATITIS C	\$0
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$0
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI081298	MITIGATION OF RADIATION-INDUCED LUNG INJURY IN THE DOG MODEL	\$0
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI084688	QUANTIFICATION AND DYNAMICS OF HIV-1 DRUG RESISTANT MUTANTS BY PIROSEQUENCING	\$0
2010	THE GENEVA FOUNDATION	WA	U01AI082069	ASSESSMENT OF THE IMMUNOGENICITY AND PROTECTIVE EFFICACY OF A MULTIAGENT DNA VACC	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R03AI082316	SALPINGEAL INFECTION MODEL OF MYCOPLASMA GENITALIUM	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R21AI081347	PERSONALITY, STRESS, AND HSV-1 INFECTION: A TWIN STUDY	\$0
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	VA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	WASHINGTON STATE UNIVERSITY	WA	R01AI063463	ION TRANSPORT AND MOTILITY IN LARVAL MOSQUITO STOMACH	\$0
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R56AI052228	ACQUISITION OF BACTERIAL VAGINOSIS IN LESBIANS	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063326	SYNTHETIC LIGANDS FOR MODULATING BACTERIAL COMMUNICATION	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI040482	REGULATION OF VIRUS-INDUCED PROGRAMMED CELL DEATH	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI070503	MECHANISMS OF RHINOVIRUS-INDUCED EXACERBATIONS OF ASTHMA	\$0
2009	UNIVERSITY OF ALBERTA		U01AI061233	ULTRASENSITIVE BISPECIFIC ANTIBODY ASSAY FOR SARS VIRUS	\$0
2009	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$0
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$0
2009	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	F32AI071772	SUPPRESSOR CD8+ T CELLS IN HIV INFECTION	-\$55,334
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI067065	ASSESSING ANTIRETROVIRAL EXPOSURE IN DIVERSE POPULATIONS	\$0
2009	HUMBOLDT STATE UNIVERSITY SPONSORED PROGRAMS FOUNDATION	CA	R15AI082515	A RICKETTSIAL SYMBIONT MODEL FOR THE CONTROL OF TICK-BORNE DISEASES	\$0
2009	COLORADO STATE UNIVERSITY	CO	R01AI047197	LEPROSY BACILLUS: FROM GENOTYPE TO PHENOTYPE TO TOOLS	\$0
2009	UNIVERSITY OF FLORIDA	FL	RC1AI081274	A NOVEL MITIGATOR FOR RADIATION LUNG INJURY	\$0
2009	UNIVERSITY OF HAWAII	HI	R21AI076955	NOVEL ENGINEERING OF A P. FALCIPARUM MEROZOITE SURFACE PROTEIN 1 MALARIA VACCINE	\$0
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI057860	MOLECULAR MECHANISM OF HSV ENTRY AND SPREAD	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI049757	HIV-1 GP120 INDUCED CTL CHEMOREPULSION:DYSREGULATION OF MIGRATION & LOCALIZATION	\$0
2009	TUFTS UNIVERSITY	MA	R56AI083369	OLIGONUCLEOTIDE-BASED THERAPY FOR HUS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	RC1AI081282	NOVEL AGENTS FOR MITIGATION OF RADIATION-INDUCED PULMONARY INJURY	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$0
2009	MICHIGAN STATE UNIVERSITY	MI	U01AI045955	REDEFINING CEREBRAL MALARIA	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	WASHINGTON UNIVERSITY	MO	U19AI065715	RESEARCH FOR THE ELIMINATION OF LYMPHATIC FILARIASIS	\$0
2009	GLOBAL VACCINES INC	NC	U01AI070976	A NOVEL SYSTEMIC AND MUCOSAL ADJUVANT FOR BIODEFENSE	\$0
2009	UNIVERSITY OF NORTH DAKOTA	ND	R03AI070193	HISTONE HYPERACETYLATION IN REPLICATING SV40 CHROMOSOMES	\$0
2009	DARTMOUTH COLLEGE	NH	R21AI075931	REGULATED VIRULENCE AND CYST MATURATION IN TOXOPLASMA GONDII	\$0
2009	ORDWAY RESEARCH INSTITUTE INC	NY	P01AI060908	CHOOSING DRUG DOSES FOR BIODEFENSE PATHOGENS	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$0
2009	CLEMSON UNIVERSITY	SC	R15AI081207	CONTROLLING FATTY ACID SYNTHESIS IN AFRICAN TRYPANOSOMES	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R03AI074359	THE IMPORTANCE OF EARLY SEXUAL EXPERIENCES AMONG MEN WHO HAVE SEX WITH MEN	\$0
2008	YALE UNIVERSITY	CT	F31AI058908	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$0
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$0
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI018449	STRUCTURE/FUNCTION OF VARICELLA ZOSTER VIRUS DNA.	\$0
2008	TEXAS TECH UNIVERSITY	TX	R15AI076909	ROLES OF PLASMENYLETHANOLAMINE BIOSYNTHESIS IN LEISHMANIA VIRULENCE	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI081298	MITIGATION OF RADIATION-INDUCED LUNG INJURY IN THE DOG MODEL	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI069363	BLYS AND IFN RESPONSES TO ANTIGEN CHALLENGE IN HUMAN SLE	\$0
2007	UNIVERSITY OF HAWAII	HI	UC6AI066845	REGIONAL BIOCONTAINMENT LABORATORY	\$0
2007	INTERNATIONAL FERTILITY RESEARCH PROGRAM	NC	U01AI068619	HIV PREVENTION TRIALS NETWORK (HPTN) COORDINATING AND OPERATIONS CENTER	\$0
Issue Date FY: 2011 (Subtotal = \$2,686,594,561)					
2011	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$368,150
2011	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$420,098
2011	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$7,098,824

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	QUEEN'S UNIVERSITY KINGSTON		R01AI048626	MODULATION OF CELL SIGNALING PATHWAYS BY ALPHAHERPESVIRUS TEGUMENT COMPONENTS	\$206,913
2011	ETH ZURICH		U01AI074523	DEVELOPMENT OF ANTI-INFLUENZA AGENTS BY A SYSTEMS BIOLOGY APPROACH	\$327,798
2011	UNIVERSIDADE DE SAO PAULO		R01AI075416	POPULATION STRUCTURE AND TRANSMISSION DYNAMICS OF PLASMODIUM VIVAX	\$78,032
2011	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		R01AI078933	BUILDING CAPACITY IN EVIDENCE-BASED HIV PREVENTION RESEARCH FOR MSM IN CHINA	\$70,864
2011	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI078891	INTERACTION OF BRUCELLA ABORTUS WITH THE HOST IMMUNE SYSTEM: STUDY OF TWO NEW IMM	\$79,387
2011	DESMOND TUTU HIV FOUNDATION		R01AI094586	CHAMPS: Choices for Adolescent Methods of Prevention in South Africa	\$459,440
2011	FUNDACAO FACULDADE DE MEDICINIA		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$400,975
2011	UKZN INNOVATION (PTY) LTD		U01AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$2,429,118
2011	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	\$1,540,019
2011	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$695,068
2011	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$79,389
2011	UNIVERSITY OF BRITISH COLUMBIA		R01AI076483	DEVELOPMENT OF A CHLAMYDIA T CELL VACCINE BASED ON DENDRITIC CELL IMMUNOPROTEMICS	\$218,060
2011	UNIVERSITY OF CAPE TOWN		R01AI083145	LIPID MEDIATED FORMATION OF HEMOZOIN	\$98,631
2011	UNIVERSITY OF CAPE TOWN		R01AI084387	THE ROLE OF CD4+ MEMORY SUBSETS AND IMMUNE ACTIVATION IN HIV DISEASE PROGRESSION	\$105,851
2011	UNIVERSITY OF BRITISH COLUMBIA		F32AI085761	METABOLIC ADAPTATION OF CITROBACTER DURING PATHOGENIC COLONIZATION OF THE GUT	\$15,700
2011	LEIDEN UNIVERSITY MEDICAL CENTER		R21AI090135	IDENTIFICATION OF THE GENE DEFECT UNDERLYING ICF2 SYNDROME	\$131,449
2011	KENYA MEDICAL RESEARCH INSTITUTE		R01AI094580	EPIDEMIOLOGY OF CLINICAL MALARIA IN WESTERN KENYA HIGHLANDS	\$54,000
2011	MCGILL UNIVERSITY		R01AI073889	HITCH: A STUDY OF HPV TRANSMISSION IN YOUNG COUPLES	\$112,603
2011	NATIONAL INSTITUTE OF IMMUNOLOGY		R01AI075459	SIGNALING IN PLASMODIUM FALCIPARUM: ROLE OF PFPLC AND PFPKB	\$53,822
2011	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$254,719
2011	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$6,696,153

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	RESEARCH INSTITUTE FOR HEALTH SCIENCES		U01AI069399	CHIANG MAI UNIVERSITY HIV/AIDS CLINICAL TRIALS UNIT	\$1,125,479
2011	INSTITUT PASTEUR DE TUNIS		P50AI074178	Key Determinants Of The Natural History Of Leishmania major Infection	\$442,091
2011	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$352,125
2011	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078864	IMMUNITY TO AND PATHOGENESES OF M. TUBERCULOSIS AND M. AVIUM INFECTIONS IN MICE	\$79,389
2011	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$79,389
2011	MONASH UNIVERSITY		R01AI079330	TARGETING MDR HETERO-RESISTANT GRAM-NEGATIVES: PK/PD FOR RATIONAL COMBINATIONS	\$516,650
2011	SHANDONG PROVINCIAL CHEST HOSPITAL		R01AI075465	HUMAN GENETIC SUSCEPTIBILITY TO TUBERCULOSIS IN CHINESE HAN POPULATION	\$78,931
2011	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		R01AI082597	Proteome-wide cellular immunity approach to P. falciparum antigen identification	\$597,871
2011	INSTITUTE OF BIOTECHNOLOGY		R01AI083084	DECIPHERING THE FUNCTION OF MCE PROTEINS FROM MYCOBACTERIUM TUBERCULOSIS	\$86,996
2011	UNIVERSITY OF BAHIA		R01AI079238	IMMUNOLOGICAL RESPONSE, VIRAL FACTORS AND HELMINTH INFECTIONS IN DISEASE EXPRESSI	\$79,386
2011	ST GEORGES HOSPITAL MEDICAL SCHOOL		R33AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$312,621
2011	MAHIDOL UNIVERSITY		R01AI089410	MAS-PCR RAPID SCREENING TEST FOR MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB)	\$123,664
2011	MURDOCH CHILDREN'S RESEARCH INSTITUTE		R01AI085198	THE SAFETY OF PNEUMOCOCCAL POLYSACCHARIDE VACCINE IN CHILDREN - A FOLLOWUP STUDY.	\$444,018
2011	ST GEORGES HOSPITAL MEDICAL SCHOOL		R21AI094515	MUCOSAL TISSUE EXPLANTS AS SURROGATES FOR IN VIVO EFFICACY OF MICROBICIDES	\$180,068
2011	CHONGQUING NORMAL UNIVERSITY		R01AI095184	PYRETHROID RESISTANCE IN MALARIA MOSQUITO ANOPHELES SINENSIS	\$108,000
2011	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in Haemophilus influenzae	\$45,192
2011	UNIVERSITY OF ADELAIDE		R01AI068715	CHARACTERIZATION OF A NOVEL AB5 CYTOTOXIN	\$257,004
2011	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$233,640
2011	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$1,157,642

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$1,257,524
2011	UNIVERSITY OF MELBOURNE		R21AI081541	ROLE OF HIV-SPECIFIC ADCC ACTIVITY IN PROGRESSION OF HIV-1 IN HUMANS	\$147,015
2011	INSTITUTO DE EFECTIVIDAD CLINICA Y SANITARIA		R01AI083229	PATIENT AND SYSTEM FACTORS ASSOCIATED WITH SUCCESSFUL TREATMENT OF TUBERCULOSIS	\$102,676
2011	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$841,253
2011	TUBERCULOSIS RESEARCH CENTRE		R01AI084390	HIV associated Lipodystrophy Syndrome in Children: Role of nutrition, ART & Genes	\$122,593
2011	INSTITUTE OF MOLECULAR /CELLULAR BIOLOGY		R01AI095183	Transcriptional regulation of lipid homeostasis in mycobacteria	\$98,739
2011	UNIVERSITY OF OTAGO		R01AI085072	MOLECULAR MECHANISM OF CELL-CELL SPREAD OF LISTERIA IN POLARIZED EPITHELIAL CELLS	\$261,381
2011	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$76,805
2011	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$1
2011	UNIVERSITY OF CAPE TOWN		R01AI075603	DIAGNOSTIC YIELD OF INDUCED SPUTUM FOR RAPID DIAGNOSIS OF PULMONARY TUBERCULOSIS	\$91,156
2011	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$247,210
2011	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$378,000
2011	INSTITUTE OF PRIMATE RESEARCH, NATL MUSEUMS OF KENYA		R01AI075682	THE EFFECT OF SCHISTOSOMIASIS ON SEVERE MALARIA IN A PRIMATE MODEL	\$77,080
2011	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI075589	VIRULENCE FACTORS IN THE PATHOGENESIS OF CHAGAS DISEASE	\$79,388
2011	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI069387	MODELING LYMPHATIC FILARIASIS TRANSMISSION AND ERADICATION IN PAPUA NEW GUINEA	\$0
2011	MOI UNIVERSITY COLLEGE OF HEALTH SCIENCES		R01AI084381	CAUSES OF EARLY MORTALITY IN HIV-INFECTED AFRICANS ON ANTIRETROVIRAL THERAPY	\$106,529
2011	UNIVERSITY OF BRITISH COLUMBIA		F32AI084427	The extent and limits of natural transformation in Haemophilus influenzae	\$7,850
2011	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,664,933
2011	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$282,933

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	STELLENBOSCH UNIVERSITY		U01AI069521	STELLENBOSCH UNIVERSITY CLINICAL TRIAL UNIT, CAPE TOWN, SOUTH AFRICA	\$2,021,622
2011	ADERA		U01AI069919	IeDEA West Africa Renewal 3	\$1,653,274
2011	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$261,549
2011	UNIVERSITY OF CALGARY		R21AI089963	ALUM'S ADJUVANTICITY	\$160,380
2011	UNIVERSIDAD PERUANA CAYETANO		R01AI075575	REGULATORY T CELLS IN AMERICAN TEGUMENTARY LEISHMANIASIS	\$76,307
2011	PUBLIC HEALTH FOUNDATION OF INDIA		R01AI084315	ASSESSMENT OF HIV INCIDENCE AND ITS DETERMINANTS IN A POPULATION-BASED LONGITUDIN	\$102,411
2011	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$488,948
2011	DRUGS FOR NEGLECTED DISEASES INITIATIVE		R01AI090592	K777 for treatment of Chagas Disease: IND-enabling Studies and IND Submission	\$670,044
2011	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI083162	NOVEL NUCLEOSOME COMPOSITION AND MODIFICATIONS IN PROTOZOAL PARASITE TOXOPLASMA G	\$111,258
2011	FUNDACION INSTITUTO LELOIR		R01AI095175	MECHANISMS OF DENGUE VIRUS GENOME ENCAPSIDATION AND UNCOATING	\$102,600
2011	UNIVERSITY OF CAPE TOWN		R01AI096735	An evidence based algorithm for diagnosis of tuberculosis in HIV patients	\$117,656
2011	CHIANG MAI UNIVERSITY		R01AI095166	INVESTIGATION OF THE CHARACTERISTICS AND PERSISTENCE OF MEMORY B CELLS FOLLOWING	\$99,426
2011	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$671,137
2011	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		U01AI069438	THE IMPACTA PERU CLINICAL TRIALS UNIT	\$2,280,954
2011	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$177,310
2011	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$473,067
2011	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U01AI069411	HIV/AIDS CLINICAL TRIAL UNIT IN NCAIDS, CHINA CDC	\$1,102,834
2011	UNIVERSIDAD PERUANA CAYETANO		P50AI074285	INNOVATIVE APPROACHES TO DIAGNOSIS AND CONTROL OF CHAGAS DISEASE (PERU TMRC)	\$647,189
2011	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$2,370,132
2011	UNIVERSITY OF CAPE TOWN		R01AI083156	MECHANISMS OF IMMUNE REGULATION IN MYCOBACTERIUM TUBERCULOSIS INFECTION	\$102,328

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2011	SMBD-JEWISH GENERAL HOSPITAL		R01AI077387	DEVELOPMENT OF THE GAG/LYSYL TRNA SYNTHETASE INTERACTION AS A TARGET FOR ANTI-HIV	\$596,085
2011	UNIVERSITY OF RIJEKA		R01AI083201	VIRAL EVASION OF NK CELLS	\$81,362
2011	UNIVERSIDAD DE BUENOS AIRES		R01AI079007	SIGNALING PATHWAYS THAT REGULATE IFN-G PRODUCTION IN HUMAN TUBERCULOSIS.	\$72,243
2011	BIOTA SCIENTIFIC MANAGEMENT		R01AI094456	Development of Novel Inhibitors of Clostridium difficile.	\$830,287
2011	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		R01AI090662	Validation of New Antimalarial Leads	\$1,238,884
2011	FUNDACAO OSWALDO CRUZ		U01AI069476	THE FIOCRUZ THERAPEUTIC AND PREVENTION HIV/AIDS CLINICAL TRIALS UNIT (FIOTRIALS)	\$2,760,701
2011	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		U01AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$1
2011	THE GHESKIO CENTERS		U01AI069421	GHESKIO HIV CLINICAL TRIAL UNIT	\$1,638,659
2011	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$4,732,001
2011	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$1,088,081
2011	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$425,149
2011	UNIVERSITY OF BRITISH COLUMBIA		U01AI074449	ADJUVANTS AND VIROSOMAL VACCINES FOR THE ELDERLY	\$262,580
2011	UNIVERSITY OF UPPSALA		U01AI065192	INNATE IMMUNITY IN CLINICAL ISLET TRANSPLANTATION: A CLINICAL STUDY (CIT0-01) IN	\$1
2011	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$61,671
2011	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI082734	DEVELOPMENT OF A FIELD APPLICABLE SCREENING TOOL (FAST) KIT FOR DETECTING RESISTA	\$395,886
2011	UNIVERSITY OF CAPE TOWN		R33AI073182	BCG AS AN HIV VACCINE VECTOR	\$317,032
2011	MANUEL PEREZ FOUNDATION		R01AI095173	Trypanosoma cruzi Antioxidant Systems, Virulence and Parasite Persistence in Chag	\$105,200
2011	EVA PERON ACUTE INTERZONAL GEN HOSPITAL		R01AI083188	DEVELOPMENT OF T CELL MEMORY IN HUMAN TRYPANOSOMA CRUZI INFECTION	\$102,083
2011	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078899	CELLULAR AND MOLECULAR PATHWAYS OF TUBERCULOSIS PROGRESSION	\$105,850
2011	UNIVERSITY OF CAPE TOWN		R01AI087915	Host determinants of protection against tuberculosis in adolescents	\$678,218
2011	SOUTHERN MEDICAL UNIVERSITY		R01AI083202	IMPACTS OF URBANIZATION ON VECTOR BIOLOGY AND TRANSMISSION OF DENGUE IN CHINA	\$105,959
2011	UNIVERSITY OF GOTEBORG		U01AI095473	The MUC2 Mucus Gel as an Innate Immune Mechanism that Inhibits Inflammation	\$226,800

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2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067467	FUNCTIONAL ROLE OF FC RECEPTOR HOMOLOGS ON B LINEAGE CELLS	\$313,683
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$278,829
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072647	REGULATION OF B LYMPHOCYTE SURVIVAL AND DIFFERENTIATION BY HSH2	\$313,683
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$362,588
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$127,765
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$360,432
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI081624	RECENT ADVANCES IN AIDS AND HIV RESEARCH	\$20,000
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083632	COPPER TRANSPORT IN MYCOBACTERIUM TUBERCULOSIS	\$358,962
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI094604	Penile transmission and neutralization of pathogenic SIVsmm	\$651,565
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K02AI076123	HETEROGENEITY IN CYTOKINE RESPONSES TO HIV-1 INFECTION	\$99,756
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$355,286
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089956	Congenital CMV and CNS Infection Mechanisms of Protective Immunity	\$589,230
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087360	VIREMIA COPY-YEARS: MEASURING THE EFFECT OF CUMULATIVE HIV BURDEN ON OUTCOMES	\$193,618
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI050066	ASSEMBLY OF NEGATIVE STRAND RNA VIRUS CORE	\$370,750
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$520,943
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$638,465
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073521	MECHANISM OF CELL SURFACE ASSEMBLY CATALYZED BY SORTASES	\$364,842
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI069505	ROLE OF IMMUNOGENETIC DETERMINANTS ON HUMAN GENITAL CHLAMYDIAL INFECTION	\$127,764
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI094961	Protective Effects of Anti-BclA Antibodies in Bacillus anthracis Infection	\$33,662
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087178	DEPLETION OF MYELOID-DERIVED SUPPRESSOR CELLS (MDSCS) IN HIV-1- INFECTION	\$217,553
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI093103	THE ROLE OF WCJE DISRUPTION IN PNEUMOCOCCAL SEROTYPE 11A HUMORAL ESCAPE	\$32,431

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2011	AUBURN UNIVERSITY	AL	R21AI090303	CHARACTERIZATION OF THE SODIUM CHANNEL MUTATIONS INVOLVED IN INSECTICIDE RESISTAN	\$261,687
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083705	Entry of antigen-presenting B cells into the follicle directed by IFNa and IL-17	\$366,250
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI089337	Chimeric adenoviruses for an improved HIV vaccine	\$366,250
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI047300	STRUCTURE STUDIES ON PROTEINS THAT MODULATE IL-10 ACTION	\$348,537
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$367,927
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI076056	SURVIVAL FACTORS REGULATING THE HIV-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSE	\$143,799
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$3,513,072
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI059428	CYTOMEGALOVIRUS AND CHRONIC RENAL ALLOGRAFT REJECTION	\$114,316
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083449	IMMUNOBIOLOGY OF BACILLUS ANTHRACIS SPORE-HOST INTERACTIONS	\$362,588
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087383	CLONING, CHARACTERIZATION AND IN VIVO TESTING OF MUCOSALLY TRANSMITTED SIV	\$107,359
2011	SOUTHERN RESEARCH INSTITUTE	AL	R21AI090397	MECHANISM OF METHYLTHIOADENOSINE NUCLEOSIDASE-MEDIATED INHIBITION OF BIOFILM FORM	\$290,249
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI090499	PHYSICIANS' INTENTIONS TO ADMINISTER HPV VACCINE	\$72,518
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI088439	THERAPEUTIC ANTITUMOR AND ANTIVIRAL POTENTIAL OF ALLOGENEIC GAMMA-DELTA T CELLS	\$181,294
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$355,286
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$323,066
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$590,618
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI031473	IMPACT OF A NEW GROUP 6 SEROTYPE ON PNEUMOCOCCAL VACCINES	\$243,974
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$4,129,317
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$515,030
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077574	CONTROL OF CHROMATIN LANDSCAPES IN EFFECTOR T CELL LINEAGE SPECIFICATIONS	\$367,094
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI084772	HIV-1 CRYPTIC EPITOPES: IMPLICATIONS FOR VACCINE DESIGN	\$501,903
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI082966	IL- 21 AND IMMUNE MEDIATED VIRAL CONTROL	\$465,926

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2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI085970	INTERLEUKIN-21 IMMUNE MEDIATED CONTROL OF HIV-1	\$30,640
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI090742	ROLE OF IG CDR-H3 IN RESPONSES TO HIV VACCINES	\$365,129
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI077457	HTS FOR INHIBITORS OF HIV-1 LATENCY ESTABLISHMENT	\$719,853
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074438	DYSREGULATION OF IGA RESPONSES IN HIV-1- INFECTED INDIVIDUALS	\$450,938
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI090902	HLA Region and KIR Genomics in Common Variable Immune Deficiency	\$570,645
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI087101	Structural basis for HIV-1 Gag interactions with cellular constituents	\$362,588
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI091705	MULTIPLE FUNCTIONS OF VEEV NSP3 IN VIRUS REPLICATION	\$366,250
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R56AI093151	IMMUNOBIOLOGY OF MUCOSAL SECRETIONS IN HIGHLY HIV-EXPOSED UNINFECTED WOMEN	\$366,250
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$377,460
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069452	ALABAMA-CLINICAL TRIALS UNIT	\$2,969,781
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$366,250
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$0
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI080669	FUSION INHIBITORS OF INFLUENZA VIRUS	\$432,295
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	\$2,501,661
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI088498	ROLE OF IMMUNOGLOBULIN CDR-H3 IN HETEROSUBTYPIC IMMUNITY TO INFLUENZA VIRUS	\$217,553
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$323,066
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$313,683
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$319,758
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$725,895
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$109,488
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$126,783
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076562	THE ROLE OF CD5 IN B-CELL DEVELOPMENT AND AUTOIMMUNITY	\$355,286
2011	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076389	MECHANISM OF MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$326,329
2011	SOUTHERN RESEARCH INSTITUTE	AL	R21AI090467	DESIGN OF MULTI-TARGET D-ALA-D-ALA LIGASE LIGANDS	\$320,320
2011	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI088418	DEVELOPMENT AND TESTING OF NOVEL GLANDERS VACCINE CANDIDATES	\$183,769

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2011	UNIVERSITY OF SOUTH ALABAMA	AL	R56AI091783	ANALYSIS OF A BURKHOLDERIA MALLEI VIRULENCE-ASSOCIATED TYPE VI SECRETION SYSTEM	\$334,125
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$353,529
2011	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$309,356
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI094168	MOLECULAR GENETIC CONTROL OF THE IMMATURE FEMALE MOSQUITO VECTOR	\$220,563
2011	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Biennial Meeting of the Chlamydia Basic Research Society	\$14,000
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI067857	REGULATION OF STAPHYLOCOCCUS AUREUS BIOFILM BY RBF	\$348,537
2011	UNIVERSITY OF ARKANSAS	AR	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	\$330,389
2011	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI077932	IMMUNOREGULATORY NETWORKS IN CHLAMYDIA GENITAL TRACT INFECTION	\$132,300
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI093126	A NANOTHERAPEUTIC APPROACH TO COMBAT STAPHYLOCOCCAL BIOFILM-ASSOCIATED INFECTION	\$359,800
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI037027	CAPSULE REGULATORY NETWORK IN S. AUREUS PATHOGENESIS	\$284,229
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$342,657
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI074935	REGULATION OF BIOFILM FORMATION IN CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS	\$311,427
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$356,202
2011	OCEAN NANOTECH LLC	AR	R43AI092962	QUANTUM DOT-BASED QUALITATIVE AND QUANTITATIVE MULTIPLEX STRIP TEST FOR MALARIA I	\$300,000
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI093695	HPV HELPER GENES FOR AAV	\$362,500
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI069087	DETECTION, DIAGNOSIS AND TREATMENT OF MUSCULOSKELETAL INFECTION	\$341,036
2011	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI085438	ANTIOXIDANT RESCUE OF ABSCOPAL MARROW SUPPRESSION BY ABDOMINAL RADIATION	\$179,438
2011	BLOOD SYSTEMS INC	AZ	R01AI074986	MODELING VIRAL ENTRY AND ITS INHIBITION USING SARS-COV	\$395,225
2011	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$373,663
2011	UNIVERSITY OF ARIZONA	AZ	R01AI042268	IMMUNOLOGIC, GENETIC AND EXPOSURE-RELATED PATHWAYS TO CHILDHOOD ASTHMA	\$699,314

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2011	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$377,438
2011	UNIVERSITY OF ARIZONA	AZ	R01AI083403	Alternaria proteases and protease defenses in asthma	\$315,624
2011	ARIZONA STATE UNIVERSITY	AZ	R21AI090416	A NOVEL SALMONELLA VACCINE TO PROTECT AGAINST EXTRA INTESTINAL PATHOGENIC E. COLI	\$188,719
2011	UNIVERSITY OF ARIZONA	AZ	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$371,213
2011	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	\$390,316
2011	ARIZONA STATE UNIVERSITY	AZ	R01AI096213	ANTIBODY BIOMARKERS FOR EARLY DETECTION OF TUBERCULOSIS	\$639,989
2011	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R01AI089846	Role of Macrophage Regulatory Cells (Mac-regs) in Immune Regulation	\$375,834
2011	UNIVERSITY OF ARIZONA	AZ	R21AI088392	IMPACT OF TLR2/ENVIRONMENT INTERACTIONS ON ASTHMA SUSCEPTIBILITY: MOUSE MODELS	\$193,781
2011	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI090782	Molecular Antibiotic Resistance Arrays for clinical microbiology laboratories	\$889,235
2011	ARIZONA STATE UNIVERSITY	AZ	R21AI095872	LIVE ATTENUATED YERSINIA AS VACCINES AGAINST PNEUMONIC PLAGUE	\$190,625
2011	UNIVERSITY OF ARIZONA	AZ	R01AI079030	ROLE OF NEISSERIA GCP IN TFP DYNAMICS AND INVASION	\$378,646
2011	UNIVERSITY OF ARIZONA	AZ	R01AI083927	DRUG TRANSPORT AT THE BLOOD-TESTIS BARRIER	\$374,963
2011	UNIVERSITY OF ARIZONA	AZ	R01AI081972	CD46 AS A SIGNALING INTERMEDIATE IN N. GONORRHOEAE INFECTION	\$374,963
2011	ARIZONA STATE UNIVERSITY	AZ	R01AI093348	Recombinant Attenuated Bacterial Vaccines Against Biodefense Agents	\$1,026,895
2011	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI082815	SCREENING TEST FOR HPV+ HEAD AND NECK CANCER	\$300,000
2011	UNIVERSITY OF ARIZONA	AZ	R01AI081742	Dynamic Regulation of Epithelial Cell Survival by Enteropathogenic E. coli	\$368,450
2011	UNIVERSITY OF ARIZONA	AZ	R01AI073745	INSULIN, IGF AND INSULIN SIGNALING: EFFECTS ON ANOPHELES LIFESPAN AND IMMUNITY	\$502,995
2011	UNIVERSITY OF ARIZONA	AZ	R01AI084691	Molecular Archeology of HIV	\$301,419
2011	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI075568	BURKHOLDERIA: INTERNATIONAL COLLABORATIVE DEVELOPMENT OF NOVEL DIAGNOSTICS	\$886,515
2011	ARIZONA STATE UNIVERSITY	AZ	R21AI092307	INCREASED RESISTANCE TO LOW PH TO IMPROVE SALMONELLA VACCINE IMMUNOGENICITY	\$228,750
2011	UNIVERSITY OF ARIZONA	AZ	R13AI094938	TWENTY SIXTH FUNGAL GENETICS CONFERENCE	\$15,000

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2011	UNIVERSITY OF ARIZONA	AZ	R56AI093636	MOUSE MODELS FOR THE FUNCTIONAL ANALYSIS OF ASTHMA-ASSOCIATED HUMAN POLYMORPHISMS	\$378,750
2011	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$367,791
2011	UNIVERSITY OF ARIZONA	AZ	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	\$364,161
2011	ARIZONA STATE UNIVERSITY	AZ	R01AI060557	Salmonella Vaccines Against Bacterial Enteropathogens	\$437,283
2011	UNIVERSITY OF ARIZONA	AZ	R01AI088092	Nitrogen Metabolism in Aedes Aegypti Mosquitoes	\$356,316
2011	UNIVERSITY OF ARIZONA	AZ	R56AI091843	ON THE EDGE: AEDES AEGYPTI DYNAMICS ON THE BOUNDARY OF ITS NATURAL RANGE.	\$442,001
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070967	IN VIVO ANALYSIS OF T LYMPHOCYTES IN THE PERSISTENTLY INFECTED CNS	\$455,501
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$464,225
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$334,234
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$516,226
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$475,359
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$1,256,034
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$274,950
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$465,467
2011	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$286,680
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$472,725
2011	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$313,632
2011	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	U01AI069496	SAN FRANCISCO VACCINE AND PREVENTION UNIT	\$1,397,615
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$464,322
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,683,830
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$390,013
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$376,123
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$418,773
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$391,324

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2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$502,969
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$510,280
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI075985	VIROLOGIC AND HOST FACTORS CONTRIBUTING TO HIV CONTROL IN ELITE CONTROLLERS	\$125,820
2011	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$216,152
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$331,350
2011	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$242,053
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$557,488
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$371,372
2011	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$478,037
2011	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$453,945
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI078869	INNATE IMMUNE REGULATION OF INFLAMMATION AND ADAPTIVE IMMUNITY	\$1,733,579
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$416,568
2011	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	TOX, A Novel Regulator of Thymocyte Selection	\$408,375
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI069993	TARGETING NEUTRALIZING ANTIBODY-DEFINED SITES ON HIV GP41 FOR VACCINE DESIGN	\$455,501
2011	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$213,517
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI070955	IDENTIFICATION OF VACCINE ANTIGENS BASED ON EXPRESSION IN BLOOD	\$392,040
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$740,101
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI074022	A NOVEL COMPUTATIONAL MODEL OF B CELL SIGNALING AND ACTIVATION	\$280,528
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$391,803
2011	SCRIPPS RESEARCH INSTITUTE	CA	U01AI082190	SMALL MOLECULE THERAPEUTICS FOR BOTULLINUM NEUROTOXIN A	\$1,157,253
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$440,310
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI087528	A natural host model for microsporidia pathogenesis in the intestine	\$382,388
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI073488	HUMAN GENETIC SUSCEPTIBILITY TO TROPICAL INFECTIOUS DISEASES	\$126,630

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2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI084544	EARLY MORTALITY IN HIV INFECTED PATIENTS STARTING ANTIRETROVIRAL THERAPY IN AFRIC	\$123,710
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$249,306
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$1
2011	STANFORD UNIVERSITY	CA	R01AI073724	MICRORNAS AS T CELL SENSITIVITY RHEOSTATS	\$401,600
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI084317	THE NOVEL PROTEIN, FIML, REGULATES VIRULENCE IN PSEUDOMONAS AERUGINOSA	\$30,941
2011	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI083060	PREVENTION UMBRELLA FOR MSM IN THE AMERICAS	\$1,323,041
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$2,342,929
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI090277	NATURALLY OCCURRING DOG MODEL FOR INHERITED AUTOINFLAMMATORY DISEASES IN CHILDREN	\$189,905
2011	CALIFORNIA STATE UNIVERSITY FOUNDATION, DOMINGUEZ HILLS	CA	SC2AI087993	ETHNIC DISPARITIES IN THE PSYCHOSOCIAL AND NEUROCOGNITIVE PREDICTORS OF HEALTH OU	\$139,174
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077644	Chemical Strategies to Manipulate A1-2 Signaling in Bacterial Pathogens	\$470,003
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091100	MECHANISM OF INNATE IMMUNE RECOGNITION OF CYCLIC-DI-GMP	\$51,326
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI085022	2006 ELECTRONIC PRESENTATION - SPLIT RATE MODULES	\$181,940
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$470,003
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI088822	THE TRANSCRIPTIONAL NETWORK CONTROLLING CANDIDA ALBICANS BIOFILM FORMATION	\$54,734
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083311	The transcriptional circuitry controlling biofilm development in Candida albicans	\$328,776
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$358,288
2011	LANCELL, LLC	CA	R44AI072925	TOPICAL ADJUVANTS TO ENHANCE THE EFFICACY OF INFLUENZA VACCINES	\$614,206
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$9,424
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$365,809
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI090487	TARGETING INFLAMMASOME MEDIATED DISORDERS WITH GREEN TEA	\$191,194

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2011	ARRAYOMICS INC	CA	R44AI077249	LIQUID ARRAY PROTEIN ASSAY PLATFORM	\$631,188
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI084372	SMALL MOLECULE ACTIVATION OF INNATE IMMUNITY BY LISTERIA MONOCYTOGENES	\$48,398
2011	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$522,477
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095057	Tat cofactors and control of HIV-1 latency	\$376,822
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083113	HCV resolution correlates with patterned KIR expressions on lymphocytes.	\$405,307
2011	STANFORD UNIVERSITY	CA	F32AI085959	THE MHC OF WILD CHIMPANZEES: GENETIC VARIATION, DISEASE AND REPRODUCTIVE SUCCESS	\$48,398
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI080938	OX40/OX40L interactions in allergen-induced airway inflammation and remodeling	\$132,300
2011	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$192,527
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI094180	ATHEROSCLEROSIS: CYTOMEGALOVIRUS, SHEAR STRESS, AND ENDOTHELIAL CELLS	\$223,323
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI088790	Bay Area Hepatitis C Cooperative Research Center	\$709,063
2011	SOMAGENICS, INC	CA	R44AI074256	CHEMICAL STABILIZATION OF SHRNAs AND THEIR DEVELOPMENT AS HEPATITIS C DRUGS	\$1,000,000
2011	R.I. CHEMICAL INC	CA	R43AI094732	SELECTION OF THE OPTIMAL NUCLEOSIDE TRIPHOSPHATE MIMIC PRODRUG INHIBITOR OF HCV R	\$300,000
2011	STANFORD UNIVERSITY	CA	R01AI093625	LEUKOCYTE SIGNALING IN THE ELDERLY AND VACCINE IMMUNOGENICITY	\$396,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI085028	MICROBIOME ANALYSIS OF HUMAN ORAL BACTERIOPHAGE COMMUNITIES	\$132,786
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092525	IKKA-DEPENDENT NEGATIVE FEEDBACK CONTROL OF NON-CANONICAL NF-KB ACTIVATION	\$225,439
2011	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI093278	Pure and Authentic HIV-1 Env Immunogens	\$455,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Peruvian/Brazilian Amazon Center of Excellence in Malaria	\$1,665,196
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093451	Boosting Innate Immunity Through HIF to Treat Antibiotic-Resistant Infections	\$1,036,121
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI096226	Multiplex fluorescence optofluidic microscopy for diagnosis of enteric parasites	\$1,208,867
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI085077	Understanding the Role of Nucleosome Turnover in the Malaria Parasite	\$401,721
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092218	QUANTIFYING DIFFERENTIAL CD4 AND CCR5 USAGE PATTERNS AMONGST HIV-1/SIV STRAINS	\$190,575
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI096528	Microbiota outgrowth by Salmonella	\$378,064

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2011	ARISAN THERAPEUTICS INC	CA	R43AI093035	DEVELOPMENT OF NOVEL BROAD-SPECTRUM INFLUENZA A INHIBITORS	\$223,202
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI096158	TB GUIDLINE OBSERVATION AND ADHERENCE IN LOW INCOME COUNTRIES (TB GOAL)	\$176,237
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI093135	HIV NEUTRALIZING ANTIBODIES INDUCED BY CHEMICALLY MODIFIED MPR EPITOPES	\$193,125
2011	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI096908	ORIGAMI MALE CONDOM-3: FEASIBILITY & ACCEPTABILITY STUDY, PHASE 1 CLINICAL RESEAR	\$237,700
2011	ADURO BIOTECH	CA	R43AI088940	DEVELOPMENT OF A LISTERIA MONOCYTOGENES - BASED THERAPEUTIC HBV VACCINE	\$188,315
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI094433	CHEMICAL METHODS FOR FERROUS IRON TARGETED DRUG DELIVERY	\$207,625
2011	SCRIPPS RESEARCH INSTITUTE	CA	F32AI096824	SPHINGOSINE ANALOGS ABORT CYTOKINE STORM FOLLOWING INFLUENZA VIRUS INFECTION	\$48,398
2011	TRELLIS BIOSCIENCE LLC	CA	R43AI096620	THERAPEUTIC ANTIBODIES FOR RABIES	\$299,876
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091851	Mechanisms of Host Cell Infection by Chlamydia	\$383,750
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI095687	HCV IRES CONTROL OF HUMAN TRANSLATIONAL INITIATION	\$627,169
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI095324	DISCOVERY OF OXABOROLAS AS NEW ANTIMALARIAL AGENTS	\$718,136
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$464,322
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI095587	HOST-PATHOGEN INTERACTIONS BETWEEN SALMONELLA AND TOLL-LIKE RECEPTORS	\$375,734
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$372,830
2011	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$398,166
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI076544	THE IDENTIFICATION OF RISK FACTORS FOR THE COMPLEX MS PHENOTYPE	\$713,875
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$4,153,957
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$424,974
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI072581	THE P62/ATYPICAL PKC SIGNALING COMPLEX IN TH2 DIFFERENTIATION AND ASTHMA	\$467,998
2011	STANFORD UNIVERSITY	CA	R01AI031168	ORIGINS OF DIVERSITY AT HUMAN CLASSICAL MHC CLASS I GENES	\$396,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069401	UCLA LOS ANGELES BRAZIL AIDS CONSORTIUM	\$2,307,974
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$207,088
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073868	SELECTIVE GENE ACTIVATION BY THE NF-KAPPAB FAMILY OF TRANSCRIPTION FACTORS	\$363,168

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2011	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$530,479
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$144,347
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046967	THREE-DIMENSIONAL HIV RNA GENOME TARGETED DRUG LEADS	\$378,564
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$451,352
2011	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$439,019
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$344,149
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI021372	THE REGULATION OF T CELL DEVELOPMENT	\$481,955
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$347,625
2011	STANFORD UNIVERSITY	CA	R01AI041014	DEVELOPMENTAL BIOLOGY OF TOXOPLASMA	\$339,485
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$411,817
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$369,799
2011	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$374,963
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$123,555
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI040124	ANALYSIS OF SALMONELLA TYPHIMURIUM ADHESINS	\$359,613
2011	J DAVID GLADSTONE INSTITUTES	CA	U01AI064002	CHEMOPROPHYLAXIS FOR HIV PREVENTION IN MEN	\$4,388,511
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$378,400
2011	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$2,879,059
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$382,388
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$386,250
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI076972	PROGRAMMING OF CD8+ T CELL TOLERANCE BY B CELL APC	\$449,155
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$454,500
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatistics TRAINING FOR AIDS RESEARCH	\$250,898
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075527	NEXT-GENERATION 5-NITROIMIDAZOLES AGAINST GIARDIASIS	\$1,036,268
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI072052	MECHANISMS OF ALS VACCINE PROTECTION AGAINST S. AUREUS	\$360,164

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2011	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070351	EFFECTS OF INSULIN-DEPENDENT DIABETES RESISTANCE ALLELES ON CD8 TOLERANCE IN NOD	\$833,614
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$323,795
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$393,265
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI075317	TRANSPLANTATION: ALLOIMMUNE NETWORKS	\$264,995
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI077058	TAM RECEPTOR REGULATION OF INNATE IMMUNITY	\$469,223
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068685	THE DIVERSE CONTRIBUTION OF TLR PATHWAYS TO INTESTINAL HOMEOSTASIS	\$371,372
2011	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$159,613
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI078885	IDENTIFYING MICROORGANISMS INVOLVED IN HUMAN HEALTH AND DISEASE PROCESSES	\$349,080
2011	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$930,418
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$406,406
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074694	REGULATION OF LYMPHOCYTE TRAFFICKING BY S1P1 AND CD69	\$302,851
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048034	Regulation of NF-Kappa B	\$715,263
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080564	IFN-A AND PDC IN HIV INFECTION: IMPACT ON T CELL DEVELOPMENT AND RECONSTITUTION	\$344,226
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI081719	ACTIVATED TARGETED KILLER (ATAK) CELLS FOR INVASIVE FUNGAL INFECTIONS	\$346,248
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI081037	ROLE OF H. PYLORI OUTER MEMBRANE PROTEINS IN COLONIZATION AND HOST RESPONSE	\$225,874
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$403,557
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI076504	HIGH-THROUGHPUT ASSAY DEVELOPMENT FOR SCREENING INHIBITORS OF SUMO LIGASES	\$342,725
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI088471	DEVELOPMENT AND IMMUNOGENICITY OF ATTENUATED RHCMVDELTA10 VACCINE VECTORS	\$189,857
2011	STANFORD UNIVERSITY	CA	K08AI080945	PROTEOMIC ANALYSES OF PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS	\$130,761
2011	SAN FRANCISCO STATE UNIV	CA	SC2AI089120	MALARIA ERYTHROCYTE BINDING-LIKE GENES & HOST SPECIFICITY IN A NATURAL POPULATION	\$150,445
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094561	Modeling HIV-1 primary transmission in vitro and in vivo	\$500,411

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI080799	SYSTEMS BIOLOGY APPROACH TO MAPK REGULATION OF MALARIA INFECTION IN A. STEPHENSI	\$698,088
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077661	INTESTINAL PHYSIOLOGY IN THE HOST RESPONSE TO ENTERIC SALMONELLA INFECTIONS	\$500,671
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$302,851
2011	LA JOLLA BIOENGINEERING INSTITUTE	CA	R01AI082610	NITRIC OXIDE RESTORATION & HEME DETOXIFICATION AS ADJUNCTIVE THERAPIES FOR CEREBR	\$403,704
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI076396	THE ROLE OF TRANSMETHYLATION REACTIONS IN AUTOIMMUNITY	\$465,302
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083358	Skin Microbiome in epidermal immune defense	\$382,388
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI085583	POLYPEPTIDE DESIGN WITH PROTEOMIC SCOPE VIA MICROFLUIDIC MRNA DISPLAY	\$483,504
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091068	Control of intestinal microflora and inflammation by immune sensing of flagellin	\$51,326
2011	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI089378	REFOCUSING THE IMMUNE RESPONSE TO THE HIV ENVELOPE GLYCOPROTEIN	\$708,791
2011	OSEL, INC	CA	R33AI071978	DEVELOPMENT OF A LIVE TOPICAL MICROBICIDE FOR WOMEN	\$364,466
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI088351	HIV STATUS AND REPRODUCTIVE AGING AFFECT LIVER FIBROSIS IN HIV/HCV INFECTED WOMEN	\$204,372
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI082263	AN ENGINEERED MENINGOCOCCAL OMV VACCINE FOR AFRICA AGAINST ALL CAPSULAR GROUPS	\$477,792
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI088122	THE SALMONELLA BIOCHEMISTRY OF INFLAMMATION	\$223,157
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085374	FUNCTIONAL GENOMIC TOOLS FOR IN VIVO STUDY OF P. VIVAX	\$282,002
2011	LA JOLLA INFECTIOUS DISEASE INSTITUTE	CA	R03AI088283	ROLE OF PLATELET CD40 IN EXPERIMENTAL CEREBRAL MALARIA COAGULOPATHY	\$96,525
2011	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI087164	Gene expression biomarkers of immune recovery in HIV infected patients	\$350,460
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	P01AI090935	Global innate immune responses to HIV-1 infection	\$4,074,664
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI092453	Specificity of CD8 cells in islets from type 1 diabetes patients	\$401,400
2011	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R21AI094508	THERMOSTABLE VAGINAL PROBIOTIC MICROBICIDE	\$332,766
2011	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	\$846,903
2011	STANFORD UNIVERSITY	CA	R37AI036929	Actin-Based Motility of a Bacterial Pathogen	\$304,808

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2011	STANFORD UNIVERSITY	CA	R21AI085178	IDENTIFICATION OF ENTAMOEBA SMALL RNAS BY PYROSEQUENCING	\$198,000
2011	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI092204	Antibody Reptoire Characterization in Celiac Disease	\$313,471
2011	CARDINAL THERAPEUTICS INC	CA	R43AI094947	ALPHA B CRYSTALLIN AS A NOVEL THERAPEUTIC FOR SIRS AND SEPSIS	\$275,797
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI091914	Structures and Functions of RNA Editing TUTases	\$382,500
2011	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI091574	FEMALE CONDOM-ORIGAMI FC FEASIBILITY STUDY - CLINICAL RESEARCH	\$291,950
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI084883	FUNCTIONAL DISTINCTIONS OF IGM VS. IGG-CONTAINING B CELL RECEPTORS	\$189,090
2011	PLANET BIOTECHNOLOGY INC	CA	R43AI091091	PLANT-MADE NANOBODIES FOR BOTULISM TREATMENT	\$236,847
2011	VENTRIA BIOSCIENCE	CA	R44AI081339	PRODUCTION OF OSPA IN RICE FOR THE CONTROL OF LYME DISEASE	\$296,879
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI092135	Mechanisms of tissue damage leading to chronic allergic eosinophilic esophagitis	\$386,250
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI085961	IDENTIFICATION OF FACTORS CONTRIBUTING TO GROUP BEHAVIOR IN AFRICAN TRYPANOSOMES	\$33,134
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI081901	TOWARDS A STRUCTURAL SYSTEMS BIOLOGY APPROACH FOR ANTI-TRYPANOSOMAL THERAPEUTICS	\$108,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092280	DEVELOPMENT OF A BROADLY NEUTRALIZING INFLUENZA VIRUS VACCINE	\$236,875
2011	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R21AI095831	LYMPHOID SIGNALS FOR STROMAL GROWTH AND ORGANIZATION IN THE THYMUS.	\$297,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046643	Immunomodulation of transplant rejection by Anti-CD3 mAb	\$347,625
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI093998	Viruis Dynamics and Multiple Infection of Cells: Computational and Experimental A	\$388,951
2011	STANFORD UNIVERSITY	CA	R01AI089722	Innate Immune Recognition of Intracellular Salmonella	\$398,996
2011	STANFORD UNIVERSITY	CA	R21AI095813	IMMUNOGLOBULIN AS A NOVEL LIGAND FOR HLA-DM	\$237,000
2011	TOURO UNIVERSITY	CA	R21AI093243	RATIONAL DESIGN OF INDOLE COMPOUNDS AS HIV FUSION INHIBITORS	\$204,042
2011	DIAGNOSTICS FOR THE REAL WORLD LIMITED	CA	R43AI097120	SAMBA HIV-1 Semi-quantitative Test for resource limited settings	\$300,000
2011	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R37AI047822	Intestinal Lymphocyte Trafficking	\$347,500
2011	EXCELL THERAPEUTICS LLC	CA	R43AI084359	GENERATION OF REGULATORY T CELLS EX-VIVO FOR THE TREATMENT OF SYSTEMIC LUPUS ERYT	\$245,176
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI091656	Structural and functional studies of M. tuberculosis type VII secretion	\$129,060

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2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI093531	Mechanism of Bach1-Mediated Transcriptional Regulation and Immune Function	\$405,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R33AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$568,500
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI092531	Population genomic analysis of gut microbial colonization in premature infants	\$698,715
2011	SORRENTO THERAPEUTICS INC	CA	R41AI096839	A VACCINE AGAINST CLOSTRIDIUM DIFFICILE INFECTIONS	\$299,999
2011	SCRIPPS RESEARCH INSTITUTE	CA	R56AI091832	INVESTIGATING THE MOLECULAR BASIS OF PRIMAQUINE RESISTANCE	\$473,750
2011	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI020720	MECHANISMS OF CHRONIC HEPATITIS B INFECTION AND THERAPEUTIC VACCINES	\$777,154
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067888	RECOMBINANT C. TRACHOMATIS VACCINE	\$366,564
2011	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$389,590
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076670	CERVICAL MATURITY, MUCOSAL IMMUNITY, AND CHLAMYDIA TRACHOMATIS INFECTION	\$124,200
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI069296	INDIRECT RECOGNITION OF MICROBES BY NKT CELLS	\$410,600
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070845	INOSITOL-TRISPHOSPHATE KINASE B (ITPKB) IN T CELL DEVELOPMENT AND FUNCTION	\$464,322
2011	STANFORD UNIVERSITY	CA	R01AI039624	T-CELLS IN LUNG INFLAMMATION	\$345,150
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI036964	EPITHELIAL T CELL SECRETION OF TISSUE SPECIFIC CYTOKINES	\$417,891
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069317	ENVELOPE-RECEPTOR INTERACTIONS IN NIPAH AND HENDRA VIRUS PATHOBIOLOGY	\$326,031
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$364,807
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039548	THE ENDOGENOUS MHC CLASS I ANTIGEN PROCESSING PATHWAY	\$368,760
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$376,113
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050587	MODELING COMPLEX PHARMACOKINETICS AND PHARMACODYNAMICS	\$264,995
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$365,915
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI043274	INTESTINAL CYTOKINE AND T CELL HOMEOSTASIS IN SIV INFECTION	\$684,781
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$320,705
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI026328	T-CELL MEDIATED IMMUNITY IN CHLAMYDIA GENITAL INFECTION	\$376,534
2011	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$390,924
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069436	UZ-UCSF CLINICAL TRIALS UNIT	\$12,503,806

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2011	STANFORD UNIVERSITY	CA	U01AI069556	STANFORD AIDS CLINICAL TRIALS UNIT	\$815,537
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI072645	CELLULAR FACTORS IN GAMMARETROVIRUS REPLICATION	\$427,389
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$667,670
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$385,000
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$359,448
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5 noncoding region functions	\$358,983
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$386,250
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$405,736
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$1,922,209
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$454,500
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of temporal gene regulation in Chlamydia	\$387,306
2011	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$550,214
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$319,877
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040098	BETA LYMPHOCYTE MIGRATION AND HOMEOSTASIS	\$334,234
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$454,500
2011	PLANET BIOTECHNOLOGY INC	CA	R44AI053005	NOVEL THERAPY FOR PULMONARY ANTHRAX	\$1,000,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$285,590
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$3,369,824
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$647,238
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$542,995
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$468,981
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$443,226
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072012	NEW ANTIVIRAL THERAPIES FOR HEPATITIS C INFECTION	\$353,867
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$390,589
2011	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,123,645
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI069989	AN IN VITRO SYSTEM TO STUDY ANTIVIRAL STRATEGIES AGAINST HEPATITIS C VIRUS	\$116,370
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$311,520

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$464,322
2011	CEDARS-SINAI MEDICAL CENTER	CA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	\$402,004
2011	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	\$315,789
2011	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$374,398
2011	SCRIPPS RESEARCH INSTITUTE	CA	K08AI091641	GENETIC DISSECTION OF VIRAL PERSISTENCE	\$114,750
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K22AI085025	MECHANISM OF RETINOIC ACID RECEPTOR INDUCED INNATE IMMUNE RESPONSES	\$108,000
2011	GENEFLUIDICS INC	CA	R43AI088756	RAPID ANTIMICROBIAL SUSCEPTIBILITY TEST CARTRIDGE FOR RESOURCE-LIMITED SETTINGS	\$358,327
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$378,675
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	\$343,035
2011	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$392,318
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI095623	Th17 subsets: Differential roles in immune defense mechanisms at the G-I mucosa	\$328,313
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI088292	MITOCHONDRIAL RIBOSOMES AND RELATED RNP COMPLEXES IN TRYPANOSOMA BRUCEI	\$210,276
2011	STANFORD UNIVERSITY	CA	R21AI090448	MICROFLUIDIC DIAGNOSTICS FOR PRIMARY IMMUNODEFICIENCY	\$198,000
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI085568	LONG-LIVED B CELL IMMUNITY IN THE RESPIRATORY TRACT	\$375,352
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089498	Analysis of immunotherapeutics to native Marburg virus epitopes	\$504,621
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	\$374,453
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088326	MOBILE PHONE-BASED VIDEO DIRECTLY OBSERVED THERAPY FOR TUBERCULOSIS	\$180,203
2011	STANFORD UNIVERSITY	CA	R01AI085024	GENE AND CYTOKINE EXPRESSION IN TOLERANCE AND GVHD	\$392,040
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI088393	SUPPRESSION OF IMMUNE FUNCTIONS BY A PEPTIDE BLOCKING FUNCTION OF CRAC CHANNELS	\$190,575
2011	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$1,087,698

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2011	SORRENTO THERAPEUTICS INC	CA	R41AI091275	EVALUATION OF STAPHYLOCOCCUS AUREUS AGR-BASED QUORUM SENSING AS VACCINE CANDIDATE	\$300,000
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI087307	HIV PATHOGENESIS AND IMMUNITY IN VIREMIC NON-PROGRESSORS	\$189,660
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI080931	Chemical Studies in Bacterial Cell Biology	\$366,641
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI094009	HUMAN IMMUNE SYSTEM LAYERING AND THE NEONATAL RESPONSE TO VACCINES	\$231,750
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI088626	PROBIOTIC THERAPIES FOR FOOD ALLERGIES	\$160,380
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI094943	Primary Immune Deficiency Treatment Consortium Annual Scientific Meeting	\$20,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095437	Structure-Aided Design of CYP51 Inhibitors for Treatment of Parasitic Infections	\$448,909
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091536	Bacteria Based Agents for Therapy of AIDS Associated Infections	\$83,874
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$1,169,449
2011	MAGNESENSORS, INC	CA	R43AI093039	OPTIMIZED MAGNETIC NANOPARTICLE LABELS FOR ULTRA-SENSITIVE SEPSIS DIAGNOSTICS	\$194,464
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R21AI088481	RASCAL: A NEW TROPISM DETERMINANT ENCODED BY HUMAN CYTOMEGALOVIRUS?	\$243,000
2011	STANFORD UNIVERSITY	CA	R21AI094887	TRANSCRIPTOME ANALYSIS OF ENTAMOEBIA DEVELOPMENT USING RNA-SEQUENCING	\$237,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI087382	ADDRESSING INTRA-/INTER-CLADE DIVERSITY IN HIV VACCINE DESIGN BY IMMUNE FOCUSING	\$255,564
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI096809	INFECTION, INFLAMMATION, IMMUNITY	\$3,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$372,370
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI094620	SIV Transmission in Male NHP	\$723,453
2011	STANFORD UNIVERSITY	CA	R37AI047365	Structure and Function of the Hepatitis C Virus Genome	\$435,304
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI090446	HIGH-THROUGHPUT ASSAYS TO IDENTIFY INHIBITORS OF CARD-CARD INTERACTIONS	\$235,001
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI095118	INVESTIGATING AN INTERFACE BETWEEN GP120 AND GP41 FOR HIV ENTRY INHIBITION	\$331,625
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R03AI094211	REPORTING IL-17 IN TYPE 1 DIABETES	\$95,500
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI085175	Ecological and genetic determinants of malaria transmitting behaviors in the Afri	\$589,104
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI095319	Surveillance of Serum Contents by Mast Cells and Regulation of Allergic Immunity	\$127,440

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2011	TRELLIS BIOSCIENCE LLC	CA	R43AI096625	THERAPEUTIC ANTIBODIES FOR BACTERIA	\$300,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI094048	A Drosophila model for NFkB and prostaglandin dependent inflammatory response	\$231,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI093615	Effector and regulatory T cell responses and protection from clinical malaria	\$644,253
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI095034	Molecular Epidemiology and Geospatial Analysis of TB Transmission in Uganda	\$127,440
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089854	Functional Analysis of MicroRNAs in Lymphocyte Development and Immune Tolerance	\$309,927
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$105,483
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI079287	ONTOGENY AND FUNCTION OF ZEBRAFISH ANTIGEN PRESENTING CELLS	\$386,354
2011	SCRIPPS RESEARCH INSTITUTE	CA	R56AI096861	NCRNA TARGETED EXCISION OF HIV-1 FROM HUMAN CELLS	\$473,750
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067752	INNATE IMMUNITY AND THE IKKI COMPLEX IN RHEUMATOID ARTHRITIS (RA) SYNOVIUM	\$334,234
2011	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI065937	B CELL REGULATION OF DIABETOGENIC ACTIVITY	\$437,473
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$546,576
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$286,545
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077607	UNDERSTANDING AND MANIPULATING THE T CELL CONTRACTION PHASE	\$464,322
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell Surface Protein Anchoring and Function in Gram-Positive Bacteria	\$318,034
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI052065	HCV AND HIV PROGRESSION IN WOMEN ON HAART	\$576,980
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI051354	REGULATION OF HUMORAL IMMUNITY TO INFLUENZA VIRUS	\$572,164
2011	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI014032	Pathogenesis and Treatment of Experimental Peritonitis	\$356,400
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040696	REGULATION OF HBV REPLICATION BY THE IMMUNE SYSTEM	\$464,322
2011	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$298,315
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$464,322
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$492,942
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$615,364
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI056324	NLR FAMILY PROTEINS: MECHANISMS AND REGULATION	\$467,998
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI021786	REGULATION OF THE DEVELOPMENT OF TRYPANOSOMA BRUCEI	\$382,388

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,920,591
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI043203	HIV-1 ESCAPE FROM INHIBITION BY CYTOTOXIC T LYMPHOCYTES	\$439,599
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI053331	T cell regulation by N-glycosylation	\$427,034
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069536	UNIVERSITY OF CALIFORNIA, SAN DIEGO CLINICAL TRIAL UNIT	\$1,051,329
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$133,342
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$590,511
2011	STANFORD UNIVERSITY	CA	R01AI053846	VARICELLA-ZOSTER VIRUS: TEGUMENT PROTEINS IN PATHOGENESIS	\$466,315
2011	J DAVID GLADSTONE INSTITUTES	CA	R01AI062333	CHEMOPROPHYLAXIS AND HIV-HOST INTERACTIONS	\$876,529
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$427,490
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$410,850
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$503,474
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$698,488
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$370,096
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$339,664
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R37AI029329	ENHANCING THE INTRACELLULAR FUNCTIONING OF ANTI-HIV RNAS	\$671,040
2011	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$1,699,460
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$94,333
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$375,241
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$8,985,358
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$381,150
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075410	RESEQUENCING MICROARRAY FOR RAPID DETECTION & ANTIMICROBIAL RESISTANCE PROFILING	\$668,627
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067403	MUTATIONAL AND BIOCHEMICAL ANALYSIS OF FGD2 AND FGD3	\$364,401
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069015	HCMV ENVELOPE AND TEGUMENT STRUCTURES: MECHANISMS OF VIRAL ENTRY AND ASSEMBLY	\$286,787
2011	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$380,719

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080715	BACTERIAL QUORUM SENSING AS TARGET FOR ANTI-INFECTIVE IMMUNOTHERAPY	\$465,302
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U19AI083025	HOST-PATHOGEN COMPETITION IN IFN MEDIATED ANTIVIRAL DEFENSE	\$1,932,378
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088147	INDIGENOUS FREE FATTY OLEIC ACID AGAINST MRSA SKIN INFECTION	\$202,876
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$3,056,720
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076614	TRANSLATIONAL STUDIES OF PLASMODIUM FALCIPARUM INFECTION DYNAMICS	\$121,770
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI076246	HOST INTERACTIONS OF SALMONELLA TYPHIMURIUM	\$502,534
2011	WAVE 80 BIOSCIENCES INC	CA	R44AI073221	CARTRIDGE-FORMAT BRANCHED DNA SYSTEM FOR HIV VIRAL LOAD MEASUREMENT IN LOW-RESOUR	\$699,623
2011	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081668	HIV-1 VPU AND BST-2/CD317	\$346,955
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	F32AI082935	THE STRUCTURE, DYNAMICS AND FUNCTION OF THE PORE-FORMING TOXIN OF ANTHRAX	\$51,326
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070902	THE IMMUNOGENETICS OF MACAQUES USED IN BIODEFENSE RESEARCH	\$403,557
2011	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$869,349
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080778	PATHOGENESIS OF LUPUS DERMATITIS	\$377,339
2011	VAXART INC	CA	R44AI074216	ENHANCED ORAL VACCINE DELIVERY VEHICLE	\$975,540
2011	LAWRENCE BERKELEY LABORATORY	CA	R01AI082376	PAN GENOMIC DISCOVERY OF GENES TOXIC TO BACTERIA	\$394,568
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI078272	MECHANISMS OF PROTEIN UBIQUITINATION IN REGULATING AIRWAY INFLAMMATION	\$403,557
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI078848	FUNGAL CALCIUM CHANNELS AS THERAPEUTIC TARGETS FOR AIDS-ASSOCIATED OPPORTUNISTIC	\$371,685
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083083	HIV-1 Nef's Role in Pathogenesis in vivo	\$377,339
2011	SOLULINK INC	CA	R43AI091340	MULTIPLEXED VACCINE TITER TEST	\$300,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI083784	BINATIONAL TRANSMISSION OF MULTIDRUG-RESISTANT TUBERCULOSIS, CALIFORNIA & MEXICO	\$121,770
2011	IBIS BIOSCIENCES INC	CA	R21AI085388	HIGH PERFORMANCE MASS SPECTROMETRY FOR DIAGNOSIS OF FUNGAL PATHOGENS	\$218,688
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI082320	MECHANISMS OF SALMONELLA BACTEREMIA IN PEDIATRIC MALARIA	\$182,119
2011	UNIVERSITY OF CALIFORNIA	CA	T32AI074550	TRAINING PROGRAM IN THE BIOLOGY OF DISEASE VECTORS	\$185,781

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071084	PROBING THE ANTIBODY RESPONSE TO HCV TO FACILITATE RATIONAL IMMUNOGEN DESIGN	\$618,839
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	\$128,250
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI083821	GAMMAHERPESVIRUS PATHOGENESIS: ROLE OF HEPARAN SULFATE IN VIVO	\$181,031
2011	AVIDBIOTICS CORPORATION	CA	R43AI088863	CREATE, EVALUATE AND DEVELOP PRE-CLINICALLY AN ENGINEERED R-TYPE PYOCIN TO SPECIF	\$228,071
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R21AI090345	NEISSERIA MENINGITIDIS IG BINDING PROTEIN VACCINE	\$198,619
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084109	INTERRUPTION OF MATERNAL-FETAL TRANSMISSION OF HIV	\$753,476
2011	MAPP BIOPHARMACEUTICAL INC	CA	R44AI072915	A MONOCLONAL ANTIBODY IMMUNOPROTECTANT FOR EBOLA VIRUS	\$1,000,000
2011	KAISER FOUNDATION RESEARCH INSTITUTE	CA	R01AI089930	Zoster Vaccine and Risk Factors of Zoster and Post-Herpetic Neuralgia	\$525,037
2011	CALIFORNIA INSTITUTE FOR MEDICAL RESEARCH	CA	R21AI085566	APPLICATION OF MAGNETIC NANOARRAY TECHNOLOGY TO THE RAPID DIAGNOSIS OF INVASIV	\$283,368
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda	\$1,796,684
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI078133	QUANTITATIVE HIGH-RESOLUTION GENETIC PROFILING OF A GAMMAHERPESVIRUS	\$190,575
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI084090	THE ROLE OF HEPATITIS C VIRUS 5' UNTRANSLATED REGION IN VIRUS MORPHOGENESIS	\$185,069
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081982	STRUCTURE DRIVEN ANALYSIS OF EBOLA VIRUS RECEPTOR BINDING SITE	\$646,150
2011	UNIVERSITY OF CALIFORNIA	CA	R33AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$383,338
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI088679	Tuberculosis epidemiology and novel transmission routes in rural Tanzania	\$611,879
2011	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	\$461,847
2011	AVIDBIOTICS CORPORATION	CA	R21AI085318	GENERATING A LIBRARY OF ANTIMICROBIAL R-TYPE PYOCINS AGAINST ENTERIC BACTERIA	\$173,250
2011	STANFORD UNIVERSITY	CA	K23AI091688	Predictors of tuberculosis by stage of insulin resistance	\$133,191
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	F31AI096840	THE ROLE OF AUTOPHAGY IN THE HUMAN MALARIA PARASITE LIFE CYCLE	\$33,115
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI095004	THE ROLE OF ENVELOPE PHOSPHATIDYL SERINE IN THE BINDING OF HIV TO TARGET CELLS	\$231,000

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2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI094814	A CHEMICAL REPORTER STRATEGY TO PROBE TREHALOSE-CONTAINING METABOLITES IN MYCOBAC	\$46,346
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI093653	Rickettsial Immunity During Tick Transmission	\$366,847
2011	ARISAN THERAPEUTICS INC	CA	R43AI096830	IDENTIFICATION OF NOVEL INFLUENZA ANTIVIRALS	\$235,183
2011	STANFORD UNIVERSITY	CA	U19AI090019	Vaccination and infection: indicators of immunological health and responsiveness	\$3,271,801
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI094409	Antisense Mediated Treatment of Hepatitis B Virus Infection	\$816,540
2011	VENTRIA BIOSCIENCE	CA	R43AI092916	ROBUST, ANIMAL-FREE CELL CULTURE MEDIUM FOR THE PRODUCTION OF VACCINES	\$158,820
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI096806	THE 6TH INTERNATIONAL LEUKOCYTE SIGNAL TRANSDUCTION WORKSHOP	\$3,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091580	Defining the Unique Properties of the Distinct Signaling Machinery Used by the TCR	\$1,738,492
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI095393	Radical SAM Methyltransferases	\$335,418
2011	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI092929	INHIBITORS OF PI3K-DELTA FOR TREATMENT OF SKIN INFLAMMATION	\$297,225
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI085035	IMMUNOLOGICAL DETECTION AND CONTROL OF EXPERIMENTAL UNCOMPLICATED MALARIA	\$249,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R56AI052778	HIV CORECEPTOR SWITCHING	\$473,750
2011	STANFORD UNIVERSITY	CA	R21AI095838	DEVELOPMENT OF IMPROVED DIAGNOSTIC ALLERGY TEST	\$197,500
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R56AI091573	ROLE OF GUT ASSOCIATED LYMPHOID TISSUE IN HIV PERSISTENCE	\$643,468
2011	UNIVERSITY OF CALIFORNIA	CA	R21AI092480	RMPA, A UNIQUE VIRULENCE REGULATOR IN EMERGING KLEBSIELLA PNEUMONIAE	\$214,626
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI095292	MECHANISTIC STUDIES OF RAS-MAPK SIGNALS: SPECIALIZED CUES FOR THE T CELL LINEAGE?	\$257,629
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI091872	AGE-DEPENDENT IMMUNE RESPONSES TO HEPATITIS B: A MOUSE MODEL OF HUMAN DISEASE	\$386,250
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI091976	LISTERIA-BASED VACCINES ENGINEERED TO MODULATE THE INNATE IMMUNE SYSTEM	\$355,096
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070788	ROLE OF MICRO-RNAS IN T CELLS AND OTHER IMMUNE/HAEMATOPOIETIC CELLS	\$424,401
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI072391	INTEGRATIVE EXPERIMENTAL AND THEORETICAL STUDIES OF THE MECHANICS OF PHAGOCYTOSIS	\$332,169
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073656	INTERLEUKIN-2 AND AUTOIMMUNE DISEASE	\$378,564

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2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072115	SIGLEC-F AND RESOLUTION OF ALLERGIC INFLAMMATION	\$340,708
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$695,913
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$250,789
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030475	TRANSLATION REGULATION IN GIARDIA LAMBLIA	\$345,847
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$464,322
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$368,743
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI020001	PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	\$644,772
2011	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$625,374
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$1,480,225
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$651,283
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$386,250
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$454,500
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036178	GENETIC DIVERSITY AS A DETERMINANT OF VIRAL PATHOGENESIS AND ATTENUATION	\$427,920
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	TESTING IN VIVO OF HIV-IMMUNOPATHOGENIC HYPOTHESES USING NEW KINETIC TECHNIQUES	\$434,130
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$379,913
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$648,931
2011	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$351,607
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$344,149
2011	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$1,484,635
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI074043	IN VIVO ADA GENE DELIVERY FOR THE TREATMENT OF SCID	\$454,321
2011	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R37AI024716	REGULATION OF VITELLOGENIC GENES IN THE MOSQUITO	\$525,004
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$386,250
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$1,702,555
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$397,385
2011	STANFORD UNIVERSITY	CA	R01AI069164	ADAPTATION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$302,664

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2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,579,841
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077989	PROTECTION AGAINST INHALATION ANTHRAX WITH INACTIVATED SPORES	\$1,015,882
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074074	SOLUBLE T CELL RECEPTOR STUDIES ON MHC RESTRICTION	\$408,483
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$227,028
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$392,255
2011	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI076247	RAPID ISOTHERMAL NUCLEIC ACID AMPLIFICATION ASSAY AND DEVICE FOR HSV TESTING	\$539,248
2011	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI074057	OPTIMIZATION OF HPMPA AND CDV ANALOGS FOR TREATMENT OF SMALLPOX	\$525,526
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073539	ROLE OF VITAMIN D PROHORMONE 25-OHD IN THE INNATE IMMUNE RESPONSE TO TUBERCULOSIS	\$439,451
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI065388	REPRODUCTIVE INFECTIOUS DISEASE (RID) FELLOWSHIP	\$237,255
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI082629	YEAST-BASED HTS ASSAY TECHNOLOGIES FOR PROTEASES	\$467,998
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$124,410
2011	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$126,827
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI080147	ORAL WASH FOR NUCLEIC ACID DIAGNOSIS AND PROGNOSIS OF TB IN HIV-INFECTED UGANDANS	\$122,215
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI076558	ORALLY ACTIVE NUCLEOSIDE PHOSPHONATES FOR HEPATITIS C VIRUS	\$587,665
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078806	THE ROLE OF CD4 IN MACROPHAGE DIFFERENTIATION AND FUNCTION	\$377,339
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$733,356
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI091663	Nanopolymersomes for Transcutaneous Co-Delivery of Vaccine Antigens and Adjuvants	\$133,919
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088490	SLFN PROTEINS IN INNATE IMMUNITY	\$191,194
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI082266	HUMAN AUTOIMMUNITY AND GENETIC DEFECTS IN N-GLYCOSYLATION	\$371,586
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$496,758

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080671	INVESTIGATIONS TARGETING SYMPTOMATIC RELIEF TO BOTULINUM NEUROTOXIN A INTOXICATIO	\$445,015
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085307	LACTOBACILLI SURFACE ANTIBODY EXPRESSION FOR IN VIVO PROTECTION AGAINST CHOLERA	\$235,001
2011	STANFORD UNIVERSITY	CA	R01AI076434	NEW PERSPECTIVE ON INNATE ANTIBODIES IN MICE	\$387,572
2011	PROTEUS DIGITAL HEALTH INC	CA	R43AI093318	A NOVEL EDIBLE SENSOR SYSTEM TO CHARACTERIZE ANTIRETROVIRAL THERAPY ADHERENCE	\$299,551
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI088445	HUMAN LYMPHOID TISSUE INDUCERS	\$283,635
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI093179	A novel APOBEC-based vaccine approach for HIV	\$219,237
2011	STANFORD UNIVERSITY	CA	K08AI079268	MECHANISMS OF T CELL INHIBITORY PATHWAYS	\$132,786
2011	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K22AI077353	HUMAN CELLULAR FACTORS RESTRICTING HIV REPLICATION	\$108,000
2011	STANFORD UNIVERSITY	CA	R03AI088042	DEVELOPING TOOLS FOR GENETIC MANIPULATION IN ENTAMOEBIA INVADENS	\$79,200
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI090141	Discovery of chemically validated malaria liver stage targets	\$473,750
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$593,256
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079665	TARGETING THE PROCESSING OF THE ARENAVIRUS GLYCOPROTEIN FOR ANTI-VIRAL THERAPY.	\$465,302
2011	STANFORD UNIVERSITY	CA	R01AI085268	THE ROLE OF CARBOXYPEPTIDASE B AND ITS SUBSTRATES IN RHEUMATOID ARTHRITIS	\$399,135
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$124,200
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI078248	Inherited Disorders of Lymphocyte Development	\$382,388
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI094251	Improving Early Identification of Drug Resistant Tuberculosis in HIV Prevalent Se	\$125,010
2011	AVIDBIOTICS CORPORATION	CA	R43AI088979	TARGETED SOLUBLE MICA MOLECULES TO RECRUIT INNATE IMMUNITY CELLS TO KILL SPECIFIC	\$300,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI093163	Molecular Epidemiology of HIV-1 in the California-Mexico Border Region	\$127,141
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$382,388
2011	RAND CORPORATION	CA	R03AI095084	DIFFERENTIAL PROVIDER INTERACTIONS AND ETHNIC DISPARITIES IN INFLUENZA VACCINATIO	\$95,362
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI091861	Pharyngeal gonorrhoea among young people: Implication for prevention	\$122,902

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI047868	Divergence of Phagocytic and Antimicrobial Programs in Leprosy	\$493,365
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095511	HT SCREENS FOR THE DISRUPTION OF THE T CELL RECEPTOR CD3 INTERFACE	\$568,500
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI096109	DARE: Delaney AIDS Research Enterprise to find a cure.	\$4,301,805
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI091534	pDC activation and lentiviral disease progression	\$53,042
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI093957	Mast cells in skin innate immune defense	\$386,250
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI096803	INTERNATIONAL LEPTOSPIROSIS SOCIETY MEETING 2011	\$6,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI089397	QUANTIFICATION OF HIV-1 RESERVOIRS IN THE GUT	\$0
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080353	POOLED NUCLEIC ACID TESTING TO IDENTIFY ANTIRETROVIRAL TREATMENT FAILURE IN INDIA	\$177,949
2011	TUNITAS THERAPEUTICS INC	CA	R43AI092914	A HUMAN FC BIFUNCTIONAL FUSION PROTEIN TO TREAT SEVERE ALLERGIC ASTHMA	\$300,000
2011	LAWRENCE LIVERMORE NATIONAL LABORATORY	CA	R01AI093500	MULTIPLEXED DIAGNOSTIC AND CYTOKINE RESPONSE ASSAYS UTILIZING THE NCOUNTER PLATFO	\$1,075,661
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI093076	THE ROLE OF BCL6 IN THE DIFFERENTIATION AND FUNCTION OF TFH	\$17,061
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI093138	IDENTIFYING AND CLOSING GAPS IN TCR COVERAGE OF HIV-1 ESCAPE	\$385,000
2011	AMPLYX PHARMACEUTICALS INC	CA	R43AI096844	A COMBINATION THERAPY APPROACH TO TREATING DRUG RESISTANT FUNGAL INFECTIONS	\$300,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R00AI085107	MECHANISMS OF CARBON DIOXIDE RESPONSE IN NEMATODES	\$246,841
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$441,192
2011	UNIVERSITY OF CALIFORNIA	CA	R56AI090387	BRUCELLA TYPE IV SECRETION AND INNATE IMMUNITY	\$401,148
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI085063	PATHOGENIC ROLE OF ANTIBODIES TO DENGUE VIRUS	\$446,000
2011	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI071025	ANTIBODY CYTOKINE FUSION PROTEINS AGAINST CRYPTOCOCCUS NEOFORMANS	\$310,937
2011	SCRIPPS RESEARCH INSTITUTE	CA	U01AI078224	PROBING THE GERMLINES OF BROADLY NEUTRALIZING ANTI-HIV ANTIBODIES IN KNOCKIN MICE	\$722,573
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$325,133
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI072058	CELL TYPE-SPECIFIC ROLES OF TLR SIGNALING IN IMMUNE RESPONSES	\$378,564

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI068896	FUNCTION OF MICRORNA IN PRO-INFLAMMATORY GENE EXPRESSION	\$455,501
2011	STANFORD UNIVERSITY	CA	R01AI037683	DONOR CELL FACILITATION OF TOLERANCE	\$384,700
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047745	BIOMATHEMATICAL ANALYSIS OF VIRAL DYNAMICS AND EVOLUTION	\$428,829
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$95,918
2011	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$408,411
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$193,058
2011	STANFORD UNIVERSITY	CA	R01AI053724	INVESTIGATING ENTAMOEBIA HISTOLYTICA COLONIC PATHOGENESIS	\$386,695
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$467,998
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$386,250
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI055607	PERSISTENCE OF WEST NILE VIRUS IN CALIFORNIA	\$554,251
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$372,403
2011	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$381,140
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069424	UCLA AIDS PREVENTION AND TREATMENT CLINICAL TRIALS UNIT	\$1,442,278
2011	STANFORD UNIVERSITY	CA	R01AI008619	ANTIMICROBIAL RESISTANCE IN BACTERIA	\$556,890
2011	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$324,062
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069432	UCSD DEPARTMENT OF MEDICINE HIV/AIDS CLINICAL TRIALS UNIT	\$4,646,184
2011	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$396,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$423,002
2011	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$466,533
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Molecular and Force Dynamics: Leukocyte Adhesion Molecules	\$359,456
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$472,725
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$357,887
2011	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$378,663
2011	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$303,828
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI021515	HERPES SIMPLEX VIRUS GENE REGULATION	\$366,564

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2011	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	U01AI075565	SENSOR TECHNOLOGY FOR RAPID MICROBIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING	\$667,893
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI025144	TRANSPORT OF IMMUNOGLOBULINS ACROSS EPITHELIAL CELLS	\$478,800
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$82,418
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI074810	EMERGENCE OF HUMAN MONKEYPOX IN CENTRAL AFRICA	\$121,770
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$345,945
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,573,069
2011	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,858,950
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072414	THE HUMAN ANTIBODY RESPONSE TO METAPNEUMOVIRUS: PROPHYLAXIS AND VACCINE DESIGN	\$519,049
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI070803	MODULATION OF OUTER MEMBRANE PROTEIN EXPRESSIN IN HELICOBACTER PYLORI	\$492,700
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$464,625
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$354,053
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI073672	TYPHOID PRIORITY ANTIGEN IDENTIFICATION AND VACCINE DEVELOPMENT	\$342,653
2011	STANFORD UNIVERSITY	CA	K08AI079269	MECHANISMS OF B CELL RESPONSES TO A NOVEL ADJUVANT FOR INFLUENZA VACCINE	\$130,599
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077822	NOVEL THERAPEUTICS FOR CLASS B PROTOZOA	\$1,366,784
2011	LYPRO BIOSCIENCES INC	CA	R44AI066444	NANODISK-AMPHOTERICIN B THERAPY FOR ASPERGILLOSIS	\$745,652
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082100	BROAD SPECTRUM THERAPEUTICS THAT TARGET THE VIRAL MEMBRANE	\$741,357
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$436,634
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	IMMUNE REGULATION OF VIRAL PERSISTENCE AND CLEARANCE	\$408,953
2011	STANFORD UNIVERSITY	CA	R01AI078947	CHEMICALLY MAPPING MALARIAL RUPTURE PROTEASES	\$393,824
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$377,339
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U54AI082973	Primary Immune Deficiency Treatment Consortium	\$1,416,193
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081757	MICRORNA REGULATION OF HUMAN T AND B CELL ACTIVATION	\$465,302
2011	VLP BIOTECH INC	CA	R43AI088919	A THERAPEUTIC VACCINE FOR CHRONIC HEPATITIS B	\$300,000

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2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087634	The Role of miR-17~92 in Autoimmune Diseases	\$529,821
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI081754	POPULATION DYNAMICS AN EVOLUTIONARY CAPACITY OF VIRAL QUASISPECIES	\$125,010
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI085042	Maternal and fetal immune responses to in utero HSC transplantation	\$125,010
2011	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	K08AI082284	EMERGENCE AND BIOLOGICAL CONTROL OF SCHISTOSOMIASIS	\$108,607
2011	STANFORD UNIVERSITY	CA	K01AI084582	IMPROVING THE PUBLIC HEALTH IMPACT OF HIV TESTING IN HIGHLY ENDEMIC REGIONS	\$130,532
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI096837	Mechanisms of the M protein in group A Streptococcus virulence	\$532,847
2011	SCRIPPS RESEARCH INSTITUTE	CA	R33AI076005	INHIBITORS OF HIV-DENDRITIC CELL INTERACTIONS AS MICROBICIDES	\$521,756
2011	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$433,163
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI087185	NOVEL ADJUVANTS OF ACTIVATING RIG-I AND INHIBITING IMMUNE INHIBITORS FOR HIV VACC	\$200,475
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089896	An automated high throughput phenotypic screen for schistosomiasis drug discovery	\$423,139
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$229,689
2011	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI082414	AN FTR1 VACCINE TO ABROGATE MUCORMYCOSIS	\$205,201
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	\$540,263
2011	CEDARS-SINAI MEDICAL CENTER	CA	R21AI082379	EFFECTS OF MICROBIAL EXPOSURE ON MYELOPOIESIS	\$245,025
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$2,032,400
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079043	Innate Control of Hepatitis C Virus Infection: Antiviral and Evasion Mechanisms	\$470,003
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI087674	Mechanisms of PVL-induced Acute Lung Injury	\$428,455
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI096169	Diagnostic assay systems for Botulinum Neurotoxins	\$791,113
2011	MAPP BIOPHARMACEUTICAL INC	CA	R43AI091078	DEVELOPMENT OF A MONOCLONAL IMMUNOPROTECTANT FOR RICIN	\$300,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$432,171
2011	PLANET BIOTECHNOLOGY INC	CA	R01AI093397	CGMP MANUFACTURING OF PBI-220, A BROAD SPECTRUM IMMUNOADHESIN THERAPEUTIC AGAINST	\$1,578,528
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092182	DEVELOPING A NOVEL PLAGUE ANTIBIOTIC BY TARGETING PROTEIN SECRETION	\$264,784

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2011	PANORAMA RESEARCH, INC	CA	R43AI094830	MONOBODY FOR RENAL INFLAMMATON	\$241,123
2011	EIGER GROUP INTERNATIONAL INC	CA	R42AI088793	ADVANCING CLEMIZOLE FOR HEPATITIS C: TOWARDS A PRE-IND PACKAGE--PHASE II	\$1,000,000
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI095634	Regulation of nucleosome positions and transcription during CTL differentiation	\$454,500
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI091575	Protein homeostasis mechanisms underlying enterovirus replication and evolution	\$2,937,748
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI095823	IDENTIFICATION OF SKIN GAMMA DELTA T CELL ANTIGENS	\$284,250
2011	STANFORD UNIVERSITY	CA	F31AI094869	IMMUNOMODULATORY ROLES OF AMYLOID-BETA AND AMYLOID PRECURSOR PROTEIN IN CNS AUTOI	\$41,800
2011	ARIDIS PHARMACEUTICALS LLC	CA	R42AI072866	HUMAN MONOCLONAL ANTIBODY TO TREAT P. AERUGINOSA INFECTIONS IN CYSTIC FIBROSIS	\$922,387
2011	VENTRIA BIOSCIENCE	CA	R43AI094818	LOW COST PRODUCTION OF RABIES VIRUS ANTIGENS IN RICE GRAIN	\$226,554
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI092129	Trapping membrane proteins with adjuvant-carrying amphipols for vaccine formulati	\$346,391
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI083514	Bcl11b in early T cell development	\$202,500
2011	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$145,358
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070292	SITE-SPECIFIC ALLOSTERIC INHIBITORS FOR INFLAMMATORY CASPASES	\$371,372
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI073911	HUMORAL RESPONSES TO LYME BORRELIOSIS: A MOUSE MODEL	\$368,406
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI077953	THERAPEUTIC FULLY HUMAN MONOCLONAL ANTIBODIES AGAINST VACCINA VIRUS AND SMALLPOX	\$1,628,843
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047140	REVERSE GENETICS OF ARENAVIRUSES.	\$417,891
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$372,084
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	\$362,731
2011	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI050000	ROLES FOR MOTILITY IN HELICOBACTER PYLORI PATHOGENESIS	\$350,484
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI026815	MOUSE MODEL OF LYME BORRELIOSIS	\$372,438
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$378,564
2011	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$503,810
2011	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$626,917
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$414,829

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2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$563,090
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$288,071
2011	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$453,203
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI056388	AUTOIMMUNITY CENTER OF EXCELLENCE	\$528,074
2011	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI071725	HIV INFECTION, ANTIRETROVIRAL THERAPY, CANCER INCIDENCE AND PROGRESSION	\$140,344
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$446,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$123,390
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,546,847
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$191,048
2011	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI072618	REGULATION OF T CELL CCR10 BY SUNLIGHT AND VITAMIN D	\$336,518
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI078048	COUNTERMEASURES FOR BIOTERRORISM TARGETING CELLULAR HOST FACTORS	\$867,102
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$459,107
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$739,630
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069058	TRICHOMONAS PATHOGENESIS: CELL SURFACE INTERACTIONS	\$367,270
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI068854	DETERMINANTS OF SCHISTOSOMIASIS RE-EMERGENCE	\$439,670
2011	STANFORD UNIVERSITY	CA	K08AI079406	NOVEL ANTVIRAL TARGETS IN HEPATITIS C VIRUS NS4B PROTEIN	\$130,599
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$168,932
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$478,772
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$3,244,083
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$468,095
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$455,501
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$375,138
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$651,423
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI080749	MACROPHAGE TRANSCRIPTIONAL RESPONSES TO LEGIONELLA PNEUMOPHILA	\$314,817

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2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$339,605
2011	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI082740	MULTIEPITOPE CIRCUMSPOROZOITE P.FALCIPARUM MALARIA SUBUNIT VACCINE DISPLAYED ON V	\$597,424
2011	STANFORD UNIVERSITY	CA	R01AI077737	ANALYSIS OF THE C.ALBICANSTRANSCRIPTOME	\$446,416
2011	STANFORD UNIVERSITY	CA	R01AI083628	DEAF1 ISOFORMS CONTROL CHANGES IN PTA EXPRESSION IN THE NOD PLN DURING T1D PATHOG	\$396,339
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI095125	The chemical and genetic basis of interspecies interactions	\$586,317
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073737	B CELLS IN CNS AUTOIMMUNITY	\$377,676
2011	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081881	CARTILAGE INNATE IMMUNITY IN OSTEOARTHRITIS	\$344,015
2011	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI085402	DEVELOPMENT OF A FLUORESCENCE-BASED ASSAY TO DETECT FUNGUS-DERIVED PROTEOLYTIC AC	\$198,399
2011	AVIDBIOTICS CORPORATION	CA	R43AI084295	ENGINEERED R-TYPE PYOCINS AS BACTERICIDAL AGENTS AGAINST E.COLI O157:H7	\$308,517
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079060	Immunological Priming to Hepatitis B Virus	\$465,302
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI085462	IMMUNOREGULATORY EFFECTS OF NOVEL MTOR INHIBITORS	\$71,245
2011	STANFORD UNIVERSITY	CA	U19AI082719	AUTOIMMUNITY CENTER OF EXCELLENCE (ACE) AT STANFORD	\$685,303
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	\$644,550
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI087035	INFLAMMATION, T CELL SENESECE, AND MORTALITY IN TREATED HIV INFECTION	\$192,049
2011	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI076899	Rapid detection of diagnostic chemokines	\$333,414
2011	WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	R15AI088429	STRUCTURE-FUNCTION ANALYSIS OF ZEBRAFISH ENCODED 3-OST ENZYME FOR HSV-1 ENTRY	\$8,758
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085324	BACTERIAL ACYL HOMOSERINE LACTONES AS IMMUNE MODULATORS AND DRUG TARGETS	\$282,002
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089831	Interplay of Innate and Adaptive Immunity in Lupus Pathogenesis	\$382,388
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091412	DEVELOPMENT OF NOVEL TOPOISOMERASE AND REPLICATION INITIATOR ASSAYS	\$372,354
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI091323	IDENTIFYING THE ROLE OF 4-1BB IN GENERATION AND PERSISTENCE OF VACV-CD8 MEMORY	\$0

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2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092386	EFFECTOR FUNCTIONS OF MUCOSAL IGA	\$231,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$382,388
2011	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI080035	FORMULATION OF AMBIENT TEMPERATURE AND HUMIDITY STABLE RABIES VACCINES	\$633,988
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI095603	Molecular Determinants of Chlamydia Extrusion from Host Cells	\$375,848
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI093106	THE ROLE OF HEPARAN SULFATE IN THE B CELL RESPONSE	\$33,570
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI095038	Multifunctional Human Anti-HIV Antibodies	\$473,750
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI097005	SPUTUM M. TUBERCULOSIS DNA KINETICS DURING TB TREATMENT IN PATIENTS WITH HIV	\$70,082
2011	SCRIPPS RESEARCH INSTITUTE	CA	R56AI093287	COVALENT TRAPPING OF HIV-1 SPIKES FOR VACCINE DESIGN USING CHEMICAL TETHERS	\$473,750
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI065605	RISK FACTORS AND SUSCEPTIBILITY IN GONOCOCCAL INFECTION	\$387,984
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$399,245
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI051970	IMMUNE PRESSURE ON HIV-1 NEF BY CYTOTOXIC T LYMPHOCYTES	\$373,909
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050834	SPONTANEOUS AUTOIMMUNE MODEL OF PERIPHERAL NEUROPATHY	\$334,234
2011	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$379,789
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$472,725
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$465,302
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055860	SIGNAL TRANSDUCTION NETWORKS IN BACILLUS ANTHRACIS	\$455,501
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$410,736
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$371,181
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$381,150
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$386,250
2011	STANFORD UNIVERSITY	CA	R01AI072666	AMPETOIDS AS BIOSTABLE FUNCTIONAL MIMICS OF ANTIMICROBIAL PEPTIDES	\$429,688
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$3,189,356
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$370,138
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$795,849

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2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$371,372
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$363,792
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI090213	DISCOVERY OF ANTITUBERCULAR PPTT INHIBITORS	\$221,422
2011	SCRIPPS RESEARCH INSTITUTE	CA	U01AI074564	NOVEL CHEMICAL AND IMMUNOLOGICAL APPROACHES TO INFLUENZA THERAPY	\$1,635,674
2011	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI073295	VACCINE REFUSAL: CLINICAL IMPACT AND PARENTAL ATTITUDES	\$101,744
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052430	THE ROLE OF CRYOPYRIN IN AUTOINFLAMMATORY DISEASES	\$371,372
2011	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$415,000
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI073100	IMPACT OF HIV ON THE T CELL REPERTOIRE	\$124,200
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$473,750
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$379,326
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070891	COCCIDIOIDOMYCOSIS:GENOME COMPARISON, SELECTION AND TRANSCRIPTION.	\$398,935
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075420	DEVELOPMENT AND TESTING OF HUMAN BRUCELLOSIS DIAGNOSTICS IN AN ENDEMIC COUNTRY	\$1,061,087
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074760	MANIPULATION OF THE ACTIN CYTOSKELETON BY SPOTTED FEVER GROUP RICKETTSIA	\$361,792
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI049453	THE MOLECULAR BASIS OF OX40 ON CD4 T CELLS	\$416,788
2011	J DAVID GLADSTONE INSTITUTES	CA	P01AI083050	EXPLORING HIV-HOST INTERACTIONS IN THE FEMALE REPRODUCTIVE TRACT	\$1,774,668
2011	SCRIPPS RESEARCH INSTITUTE	CA	U24AI082657	DISCOVERY AND ANALYSIS OF SYNTHETIC TLR AGONISTS AND ANTAGONISTS	\$651,422
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$454,500
2011	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$381,645
2011	STANFORD UNIVERSITY	CA	F32AI089080	CHARACTERIZATION OF HLA-DQ2 AND HLA-DM INTERACTION	\$51,326
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087746	Cyclophilins, Cyclophilin Inhibitors and Hepatitis C	\$470,003
2011	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$709,422
2011	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$1,174,260
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI079192	INTRACELLULAR LIFESTYLE OF PSEUDOMONAS AERUGINOSA	\$376,113
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$8,500

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2011	STANFORD UNIVERSITY	CA	R01AI087917	HCV NS4B: Translating molecular virology into novel antiviral therapies	\$416,837
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI075164	MODULATION OF T CELL RESPONSES WITH CYTOKINES	\$469,013
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI088474	CONTROL OF T CELL RECRUITMENT TO INFLUENZA VIRUSES IN THE LUNG	\$236,363
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$547,871
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$368,200
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$324,446
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI087131	PROTECTIVE IMMUNITY IN HIV HIGHLY EXPOSED BUT UNINFECTED SUBJECTS	\$191,194
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI081161	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NOVEL MYCOBACTERIAL HEME UPTAKE	\$330,685
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI088886	2010 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$7,000
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$378,675
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI090610	T CELL REGULATION OF COMMENSAL ANTIGEN PRESENTATION	\$235,001
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$367,469
2011	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$290,563
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087470	C5a as an Anti-HIV Microbicidal Candidate	\$470,003
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI073426	DISSECTING THE SUBSTRATE SPECIFICITY OF ACYL-COA CARBOXYLASE	\$68,999
2011	UNIVERSITY OF CALIFORNIA	CA	R01AI078183	An.gambiae immune signaling gene SNPs and natural P. falciparum infection	\$658,558
2011	LOMA LINDA UNIVERSITY	CA	R01AI090659	HIGHLY INNOVATIVE TACTICS TO INTERRUPT TRANSMISSION OF HIV (HIT-IT)	\$573,473
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$376,165
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI081727	Regulation of ESX-1 secretion and its role in M. tuberculosis virulence	\$394,200
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI090200	HCMV INFECTION AND IMMUNE MODULATION IN A HUMAN PLACENTATION MODEL IN SCID MICE	\$229,433
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI083663	Mucosal barrier function during Salmonella infection	\$370,074
2011	J DAVID GLADSTONE INSTITUTES	CA	R01AI081651	Role of Tat and SIRT1 in the T-cell Hyperactivation Syndrome Induced by HIV-1	\$472,725

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2011	CYTODESIGN INC	CA	R43AI093112	ENGINEERING THERAPEUTIC PROTEASES	\$299,750
2011	OAK CREST INSTITUTE OF SCIENCE	CA	R33AI079791	Intravaginal ring microbicide formulations comprising multiple anti-HIV agents	\$464,692
2011	STANFORD UNIVERSITY	CA	R21AI088541	CHEMICAL CHARACTERIZATION OF SUMO SPECIFIC PROTEASES IN PLASMODIUM FALCIPARUM	\$198,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$423,002
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI086701	DESIGNING OPTIMAL INTERVENTIONS TO CONTROL HIV IN AFRICA USING DATA-BASED MODELS	\$152,460
2011	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	F32AI096698	NEGATIVE REGULATION OF NLRP1-INFLAMMASOMES BY THE LINEAR UBIQUITIN ASSEMBLY COMPL	\$48,398
2011	STANFORD UNIVERSITY	CA	F32AI089085	EVOLUTION AND ANCESTRAL FUNCTIONS OF A HUMAN MHC CLASS I PSEUDOGENE, HLA-Y	\$49,046
2011	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$744,029
2011	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI094534	HYDRA AS AN ANTIVIRAL INNATE IMMUNITY MODEL SYSTEM	\$224,250
2011	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI091967	Virulence Mechanisms of Viral Bcl-2 Homologs	\$477,500
2011	SCRIPPS RESEARCH INSTITUTE	CA	R21AI092845	NEXT GENERATION SEQUENCE ANALYSIS OF THE IGH REPERTOIRE	\$331,625
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI087734	LIGHT_HVEM_BTTLA axis in protective anti_viral immunity	\$363,600
2011	NEXOGEN INC	CA	R44AI068537	INFLUENZA TYPING USING A NEW REAL-TIME DNA AMPLIFICATION ON A PORTABLE ELECTRONIC	\$389,972
2011	SCRIPPS RESEARCH INSTITUTE	CA	R01AI092304	Molecular Mechanisms Linking HLA-DQ and Autoimmunity	\$652,951
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI090656	BROADLY REACTIVE ANTIBODIES AGAINST CHIMERIC VIRUS-HOST ANTIGENS	\$518,081
2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI093132	Regulation of T cell responses during chronic infection by Toxoplasma gondii	\$191,875
2011	SCRIPPS RESEARCH INSTITUTE	CA	R33AI079782	ANTI-HIV MICROBICIDAL PEPTIDES	\$554,125
2011	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI090504	MHC RESTRICTION AND ANTIGEN CHARACTERIZATION OF MUCOSAL CD8AA TCRAB IEL	\$272,700
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI096278	CHARACTERIZATION OF IL36, A NOVEL CYTOKINE	\$222,390
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R33AI079775	Iron Starvation: A novel strategy for HIV and Chlamydia microbicides	\$418,325

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2011	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI085607	DETERMINANTS OF PROTECTION AND ENHANCEMENT OF DENGUE INFECTION/DISEASE IN VIVO	\$366,913
2011	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI095943	Key nodes in the T-cell developmental gene regulatory network	\$405,000
2011	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI095921	SEXUAL DIMORPHISM AND DYSREGULATED IMMUNE RESPONSES IN SLE: THE ROLE OF LEPTIN	\$231,000
2011	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI062894	Genetically-Programmed APC Vaccines Against Viruses	\$386,250
2011	STANFORD UNIVERSITY	CA	R56AI048540	MOLECULAR PRINCIPLES OF TCR RECOGNITION AND ACTIVATION BY PEPTIDE MHC	\$395,000
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI093953	EVALUATION OF A SUBUNIT CHLAMYDIA TRACHOMATIS VACCINE IN RHESUS MACAQUES	\$400,000
2011	SCRIPPS RESEARCH INSTITUTE	CA	R56AI073870	THEMIS REGULATION OF THYMOCYTE SELECTION	\$473,750
2011	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI093133	CORNEAL HSV-1: NEWLY DISCOVERED LAT MIRNAS AND LATENCY	\$382,500
2011	UNIVERSITY OF COLORADO DENVER	CO	R37AI015940	IRON AND O2 IN THE REGULATION OF P. AERUGINOSA VIRULENCE	\$559,159
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$300,571
2011	UNIVERSITY OF COLORADO DENVER	CO	U19AI050864	BENAROYA RESEARCH INSTITUTE/UCDHSC AUTOIMMUNE COOPERATIVE STUDY GROUP	\$1,820,274
2011	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$434,012
2011	NATIONAL JEWISH HEALTH	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$469,031
2011	CORGENIX MEDICAL CORPORATION	CO	R43AI088843	RECOMBINANT ANTIGEN DIAGNOSTICS FOR FILOVIRUSES	\$295,053
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI091292	NK AND NKT CELL BIOLOGY: SPECIFICITY AND REDUNDANCY OF INNATE RESPONSES	\$8,000
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092856	TUBERCULOSIS: IMMUNOLOGY, CELL BIOLOGY AND NOVEL VACCINATION STRATEGIES	\$15,000
2011	NATIONAL JEWISH HEALTH	CO	R03AI092358	AN ADVANCED MODEL TO ANALYZE CD4T CEL REACTIONS TO ANTIBODY AND BCR V REGIONS	\$79,250
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI093244	HIV EVOLUTION, GENOMICS, AND PATHOGENESIS	\$23,000
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092847	MUCOSAL BIOLOGY: A FINE BALANCE BETWEEN TOLERANCE AND IMMUNITY	\$10,000

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2011	UNIVERSITY OF COLORADO DENVER	CO	R56AI091713	ANALYSIS OF DIABETOGENIC HUMAN T CELL RECEPTORS	\$369,250
2011	UNIVERSITY OF COLORADO DENVER	CO	R56AI094389	NOVEL ISLET AUTOANTIBODIES IN DIABETES	\$356,000
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$370,170
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$334,769
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI031940	GENETIC ANALYSIS OF CHOLERA TOXIN STRUCTURE AND FUNCTION	\$587,976
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$302,940
2011	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$7,054,719
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI072492	PERSISTENT SYSTEMIC INFECTION OF MICE BY SALMONELLA ENTERICA	\$321,622
2011	COLORADO STATE UNIVERSITY	CO	R01AI073255	HUMANIZED RAG2-/-GAMMAC-/-MICE FOR HIV INFECTION AND GENE THERAPY	\$353,344
2011	NATIONAL JEWISH HEALTH	CO	R01AI070175	EFFECTS OF ALLERGIC INFLAMMATION ON TLR2 SIGNALING AND MYCOPLASMA INFECTION	\$386,100
2011	COLORADO STATE UNIVERSITY	CO	R01AI080486	CHROMOSOMAL ALTERATIONS IN BASIC MECHANISMS OF RADIATION INJURY	\$360,885
2011	ISOGENIS INC	CO	R43AI081404	ACTIVITY OF FULLY DELETED HELPER-VIRUS INDEPENDENT ADENOVIRAL GENE THERAPY VECTOR	\$200,000
2011	UNIVERSITY OF COLORADO DENVER	CO	R21AI092468	CROSS-SEROTYPE PROTECTION AGAINST STREPTOCOCCUS PNEUMONIAE BY INDUCTION OF NEUTRA	\$229,500
2011	COLORADO STATE UNIVERSITY	CO	R21AI094123	TUBERCULOSIS IN DIABETIC GUINEA PIGS	\$183,750
2011	CRESTONE INC	CO	R43AI090719	NOVEL DNA POLYMERASE INHIBITORS AS GRAM-POSITIVE ANTIBACTERIAL AGENTS	\$496,897
2011	COLORADO STATE UNIVERSITY	CO	U01AI088647	Sustainable Control of Aedes aegypti and epidemic dengue	\$617,169
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092857	MYCOBACTERIA: PHYSIOLOGY, METABOLISM AND PATHOGENESIS - BACK TO THE BASICS	\$15,000
2011	UNIVERSITY OF COLORADO DENVER	CO	K24AI074343	INTERFACE OF INNATE AND ADAPTIVE IMMUNITY IN HIV-1 INFECTION	\$132,647
2011	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI073945	FUNCTIONAL ANERGY IN B CELLS	\$382,239
2011	NATIONAL JEWISH HEALTH	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$343,718
2011	COLORADO STATE UNIVERSITY	CO	R01AI046435	NEW ALPHAVIRUS EXPRESSION SYSTEMS IN MOSQUITOES	\$288,244
2011	MBIO DIAGNOSTICS INC	CO	R44AI068543	LOW COST MULTI-PATHOGEN LASER DIAGNOSTIC FOR HIV AND AIDS CO-INFECTIONS	\$1,109,440

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2011	COLORADO STATE UNIVERSITY	CO	R01AI063054	MODE OF ACTION OF THIORCARLIDE IN MYCOBACTERIUM TUBERCULOSIS	\$360,187
2011	UNIVERSITY OF COLORADO DENVER	CO	K24AI083742	MIDCAREER INVESTIGATOR AWARD IN PATIENT-ORIENTED RESEARCH (K24)	\$191,392
2011	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$386,100
2011	BOLDER BIOTECHNOLOGY, INC	CO	R43AI088928	LONG-ACTING IL-11 ANALOG FOR TREATING ACUTE RADIATION SYNDROME	\$300,000
2011	COLORADO STATE UNIVERSITY	CO	F32AI088884	DNA FRAGMENT CAPTURE SYSTEM TO CREATE BURKHOLDERIA PSEUDOMALLEI ISOGENIC STRAINS	\$48,398
2011	UNIVERSITY OF COLORADO DENVER	CO	R21AI088421	MODULATION OF PLCGAMMA2-MEDIATED SIGNALING VIA ITS C2-DOMAIN IN B LYMPHOCYTES	\$189,338
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R56AI095395	HEMOPHAGOCYTIC MACROPHAGES AND SYSTEMIC SALMONELLA INFECTION	\$376,281
2011	UNIVERSITY OF COLORADO DENVER	CO	K08AI073525	EPIDEMIOLOGY AND PATHOGENESIS OF NOVEL CORONAVIRUSES	\$132,300
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI052164	REDEFINING THE MAJOR PEANUT ALLERGENS	\$388,835
2011	NATIONAL JEWISH HEALTH	CO	R01AI054661	FUNCTION AND REGULATION OF EARLY B CELL FACTOR (EBF)	\$374,977
2011	UNIVERSITY OF COLORADO DENVER	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$543,100
2011	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$178,415
2011	COLORADO STATE UNIVERSITY	CO	R01AI083368	YELLOW FEVER/DENGUE VIRUS COMPETENCE IN AEDES AEGYPTI AEGYPTI/FORMOSUS IN SENEGAL	\$357,598
2011	COLORADO STATE UNIVERSITY	CO	R21AI081959	INDUCTION OF REGULATORY T CELLS BY HIGHLY VIRULENT ISOLATES OF M.TUBERCULOSIS	\$218,295
2011	UNIVERSITY OF COLORADO DENVER	CO	R03AI090401	DEVELOPMENT OF NOVEL DIABETES AUTOANTIBODY ASSAYS BASED ON LUCIFERASE REPORTERS	\$75,735
2011	UNIVERSITY OF COLORADO DENVER	CO	R21AI090450	CD1D2-SELECTED INKT CELLS	\$189,338
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI091030	TGF-BETA IN IMMUNE RESPONSES: FROM BENCH TO BEDSIDE	\$8,000
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI094881	B CELLS: NEW INSIGHTS INTO NORMAL VERSUS DYSREGULATED FUNCTION	\$10,000
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI094888	NEW FRONTIERS AT THE INTERFACE OF IMMUNITY AND GLYCOBIOLOGY	\$7,000
2011	COLORADO STATE UNIVERSITY	CO	K08AI071724	EVOLUTION OF DENDRITIC CELL DYSFUNCTION IN FIV INFECTION	\$108,525
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$377,600
2011	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$291,060

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF COLORADO DENVER	CO	K08AI076518	MECHANISMS OF APOPTOSIS IN VIRUS-INFECTED NEURONS	\$141,457
2011	NATIONAL JEWISH HEALTH	CO	K23AI083792	Bacteria in Lower Airways and Airway Inflammation in Children with Asthma	\$125,172
2011	NATIONAL JEWISH HEALTH	CO	R01AI081878	Regulation of B Cell Identity and Lineage Progression	\$386,100
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI094917	PATHOGENESIS OF INFLUENZA: VIRUS-HOST INTERACTIONS	\$8,000
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI091968	Virus-Host Interactions that Modulate Early Steps of Human Papillomavirus Infection	\$302,065
2011	UNIVERSITY OF DENVER	CO	R03AI092249	ASSESSMENT OF DEUBIQUITINATING AND DEISGYLATING ACTIVITY; SPECIFICITY MOTIFS AMON	\$72,026
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI094916	IMMUNOREGULATORY NETWORKS	\$8,000
2011	UNIVERSITY OF COLORADO DENVER	CO	R21AI096289	PERSISTENT CHIKUNGUNYA VIRUS INFECTION AND DISEASE	\$219,960
2011	NATIONAL JEWISH HEALTH	CO	R56AI065638	ACTIVE SUBVERSION OF INNATE IMMUNITY BY BACTERIAL LYSM PROTEIN	\$396,250
2011	NATIONAL JEWISH HEALTH	CO	P01AI022295	ANTIGEN RECOGNITION BY LYMPHOCYTES	\$1,322,382
2011	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$337,219
2011	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$330,594
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$365,186
2011	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$121,295
2011	NATIONAL JEWISH HEALTH	CO	R03AI088408	A REPORTER FOR MUTANT AUTOREACTIVE B CELLS	\$77,220
2011	UNIVERSITY OF COLORADO DENVER	CO	K08AI080285	INFLUENCE OF SEX STEROIDS ON HIV-1 CHEMOKINE CORECEPTOR EXPRESSION IN WOMEN	\$132,177
2011	COLORADO STATE UNIVERSITY	CO	R01AI089718	Disinfectant-resistant mycobacteria	\$365,378
2011	COLORADO STATE UNIVERSITY	CO	R21AI091991	MECHANISMS OF ENTERIC BURKHOLDERIA PSUEDOMALLEI INFECTION	\$180,712
2011	MBIO DIAGNOSTICS INC	CO	R01AI096189	Integrated System for Rapid Detection of Respiratory Pathogens	\$1,083,803
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI092540	DEVELOPMENT OF NOVEL NUCLEOSIDE TRIPHOSPHATE PRODRUGS	\$202,251
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI092108	iNKT Cell Recognition of Endogenous Lipid Antigens	\$382,250
2011	COLORADO STATE UNIVERSITY	CO	R01AI093634	Mother to Offspring Transmission of Chronic Wasting Disease	\$378,682
2011	UNIVERSITY OF COLORADO DENVER	CO	R56AI068777	COMBINED TLR/CD40-AGONIST INDUCED CD8+ T CELL MEMORY	\$386,834
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$388,810
2011	UNIVERSITY OF COLORADO DENVER	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$758,229

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2011	NATIONAL JEWISH HEALTH	CO	R01AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$505,980
2011	COLORADO SCHOOL OF MINES	CO	R01AI079347	HIGH-THROUGHPUT CELL MECHANICAL PROPERTY TESTING FOR LABEL-FREE ASSAYING	\$317,276
2011	UNIVERSITY OF COLORADO DENVER	CO	U01AI084735	CELLULAR PHARMACOLOGY OF TENOFOVIR AND EMTRICITABINE FOR HIV PROPHYLAXIS	\$2,159,561
2011	INVIRAGEN LLC	CO	R44AI061940	CLINICAL DEVELOPMENT OF COMBINATION PLAGUE/SMALLPOX VACCINE	\$849,278
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI090424	DEVELOPMENT OF A SUBLINGUAL MEASLES VACCINE	\$247,935
2011	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI085251	MECHANISMS OF PSEUDOMONAS PQSR ACTIVATION BY BACTERIAL AND HOST SIGNALS	\$74,993
2011	UNIVERSITY OF COLORADO DENVER	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	\$148,890
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092861	IMMUNOLOGIC MEMORY, PERSISTING MICROBES AND CHRONIC DISEASE	\$9,000
2011	INDEVR LLC	CO	R44AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$994,286
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092849	IMMUNITY IN THE RESPIRATORY TRACT: CHALLENGES OF THE LUNG ENVIRONMENT	\$10,000
2011	COLORADO STATE UNIVERSITY	CO	K25AI089945	Optimal Drug Regimens for TB: An Integrated Computational/Experimental Approach	\$122,850
2011	MBIO DIAGNOSTICS INC	CO	R43AI093289	POINT-OF-CARE HIV ANTIGEN/ANTIBODY DIAGNOSTIC DEVICE	\$197,467
2011	COLORADO STATE UNIVERSITY	CO	R21AI094163	REGULATION OF LIPID BIOSYNTHESIS IN MYCOBACTERIUM TUBERCULOSIS	\$185,104
2011	NATIONAL JEWISH HEALTH	CO	R01AI091614	Role of MEK1 in T cell function in asthma	\$396,250
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI092851	DENDRITIC CELLS AND THE INITIATION OF ADAPTIVE IMMUNITY	\$9,000
2011	UNIVERSITY OF COLORADO DENVER	CO	U01AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$1,896,461
2011	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$412,073
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$393,233
2011	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$354,725
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI067296	DESIGN OF NEW ANTIMICROBIALS	\$360,863
2011	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$214,012
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI077597	Infectious Agents and B Cell Anergy	\$378,675
2011	UNIVERSITY OF COLORADO DENVER	CO	R01AI090795	INNATE RESTRICTION FACTOR MODULATION OF RETROVIRUS-SPECIFIC HUMORAL IMMUNITY	\$709,630
2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI093270	PROTECTION FROM HIV: TARGETED INTERVENTION STRATEGIES	\$20,000

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2011	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI094907	DRUGS FROM BUGS: THE ANTI-INFLAMMATORY DRUGS OF TOMORROW	\$8,400
2011	NATIONAL JEWISH HEALTH	CO	R56AI058228	MACROPHAGE PPAR γ SIGNALING, EFFEROCYTOSIS, AND EXAGGERATED INFLAMMATION IN CGD	\$317,000
2011	YALE UNIVERSITY	CT	R01AI052473	Natural History of Urban Leptospirosis	\$338,105
2011	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$413,278
2011	YALE UNIVERSITY	CT	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$762,285
2011	YALE UNIVERSITY	CT	R01AI082030	THE ROLE OF BCL-RAMBO IN THYMIC INVOLUTION	\$405,516
2011	YALE UNIVERSITY	CT	F31AI081516	T B CELL HELPERS IN IMMUNITY & AUTOIMMUNITY:DEVELOPMENT MAINTENANCE AND MIGRATION	\$18,625
2011	YALE UNIVERSITY	CT	F31AI084500	INFECTION AND CD8 T CELL MEMORY: DEVELOPMENT, MAINTENANCE AND PLASTICITY	\$26,400
2011	YALE UNIVERSITY	CT	K08AI071074	THE REGULATION OF PSEUDOMONAS AERUGINOSA SURFACE COLONIZATION	\$131,895
2011	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R43AI091089	SYNTHETIC NANOCAPSULE MALARIA VACCINES	\$300,000
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R03AI085248	TRANSIT OF BORRELIA BURGDORFERI THROUGH THE IXODES SCAPULARIS MIDGUT PROCEEDS IN	\$76,189
2011	LIFEPHARMS INC	CT	R43AI096847	NOVEL ANTIBACTERIAL SCAFFOLD FROM NATURAL PRODUCTS	\$300,000
2011	YALE UNIVERSITY	CT	K23AI089260	Community-Based Intensive Case Finding for HIV, TB, and MDR/XDR TB in Rural South	\$132,770
2011	SYNECTIC ENGINEERING INC	CT	R43AI096558	PALMSTAT: A SELF-CONTAINED POINT OF CARE DIAGNOSTIC PLATFORM	\$164,041
2011	YALE UNIVERSITY	CT	R21AI088079	THE HEALTH BURDEN OF A RECENTLY DISCOVERED BORRELIA SPIROCHETE	\$309,310
2011	YALE UNIVERSITY	CT	K22AI089969	DEFINING TARGET SPECIFICITY OF OXADIAZOLE 2-OXIDES IN ANCYLOSTOMA CEYLANICUM	\$162,000
2011	YALE UNIVERSITY	CT	R01AI073722	ACTIVATION AND REGULATION OF AUTOREACTIVE B CELLS IN HEALTH AND DISEASE	\$557,444
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$482,449
2011	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	\$347,351
2011	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$457,818

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2011	YALE UNIVERSITY	CT	R01AI056333	SMALL RNAS AND THEIR ROLE IN TRYPANOSOME BIOLOGY	\$364,966
2011	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$413,750
2011	YALE UNIVERSITY	CT	R01AI080781	Novel vaccines for broad protection against avian influenza	\$405,516
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$362,637
2011	YALE UNIVERSITY	CT	R01AI084096	TARGETING HIV CELL-TO-CELL TRANSMISSION	\$548,012
2011	YALE UNIVERSITY	CT	R33AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$377,149
2011	CENTRAL CONNECTICUT STATE UNIVERSITY	CT	R03AI091603	DO GENETIC VARIANTS OF MTAP7 CREATE SINGLE-GENE BARRIERS TO TISSUE-GRAFT COMPATIB	\$70,596
2011	YALE UNIVERSITY	CT	U19AI089992	Defining signatures for immune responsiveness by functional systems immunology	\$2,849,006
2011	YALE UNIVERSITY	CT	R03AI092156	Human pathogenic bacterium induces actin phosphorylation to selectively regulate	\$82,750
2011	YALE UNIVERSITY	CT	R01AI093775	Improved Treatment of American Cutaneous Leishmaniasis by Immunomodulation	\$672,205
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI071213	ANTIGEN PRESENTATION AFTER INFLUENZA VIRUS INFECTION	\$355,748
2011	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$205,093
2011	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$418,093
2011	YALE UNIVERSITY	CT	R37AI040357	DEVELOPMENT OF VSV/HIV RECOMBINANTS AS HIV VACCINES	\$324,413
2011	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$413,750
2011	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$598,108
2011	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$254,280
2011	YALE UNIVERSITY	CT	F32AI085767	USING VSV VECTORS TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST SIV ENVELOPE.	\$53,042
2011	YALE UNIVERSITY	CT	R01AI076259	MOLECULAR DETERMINANTS OF HEPATITIS C VIRUS INFECTIVITY	\$405,516
2011	YALE UNIVERSITY	CT	R01AI080850	IN VIVO IMAGING OF T AND B CELL INTERACTIONS IN GERMINAL CENTER INITIATION	\$405,516
2011	YALE UNIVERSITY	CT	K08AI085038	Role of the Nlrp3 Inflammasome in Adaptive Immunity	\$133,515
2011	YALE UNIVERSITY	CT	F32AI093056	MULTILEVEL TARGETED THERAPEUTICS USING SURFACE FUNCTIONALIZED NANOPARTICLES ENCAP	\$48,398
2011	L2DIAGNOSTICS, LLC	CT	R43AI092976	Diagnostic tools to link Bacteroides fragilis toxin isotypes and human disease	\$282,583

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2011	YALE UNIVERSITY	CT	R21AI094615	NEXT GENERATION SEQUENCING OF EAST AFRICAN TRYPANOSOMES TO EXPAND THE MOLECULAR E	\$249,769
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	T32AI007080	BASIC IMMUNOLOGY AND IMMUNOLOGIC CELL INJURY	\$172,819
2011	YALE UNIVERSITY	CT	R01AI055502	TOLL PATHWAY & CONTROL OF ADAPTIVE IMMUNE RESPONSES	\$444,993
2011	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$324,413
2011	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$446,082
2011	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$405,516
2011	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$318,250
2011	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$409,613
2011	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$173,448
2011	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$540,883
2011	YALE UNIVERSITY	CT	R01AI079022	VIRULENCE FACTORS OF SALMONELLA TYPHI	\$405,516
2011	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$1,619,778
2011	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	\$386,661
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI073300	RNA polymerase II transcription in trypanosomes	\$382,288
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	U01AI095544	Role of TCRy& T cells in the mucosal response to intestinal infection	\$344,488
2011	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$793,735
2011	YALE UNIVERSITY	CT	K22AI085112	A. GAMBIAE THIOESTER-CONTAINING PROTEIN 1 (TEP1) PROTEIN-PROTEIN INTERACTIONS	\$108,000
2011	YALE UNIVERSITY	CT	F32AI091024	ANTIGEN-SPECIFIC CD8 T CELL MIGRATION AND PROTECTIVE IMMUNITY IN PERMISSIVE AND R	\$48,398
2011	YALE UNIVERSITY	CT	R21AI088312	IDENTIFICATION OF HUMAN HOST FACTORS INVOLVED IN CHLAMYDIA DEVELOPMENT	\$204,910
2011	YALE UNIVERSITY	CT	R21AI094228	REGULATION OF BACTERIAL PATHOGEN ACTIN-BASED MOTILITY BY HOST CELL KINASES	\$248,250
2011	YALE UNIVERSITY	CT	R03AI090197	Anaplasma phagocytophilum induce Ixodes scapularis antifreeze glycoprotein gene e	\$82,750
2011	YALE UNIVERSITY	CT	R21AI094059	RECRUITMENT OF HOST NONCODING RNAS BY XMRV	\$261,540
2011	L2DIAGNOSTICS, LLC	CT	R41AI092978	T CELL CYTOKINE ASSAY FOR THE DIAGNOSIS OF DISSEMINATED LYME BORRELIOSIS	\$281,029
2011	ALBERT B SABIN VACCINE INSTITUTE	CT	R56AI090577	PRODUCT DEVELOPMENT OF A MEMBRANE TETRASPANIN VACCINE AGAINST SCHISTOSOMIASIS	\$561,750

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2011	YALE UNIVERSITY	CT	R56AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$810,993
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$380,944
2011	YALE UNIVERSITY	CT	R01AI075133	STRUCTURAL BASIS OF JAK3-MEDIATED INTERLEUKIN-2 FAMILY SIGNAL TRANSDUCTION	\$430,831
2011	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$499,112
2011	YALE UNIVERSITY	CT	R21AI088366	STRUCTURAL STUDIES OF THE MHC CLASS I PEPTIDE LOADING COMPLEX	\$245,768
2011	YALE UNIVERSITY	CT	F32AI094905	CYTOSKELETAL CONTROL OF LEISHMANIA INFECTION	\$57,320
2011	YALE UNIVERSITY	CT	R56AI064660	THE ROLE OF INNATE IMMUNITY IN TRANSPLANT TOLERANCE	\$187,000
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI078289	ROLE OF CD11C IN CD8 T CELL RESPONSE TO INFECTION	\$466,332
2011	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$405,516
2011	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$690,730
2011	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$576,945
2011	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$413,750
2011	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$409,613
2011	CONNECTICUT CHILDREN'S MEDICAL CENTER	CT	K08AI071918	MATERNAL INFLUENCE ON THE DEVELOPMENT OF ALLERGY IN OFFSPRING	\$126,393
2011	YALE UNIVERSITY	CT	K08AI074404	HIV NUCLEOSIDE ANALOGS TRANSLATIONAL STUDIES: RESISTANCE AND METABOLISM	\$125,820
2011	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$405,516
2011	YALE UNIVERSITY	CT	R01AI075051	REGULATION OF MOTILITY AND ORGANELLE ASSEMBLY AT THE PSEUDOMONAS AERUGINOSA POLE	\$409,613
2011	YALE UNIVERSITY	CT	U19AI082713	YALE AUTOIMMUNITY CENTER OF EXCELLENCE	\$719,597
2011	YALE UNIVERSITY	CT	R21AI087467	A NOVEL TRIM PROTEIN INVOLVED IN INNATE IMMUNITY	\$204,806
2011	YALE UNIVERSITY	CT	R21AI096017	HIGH THROUGHPUT POPULATION GENOMICS OF AEDES ALBOPICTUS	\$258,875
2011	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$409,613
2011	YALE UNIVERSITY	CT	R21AI077603	TRANSCRIPTIONAL REGULATORS OF THE MALARIAL VAR MULTIGENE FAMILY	\$206,973
2011	YALE UNIVERSITY	CT	R01AI084140	A MULTIPRONGED, PROTEIN DEGRADATION-BASED APPROACH TO INHIBIT HIV TRANSMISSION	\$459,415

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2011	CIENCIA, INC	CT	R44AI066482	PROTEIN MICROARRAY SYSTEM FOR RHEUMATOID ARTHRITIS	\$484,915
2011	YALE UNIVERSITY	CT	R01AI089771	Role of basophils in initiating Th2 immune responses	\$409,120
2011	YALE UNIVERSITY	CT	R01AI081884	Autophagy in Antiviral Immunity	\$408,731
2011	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$409,613
2011	YALE UNIVERSITY	CT	R01AI097064	Mechanisms of enveloped virus tethering by tetherin and viral countermeasures	\$392,790
2011	YALE UNIVERSITY	CT	T32AI089704	Human and Translational Immunology	\$234,062
2011	YALE UNIVERSITY	CT	R03AI092379	COMPUTATIONAL TOOLS FOR ANALYSIS OF B CELL SOMATIC HYPERMUTATION	\$82,750
2011	L2DIAGNOSTICS, LLC	CT	R41AI091234	A NANOPARTICLE-BASED VACCINE AGAINST LEISHMANIASIS	\$299,978
2011	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R43AI092924	SYNTHETIC NANOPARTICLE VACCINES FOR RSV	\$300,000
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$536,833
2011	YALE UNIVERSITY	CT	R01AI075157	DISSECTING THE ROLE FOR IL-15 IN CD8+ T CELL HOMEOSTASIS IN HUMAN LUPUS	\$405,516
2011	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$405,516
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$362,637
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$362,637
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$545,207
2011	YALE UNIVERSITY	CT	P01AI039671	Costimulatory Mechanisms of Autoimmunity (Composite)	\$2,183,882
2011	YALE UNIVERSITY	CT	R03AI081047	DEVELOPMENT OF A FLAVIVIRUS E PROTEIN FUSION LOOP VACCINE	\$82,750
2011	YALE UNIVERSITY	CT	R01AI072592	MEMORY T LYMPHOCYTE-MEDIATED INNATE IMMUNITY	\$358,211
2011	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$117,078
2011	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$200,255
2011	YALE UNIVERSITY	CT	R01AI068814	JAK/STAT SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$318,250
2011	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$486,438
2011	YALE UNIVERSITY	CT	R01AI082295	REGULATION OF CXCR4 BY COGNATE AND NON-COGNATE LIGANDS	\$399,097
2011	YALE UNIVERSITY	CT	R01AI085798	Real-time Imaging Analysis of Vector-borne Lyme Borreliosis Pathogenesis & Persis	\$409,613

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2011	YALE UNIVERSITY	CT	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$149,528
2011	YALE UNIVERSITY	CT	F32AI093023	Lipid metabolism during tsetse reproduction	\$48,398
2011	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory bowel disease	\$399,584
2011	YALE UNIVERSITY	CT	R01AI091568	ACE: Investigation of Innate Immunity in Multiple Sclerosis	\$326,442
2011	YALE UNIVERSITY	CT	R01AI043594	RNA CAPPING IN TRYPANOSOMES	\$405,516
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI051583	ROLE OF IL-15 IN CD8 T CELL DEVELOPMENT AND RESPONSE	\$366,300
2011	YALE UNIVERSITY	CT	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$324,413
2011	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$394,193
2011	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$103,438
2011	YALE UNIVERSITY	CT	R01AI032947	BORRELIA BURGDORFERI INTERACTIONS WITH IXODES SCAPULARIS	\$392,434
2011	YALE UNIVERSITY	CT	R01AI041699	GENETIC ANALYSIS OF LEGIONELLA PHAGOSOME TRAFFICKING	\$426,876
2011	UNIVERSITY OF CONNECTICUT	CT	R01AI073375	TARGETING BACILLUS DHFR: STRUCTURAL STUDIES AND SYNTHESIS OF INHIBITORS	\$327,112
2011	YALE UNIVERSITY	CT	K08AI078533	ELUCIDATING FUNCTIONAL PROPERTIES OF MEMORY B CELLS	\$134,730
2011	YALE UNIVERSITY	CT	R01AI079222	Fc gamma mediated regulation of dendritic cell function	\$405,516
2011	UNIVERSITY OF CONNECTICUT	CT	R01AI068761	MALARIA VACCINE BASED ON SELF-ASSEMBLING POLYPEPTIDE NANOPARTICLES (SAPN)	\$543,351
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI090166	Phagosomal Signals Shape Inflammatory Responses to B. Burgdorferi	\$437,044
2011	YALE UNIVERSITY	CT	R01AI081825	INNATE IMMUNE RESPONSES TO TYPE 3 SECRETION SYSTEM COMPONENTS AND EFFECTORS	\$425,860
2011	LIFEPHARMS INC	CT	R43AI093281	NOVEL ANTIFUNGALS FOR IMMUNOCOMPROMISED/HIV PATIENTS.	\$300,000
2011	YALE UNIVERSITY	CT	R21AI090563	CRYSTAL STRUCTURES OF CXCR4 COMPLEXED TO CXCL12	\$204,910
2011	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$591,890
2011	YALE UNIVERSITY	CT	R21AI094000	EPIMUTATION AT THE CD4 LOCUS: INDUCTION, PROPAGATION AND REPAIR	\$248,250
2011	YALE UNIVERSITY	CT	R37AI028798	RNA METABOLISM IN TRYPANOSOMES	\$762,756
2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI092060	ABSORPTION OF MATERNAL ANTIBODIES FROM THE GASTROINTESTINAL TRACT	\$230,750
2011	YALE UNIVERSITY	CT	R21AI088484	VERSATILE CARRIERS FOR CELL-SPECIFIC SIRNA DELIVERY IN VIVO	\$239,425

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2011	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R00AI080868	VISUALIZING ENDOGENOUS CD8 T CELL MIGRATION TO INFECTION	\$249,000
2011	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Womens Interagency HIV/AIDS Study	\$3,305,883
2011	US NAVAL RESEARCH LABORATORIES	DC	U01AI075489	PARTNERSHIP FOR DETECTION OF INFECTION BY CATEGORY B PATHOGENS	\$752,345
2011	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$15,000
2011	GEORGETOWN UNIVERSITY	DC	F31AI078714	ANALYSIS OF SENSE AND ANTISENSE TRANSCRIPTS DURING THE GIARDIA LAMBLIA LIFECYCLE	\$30,120
2011	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI094926	ASM CONFERENCE ON VIRAL GENOME REPLICATION	\$10,000
2011	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI096799	4TH ASM CONFERENCE ON CELL-CELL COMMUNICATION IN BACTERIA	\$10,000
2011	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI082086	MULTIVALENT PLAGUE, ANTHRAX VACCINES USING BACTERIOPHAGE T4 DISPLAY	\$474,542
2011	INTERNATIONAL AIDS SOCIETY	DC	R13AI098464	XIX INTERNATIONAL AIDS CONFERENCE (AIDS 2012)	\$7,010,000
2011	GEORGETOWN UNIVERSITY	DC	R15AI094492	IMMUNE CONTROL OF GIARDIA PATHOGENESIS	\$460,500
2011	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$143,549
2011	HOWARD UNIVERSITY	DC	F31AI091551	PHOSPHORYLATION OF CDK9 BY CDK2 IN HIV-1 REPLICATION	\$39,190
2011	CHILDREN'S RESEARCH INSTITUTE	DC	R33AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$438,570
2011	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$338,503
2011	GEORGETOWN UNIVERSITY	DC	R21AI090290	Novel antifungal therapeutics	\$219,400
2011	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI090571	IDENTIFICATION OF ANTIGENS FOR ANTI-HIV BROADLY NEUTRALIZING RESPONSES	\$552,901
2011	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI096780	2ND ASM CONFERENCE ON MANIPULATION OF NUCLEAR PROCESSES BY DNA VIRUSES	\$10,000
2011	UNIVERSITY OF MIAMI	FL	R01AI077501	ROLE OF IL21 IN HIV INFECTION	\$374,888
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI072465	MAPPING PROTEIN INTERACTIONS BETWEEN FILARIA AND ITS WOLBACHIA ENDOSYMBIONT	\$400,020
2011	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$354,519
2011	FLORIDA ATLANTIC UNIVERSITY	FL	R15AI093229	HNRNP A1 INHIBITION OF HIV-1 REPLICATION	\$433,500
2011	BANYAN BIOMARKERS INC	FL	R43AI094877	RECOMBINANT HEPATIC ARGININOSUCCINATE SYNTHASE (RASS) FOR TREATMENT OF SEPSIS/END	\$291,394
2011	UNIVERSITY OF FLORIDA	FL	R21AI096345	GENETIC VARIANTS OF HUMAN CARBOXYLESTERASE 1 INFLUENCE THE ACTIVATION AND ANTIVIR	\$219,750

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2011	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI090350	THE ROLE OF EXTRACELLULAR PROTEASES IN CA-MRSA INFECTIONS	\$218,295
2011	UNIVERSITY OF FLORIDA	FL	R01AI047859	ANTIGENS OF THE RNA-INDUCED SILENCING COMPLEX IN AUTOIMMUNITY	\$316,928
2011	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$323,609
2011	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$378,675
2011	Florida State University	FL	R01AI055461	HIV AND SIV ENVELOPE GLYCOPROTEINS	\$344,873
2011	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$382,500
2011	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$358,962
2011	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$410,145
2011	UNIVERSITY OF FLORIDA	FL	R01AI077583	THE INTERACTION OF CHLAMYDIA WITH THE HOST CYTOSKELETON	\$358,962
2011	UNIVERSITY OF MIAMI	FL	R33AI073234	INDUCTION OF MUCOSAL SIV IMMUNITY IN NON HUMAN PRIMATES BY SECRETED HSP-GP96	\$446,977
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI079706	DEVELOPMENT OF STREAMED ION DEPOSITION FOR EFFICIENT PLASMID DNA DELIVERY	\$181,913
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI080626	Characterization of S in the stress & virulence responses of S. aureus	\$327,443
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	R33AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$467,370
2011	UNIVERSITY OF MIAMI	FL	R21AI093294	CLUSTERED RECEPTOR-SIGNALING DOMAINS AS NOVEL HIV VACCINE GENETIC ADJUVANTS	\$229,500
2011	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,117,395
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI038178	REGULATION OF VIRULENCE FACTORS IN BARTONELLA HENSELAE	\$324,169
2011	UNIVERSITY OF MIAMI	FL	U01AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$1,778,367
2011	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$374,888
2011	UNIVERSITY OF FLORIDA	FL	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	\$131,652
2011	UNIVERSITY OF MIAMI	FL	U01AI083015	EVALUATION OF NOVEL DEXD/H HELICASES IN INNATE IMMUNE SIGNALING	\$367,148
2011	UNIVERSITY OF FLORIDA	FL	R01AI079014	Vesicle Trafficking and Bacteria Invasion	\$362,588
2011	NANOTHERAPEUTICS INC	FL	R44AI094919	GelVac Stable, Dry-Powder Nasal Recombinant VLP-Based Bivalent Norovirus Vaccine	\$289,355
2011	UNIVERSITY OF MIAMI	FL	P01AI096396	MECHANISMS OF MUCOSAL PROTECTION BY HPV-SIV AND GP96-LG-SIV VACCINES	\$2,000,000
2011	UNIVERSITY OF MIAMI	FL	R01AI039575	CONTROL OF VIRULENCE PROTEIN EXPORT IN YERSINIA PESTIS	\$367,766

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2011	UNIVERSITY OF MIAMI	FL	R01AI039973	BIOCHEMICAL MECHANISMS OF DRUG RESISTANCE IN HIV RT	\$376,886
2011	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$443,935
2011	FLORIDA INTERNATIONAL UNIVERSITY	FL	SC1AI081376	REGULATION OF P. AERUGINOSA POXB OXACILLINASE BY AMPR AND A TWO-COMPONENT SYSTEM	\$308,732
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI094973	A large-scale transposon mutagenesis screen of Plasmodium falciparum	\$348,888
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	K22AI081730	DETERMINATION OF THE GENETIC BASIS OF BORRELIA BURGDORFERI MAMMALIAN INFECTIVITY	\$107,128
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI090561	TOPICAL CHARGE DRIVEN DNA DELIVERY TO THE SKIN	\$181,913
2011	UNIVERSITY OF FLORIDA	FL	R21AI095780	REPRODUCTIVE INTERFERENCE BETWEEN INVASIVE AEDES VECTORS	\$219,750
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	R56AI052017	RETROCYCLINS: CIRCULAR DEFENSINS ACTIVE AGAINST HIV-1	\$382,609
2011	UNIVERSITY OF MIAMI	FL	R01AI032890	CELLULAR CO-FACTORS OF HIV-1 INFECTION	\$330,988
2011	UNIVERSITY OF MIAMI	FL	R01AI065723	IMMUNOLOGIC MECHANISMS, BIOMARKERS AND SUBSETS IN CHRONIC FATIGUE SYNDROME (CFS)	\$367,766
2011	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$186,598
2011	UNIVERSITY OF FLORIDA	FL	R01AI034276	LISTERIA AND SHIGELLA USE ACTIN TO SPREAD CELL TO CELL	\$321,352
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$365,311
2011	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$424,617
2011	Florida State University	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$481,610
2011	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$457,398
2011	UNIVERSITY OF FLORIDA	FL	R01AI079729	RESISTANCE SUPPRESSION FOR INFLUENZA VIRUS WITH COMBINATION CHEMOTHERAPY	\$558,357
2011	UNIVERSITY OF MIAMI	FL	R21AI087385	OLIGONUCLEOTIDE APTAMER LIGANDS TO REVERSE T CELL ANERGY IN HIV-INFECTED PATIENTS	\$227,205
2011	UNIVERSITY OF FLORIDA	FL	R21AI082310	PERSISTENT NOROVIRUS INFECTION IMPAIRS PROTECTIVE IMMUNITY	\$181,294
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI089885	The AP2 factors required for Toxoplasma replication	\$464,229
2011	UNIVERSITY OF FLORIDA	FL	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$1,044,441
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R13AI093165	CONFERENCE: ADVANCES IN TRANSLATIONAL RESEARCH IN AIDS/HIV IN INDIA	\$10,000

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2011	ALTOR BIOSCIENCE CORPORATION	FL	R43AI093218	EVALUATING RELEVANT VACCINE EPITOPES DISPLAYED ON HIV-INFECTED CELLS	\$237,181
2011	UNIVERSITY OF MIAMI	FL	R56AI095255	ROLE OF TRIF-DEPENDENT TLR SIGNALING IN INTESTINAL IMMUNITY	\$382,500
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI035272	LIPID STORAGE AND MOBILIZATION IN M. TUBERCULOSIS AS ANTILATENCY DRUGS TARGETS	\$366,827
2011	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$455,074
2011	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$362,588
2011	UNIVERSITY OF FLORIDA	FL	R01AI073674	MECHANISM OF TRYPANOSOMA CRUZI'S TRANSSIALIDASE IN CHAGAS' DISEASE	\$237,083
2011	UNIVERSITY OF FLORIDA	FL	R01AI078967	TAILORING AAV VECTORS FOR GLIOMA IMMUNOTHERAPY	\$358,962
2011	UNIVERSITY OF FLORIDA	FL	R01AI079578	RESISTANCE SUPPRESSION FOR P. AERUGINOSA USING NOVEL COMBINATION THERAPY MODELING	\$626,816
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI077662	ESSENTIAL CELL CYCLE MECHANISMS IN TOXOPLASMA	\$360,603
2011	Florida State University	FL	P01AI074805	M TUBERCULOSIS MEMBRANE PROTEIN PHARMACEUTICAL TARGETS	\$1,737,687
2011	UNIVERSITY OF FLORIDA	FL	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$321,392
2011	UNIVERSITY OF MIAMI	FL	R21AI088511	BTK SIGNALING IN B CELL SURVIVAL BY BAFF-R	\$189,338
2011	UNIVERSITY OF MIAMI	FL	R21AI092243	THE ROLE OF DISULFIDE BONDING IN TYPE III SECRETION OF CHLAMYDIA SPP.	\$220,465
2011	UNIVERSITY OF FLORIDA	FL	R01AI039126	FOAMY VIRUS VECTOR FOR IMMUNODEFICIENCY VIRUSES THERAPY	\$316,928
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073783	TOXIN THERMAL INSTABILITY AND ITS ROLE IN HOST-TOXIN INTERACTIONS	\$341,325
2011	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$874,884
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$288,149
2011	Florida State University	FL	R01AI079150	Cyclosporine, Cyclophilins and HCV Replication	\$321,298
2011	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$3,333,529
2011	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	\$413,325
2011	UNIVERSITY OF MIAMI	FL	R21AI088601	TARGETED SIRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$176,296
2011	UNIVERSITY OF MIAMI	FL	R01AI091521	MICROBIAL TRANSLOCATION & ALTERATIONS IN GUT MICROBIOMES IN HIV INFECTED CHILDREN	\$379,256

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2011	UNIVERSITY OF MIAMI	FL	P01AI089556	Immunomodulatory and regenerative effects of mesenchymal stem cells on allografts	\$1,934,330
2011	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$363,825
2011	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$365,356
2011	Florida State University	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$403,988
2011	UNIVERSITY OF FLORIDA	FL	R01AI056152	STUDY OF GAMMA INTERFERON AGONISTS/MIMETICS	\$358,962
2011	UNIVERSITY OF MIAMI	FL	U01AI069477	MIAMI HIV/AIDS CLINICAL THERAPEUTIC AND VACCINE TRIAL UNIT	\$1,233,860
2011	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$404,736
2011	UNIVERSITY OF CENTRAL FLORIDA	FL	K22AI081729	STRUCTURE-FUNCTION RELATIONSHIPS OF CHLAMYDIA TRACHOMATIS TARP & BINDING PROTEINS	\$106,640
2011	NANOTHERAPEUTICS INC	FL	R43AI081394	DEVELOPMENT OF A SYNTHETIC TYPHOID FEVER VACCINE AS A SUBSTITUTION OF VI VACCINE	\$296,331
2011	UNIVERSITY OF MIAMI	FL	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	\$255,729
2011	UNIVERSITY OF MIAMI	FL	R56AI044923	DEVELOPMENTALLY REGULATED EPIGENETIC PROGRAMS IN FETAL/NEONATAL T LINEAGE CELLS	\$446,370
2011	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$430,216
2011	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$621,641
2011	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,437,996
2011	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$431,244
2011	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$387,500
2011	EMORY UNIVERSITY	GA	K08AI079166	DISSECTING THE PATHWAYS LEADING TO INJURY IN LUNG TRANSPLANTATION	\$128,736
2011	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$251,279
2011	EMORY UNIVERSITY	GA	U19AI090023	System Biological Analyses of Innate and Adaptive Responses to Vaccination	\$4,398,252
2011	EMORY UNIVERSITY	GA	R01AI087798	Role of the Respiratory Syncytial Virus Fusion Protein in Airway Mucus Induction	\$386,682
2011	GENETAG TECHNOLOGY INC	GA	R43AI090852	DNA DETECTION SWITCH (DDS) PROBES FOR DIAGNOSIS OF MULTI-DRUG RESISTANT TUBERCULO	\$448,414
2011	INFORMED HORIZONS LLC	GA	R13AI093188	HIV DART: Frontiers in Drug Development for Antiretroviral Therapies	\$20,000

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2011	EMORY UNIVERSITY	GA	R21AI087453	KINETIC DETERMINANTS OF HIV NEUTRALIZATION	\$191,813
2011	EMORY UNIVERSITY	GA	R01AI030048	T Cell Memory To Viruses	\$477,547
2011	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R15AI096317	Systematics of medically important Dermacentor tick vectors	\$327,500
2011	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI088023	Spatiotemporal control of reactive oxygen species in T cells	\$362,080
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$363,862
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI022070	IMMUNOREGULATION IN EXPERIMENTAL CHAGAS DISEASE	\$354,546
2011	EMORY UNIVERSITY	GA	U01AI069418	EMORY HIV/AIDS CLINICAL TRIALS UNIT	\$1
2011	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$377,747
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$530,381
2011	EMORY UNIVERSITY	GA	R01AI047498	Phylogeography and Spatial Dynamics of Epidemic Rabies	\$352,152
2011	EMORY UNIVERSITY	GA	U01AI074635	MEMORY AND REGULATORY T CELLS FOLLOWING T CELL DEPLETION IN TRANSPLANTATION	\$758,780
2011	EMORY UNIVERSITY	GA	U01AI074579	SELF-ADMINISTERED MICRONEEDLE PATCHES FOR INFLUENZA VACCINES	\$1,639,918
2011	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,683,833
2011	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$4,352,253
2011	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI079277	VISUALIZATION OF INDIVIDUAL FOXP3+ T CELLS DURING AN ONSET AND PROGRESSION OF AUT	\$360,187
2011	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune R	\$431,244
2011	EMORY UNIVERSITY	GA	R21AI089302	ENHANCING THE IMMUNOGENICITY AND UTILITY OF MVA-BASED AIDS VACCINES	\$1
2011	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI094624	IMAGING BIOMATERIAL-ASSOCIATED INFLAMMATION	\$188,125
2011	EMORY UNIVERSITY	GA	K01AI091864	Models for improving surveillance of environmentally-mediated infectious diseases	\$129,141
2011	ZETRA BIOLOGICALS LLC	GA	R43AI091230	VIRUS-LIKE PARTICLE VACCINES AGAINST RESPIRATORY SYNCYTIAL VIRUS	\$299,999
2011	EMORY UNIVERSITY	GA	R01AI093406	A dual vaccine strategy against filovirus infection	\$966,148
2011	EMORY UNIVERSITY	GA	R56AI064462	EPITHELIAL SPECIFIC UBIQUITINATION EVENTS	\$379,250
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$399,290

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2011	EMORY UNIVERSITY	GA	R01AI078426	PATHOGENESIS OF MURINE POLYOMAVIRUS ALLOGRAFT NEPHROPATHY	\$379,789
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI049194	MYCOPLASMA PNEUMONIAE GLIDING MOTILITY	\$380,319
2011	EMORY UNIVERSITY	GA	R01AI030363	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	\$294,213
2011	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI048088	Regulation of West Nile virus replication.	\$286,110
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI039033	Mechanisms of Resistance and Susceptibility to African Trypanosome Infection	\$367,538
2011	EMORY UNIVERSITY	GA	K23AI073119	IMPACT OF PLASMA ALPHA-1-ACID GLYCOPROTEIN VARIABILITY ON FREE LOPINAVIR LEVELS	\$128,007
2011	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$379,789
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	AMINO ACID REPAIR ACTIVITY IN HELICOBACTER PYLORI	\$361,412
2011	EMORY UNIVERSITY	GA	U01AI079223	ADJUVANT THERAPIES IMPROVING THE ANTI-REJECTION EFFECTS OF COSTIMULATION BLOCKADE	\$607,239
2011	MOREHOUSE SCHOOL OF MEDICINE	GA	F31AI083167	DETERMINING THE ROLES(S) OF HIV-1 NEF IN ENHANCEMENT OF VIRION INFECTIVITY	\$38,728
2011	EMORY UNIVERSITY	GA	U01AI089317	CLINICAL REFINEMENT OF ISLET TRANSPLANTATION	\$1
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI078096	EXPLORING CRITICAL COMPONENTS FOR MUTS ACTIVITY IN HELICOBACTER PYLORI	\$220,523
2011	INFORMED HORIZONS LLC	GA	R13AI096942	The International Workshop on HIV Persistence During Therapy	\$20,000
2011	EMORY UNIVERSITY	GA	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$958,318
2011	EMORY UNIVERSITY	GA	R21AI085328	COUNTERACTING RESISTANCE THROUGH HOST-DIRECTED MYXOVIRUS INHIBITORS	\$191,813
2011	EMORY UNIVERSITY	GA	P01AI088575	TARGETING MTOR AND CD40 PATHWAYS FOR ADJUVANTING HIV VACCINES	\$4,170,549
2011	EMORY UNIVERSITY	GA	R01AI093772	Influenza vaccines inducing broadly cross protective immunity	\$483,426
2011	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$357,638
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	\$75,059
2011	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$1,908,381
2011	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,118,287
2011	EMORY UNIVERSITY	GA	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$429,672

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI081800	CYTOKINE REGULATION OF MEMORY CD8 T CELL RESPONSES	\$291,090
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI082127	FOXN1 AND MOLECULAR MECHANISM OF THYMIC INVOLUTION	\$325,271
2011	EMORY UNIVERSITY	GA	R21AI094449	RBL Binding Domain Malaria Candidate Vaccines	\$308,000
2011	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$435,600
2011	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI085440	EXPANSION OF ALLOANTIGEN REACTIVE TREGS FOR TRANSPLANTATION TOLERANCE	\$181,913
2011	MOREHOUSE SCHOOL OF MEDICINE	GA	R21AI095150	CHARACTERIZATION OF NEF VESICLES AND THEIR EFFECT ON T CELLS AND MACROPHAGE	\$212,250
2011	EMORY UNIVERSITY	GA	R01AI090840	Design of HIV VLPs with Enhanced Immunogenicity	\$492,247
2011	EMORY UNIVERSITY	GA	R56AI087673	MODULATION OF HOST DEFENSES BY THE BACTERIAL PATHOGEN FRANCISELLA TULARENSIS	\$440,000
2011	EMORY UNIVERSITY	GA	U01AI077821	DEVELOPMENT OF TRANSPLANT STRATEGIES UNIQUELY RESPONSIVE TO THE NEEDS OF CHILDREN	\$1,490,083
2011	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$346,500
2011	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$266,202
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$39,476
2011	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	U01AI083005	MANIPULATING NATURAL HOST IMMUNOREGULATION VIA IDO DURING VIRAL INFECTION	\$1,691,272
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$709,610
2011	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$2,497,122
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI090439	TROPHOBLAST IMMUNE RESPONSES TO PLACENTAL MALARIA	\$183,769
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI088744	RSV Nanocapsule Vaccine Engineered with a G Protein Peptide Payload	\$573,233
2011	EMORY UNIVERSITY	GA	R01AI086133	NOVEL VACCINATION STRATEGIES AGAINST EPIDEMIC AND PANDEMIC INFLUENZA VIRUSES TO I	\$383,625
2011	EMORY UNIVERSITY	GA	R21AI089093	GENOMIC CHARACTERIZATION OF A NONHUMAN PRIMATE MODEL FOR AIDS RESEARCH	\$191,813
2011	MOREHOUSE SCHOOL OF MEDICINE	GA	F31AI091484	CHARACTERIZATION OF MORTALIN'S INTERACTION WITH HIV-1 NEF AND ROLE IN NEF VESICLE	\$38,910

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2011	EMORY UNIVERSITY	GA	R01AI083402	Cryo-Electron and Biochemical Anaysis of Native Paramyxovirus Fusion Complexes	\$353,146
2011	EMORY UNIVERSITY	GA	R56AI091827	GENETICS OF VANCOMYCIN INTERMEDIATE RESISTANCE IN S. AUREUS	\$739,759
2011	EMORY UNIVERSITY	GA	R01AI049334	QUANTITATIVE MODELS OF CD8+ T-CELL MEMORY	\$183,883
2011	EMORY UNIVERSITY	GA	R01AI020211	CYTOMEGALOVIRUS DNA REPLICATION AND INVERSION	\$379,789
2011	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$261,754
2011	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$832,941
2011	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	\$2,019,903
2011	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$383,625
2011	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$380,267
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$265,368
2011	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$385,026
2011	EMORY UNIVERSITY	GA	R01AI024710	MOLECULAR ANALYSIS OF PLASMODIUM VIVAX SURFACE ANTIGENS	\$549,027
2011	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$367,766
2011	EMORY UNIVERSITY	GA	R01AI081879	A Model System For Host-Pathogen Interactions: Drosophila And Its Parasitic Wasps	\$341,811
2011	EMORY UNIVERSITY	GA	R01AI078775	PD-1 MODULATION OF SIV SPECIFIC CD4 AND CD8 T CELL RESPONSES	\$594,813
2011	EMORY UNIVERSITY	GA	F32AI091105	HA FUSION PROPERTIES AS A DETERMINANT OF INFLUENZA TRANSMISSION AND PATHOGENICITY	\$53,042
2011	EMORY UNIVERSITY	GA	R37AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$724,700
2011	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI081798	Balance between effector and regulatory CD4 T cells in Sjogren's syndrome	\$372,500
2011	EMORY UNIVERSITY	GA	P01AI096187	B-CELL BIOLOGY OF MUCOSAL IMMUNE PROTECTION FROM SIV CHALLENGE	\$5,457,454
2011	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R56AI092213	THE ROLE OF INDOLEAMINE 2-3 DIOXYGENASE IN MARGINAL ZONE-MEDIATED TOLERANCE	\$335,438
2011	EMORY UNIVERSITY	GA	R56AI087782	NOVEL NANOTECHNOLOGY BASED ORAL INFLUENZA VACCINES	\$442,000
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI063523	BIOSYNTHESIS AND FUNCTION OF BASE J IN T. BRUCEI	\$383,950
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$334,125

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2011	EMORY UNIVERSITY	GA	R37AI028731	NONCARBOHYDRATE APPROACHES TO ANTIAIDS NUCLEOSIDES	\$347,696
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$330,784
2011	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$341,811
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$363,862
2011	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI084415	Genetic dissection of parasite metabolism	\$334,765
2011	EMORY UNIVERSITY	GA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$566,389
2011	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI077343	Mechanical Regulation of Selectin-Ligand Binding Kinetics	\$531,991
2011	EMORY UNIVERSITY	GA	R01AI078773	INNATE IMMUNITY AND SIV INFECTION	\$745,488
2011	EMORY UNIVERSITY	GA	R01AI090797	MECHANISMS OF SIV SUPPRESSION BY CD8+ LYMPHOCYTES	\$814,996
2011	EMORY UNIVERSITY	GA	K01AI087724	Effect of Nutrition, Immunity, and Vaccines on Pediatric Enteric Infections	\$119,902
2011	EMORY UNIVERSITY	GA	R01AI094575	Comprehensive HIV Prevention Package for MSM in Southern Africa	\$914,671
2011	GEORGIA TECH RESEARCH CORPORATION	GA	R21AI095129	DEVELOPMENT OF A NON-INVASIVE WHOLE BODY CONTRAST AGENT FOR VIRUS DETECTION	\$256,568
2011	EMORY UNIVERSITY	GA	R21AI096067	PLASMODIUM CYNOMOLGI AS A MODEL FOR P. VIVAX.	\$308,000
2011	EMORY UNIVERSITY	GA	R56AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$853,656
2011	EMORY UNIVERSITY	GA	R56AI091805	CAP SNATCHING MECHANISM OF ARENAVIRUSES	\$306,700
2011	EMORY UNIVERSITY	GA	R56AI070101	MECHANISMS OF HEPATITIS C VIRUS PERSISTENCE	\$437,150
2011	UNIVERSITY OF HAWAII	HI	R15AI092315	Development of Piperidinols and Engelhardiones as Novel Antituberculosis Agents	\$406,257
2011	PANTHERA BIOPHARMA LLC	HI	U01AI078067	ANTIDOTES TO ANTHRAX LETHAL FACTOR INTOXICATION	\$1,206,265
2011	UNIVERSITY OF HAWAII	HI	R01AI071160	MALARIAL IMMUNITY IN PREGNANT CAMEROONIAN WOMEN	\$589,768
2011	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$371,250
2011	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI055225	RECOMBINANT SUBUNIT VACCINE FOR TICK-BORNE ENCEPHALITIS	\$993,477
2011	UNIVERSITY OF HAWAII	HI	R01AI054128	MECHANISM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$330,785

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2011	UNIVERSITY OF HAWAII	HI	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$480,370
2011	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$621,189
2011	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$349,356
2011	UNIVERSITY OF IOWA	IA	K01AI075089	SOCIAL NETWORKS AND THE SPREAD OF INFLUENZA AND OTHER NOSOCOMIAL INFECTIONS	\$126,630
2011	UNIVERSITY OF IOWA	IA	R01AI028847	THE ROLES OF TRAF3 IN LYMPHOCYTE SIGNALING	\$319,091
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI075150	REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCGAMMA1	\$318,744
2011	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$367,538
2011	UNIVERSITY OF IOWA	IA	R01AI083286	MEMORY CD8 T CELL RESPONSES AFTER MULTIPLE ANTIGEN ENCOUNTERS	\$364,419
2011	UNIVERSITY OF IOWA	IA	R01AI087671	Antibacterial Agents that Restrict the Emergence of Resistance	\$371,228
2011	UNIVERSITY OF IOWA	IA	R01AI087834	ECF Sigma Factors and the Cell Envelope Stress Response of Clostridium difficile	\$375,548
2011	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$367,538
2011	UNIVERSITY OF IOWA	IA	R01AI071085	ROLE OF DENDRITIC CELLS IN IMMUNITY TO PULMONARY INFLUENZA VIRUS INFECTIONS	\$349,349
2011	UNIVERSITY OF IOWA	IA	K08AI067736	ROLE OF LUNG INFLAMMATION IN TH2 PRIMING	\$121,959
2011	UNIVERSITY OF IOWA	IA	R01AI073872	CLC-3 ION TRANSPORT MODULATES NADPH OXIDASE-DEPENDENT PMN PRIMING BY ENDOTOXIN	\$367,538
2011	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$371,250
2011	UNIVERSITY OF IOWA	IA	R01AI077519	Filoviral glycoprotein/cellular protein interactions	\$331,847
2011	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$102,979
2011	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$1,788,479
2011	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,599,714
2011	UNIVERSITY OF IOWA	IA	T32AI007485	Predocctoral Training Program in Immunology	\$209,499
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$354,016
2011	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$371,250

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2011	UNIVERSITY OF IOWA	IA	R01AI063520	IMMUNOPATHOLOGY MEDIATED BY RSV-SPECIFIC CD4 T CELLS	\$349,408
2011	UNIVERSITY OF IOWA	IA	K08AI076671	PARAOXONASE-2 S311C POLYMORPHISM ALTERS GLYCOSYLATION AND LACTONASE ACTIVITY	\$126,267
2011	UNIVERSITY OF IOWA	IA	R01AI070958	INNATE IMMUNE DEFENSE AGAINST COMMUNITY ASSOCIATED METHICILLIN-RESISTANT S.AUREUS	\$330,785
2011	UNIVERSITY OF IOWA	IA	K08AI079445	ROLE OF ANION TRANSPORTERS IN THE REGULATION OF PMN CHEMOTAXIS	\$127,764
2011	UNIVERSITY OF IOWA	IA	R33AI074392	ANALYSIS OF INTERACTIONS OF HIV TAT AND TAR WITH HEXIM1, 7SK, AND P-TEFB	\$358,714
2011	BIOPROTECTION SYSTEMS CORPORATION	IA	R43AI084350	DEVELOPMENT OF MULTIVALENT VACCINES AGAINST YELLOW FEVER AND ARENA VIRUSES	\$299,920
2011	UNIVERSITY OF IOWA	IA	K22AI081899	ROLE OF CYTOKINE INDUCTION IN APOBEC3-MEDIATED VIRUS RESTRICTION	\$108,000
2011	UNIVERSITY OF IOWA	IA	R01AI089716	Autophagy and ER stress during varicella infection	\$394,329
2011	UNIVERSITY OF IOWA	IA	R56AI093737	ROLE OF THE DEVELOPMENTAL REGULATOR GON4-LIKE IN B LYMPHOPOIESIS	\$377,500
2011	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$96,015
2011	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$335,002
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI093703	Cholinergic Receptors as Targets for Accelerated Anthelmintic Discovery	\$341,787
2011	UNIVERSITY OF IOWA	IA	R01AI091322	Role of anti-SARS-CoV T cell response in pathogenesis	\$377,292
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	U19AI091031	Enhancing B cell immunity against HIV-1 using novel vaccine delivery platforms	\$1,246,317
2011	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$367,538
2011	UNIVERSITY OF IOWA	IA	R01AI058740	GBV-C effects on CD4 activation and expansion	\$530,688
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	\$1,455,810
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI059455	EXERCISE-INDUCED IMMUNOMODULATION IN THE AGED: MECHANISMS	\$481,340
2011	UNIVERSITY OF IOWA	IA	R01AI078921	QUORUM SENSING-DEPENDENT INTERACTIONS WITH BIOFILMS AND INNATE IMMUNITY DEFENSES	\$423,691
2011	UNIVERSITY OF IOWA	IA	R21AI080966	DYNAMIC REGULATION OF INTERLEUKIN-7 RECEPTOR ALPHA CHAIN	\$185,625
2011	UNIVERSITY OF IOWA	IA	F31AI093129	HETEROCLITIC AND MODIFIED T CELL EPITOPES IN CORONAVIRUS ENCEPHALOMYELITIS	\$28,200
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$321,942

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2011	UNIVERSITY OF IOWA	IA	R01AI076244	Subverted host cell signaling by Anka in Anaplasma phagocytophilum infection	\$294,030
2011	UNIVERSITY OF IOWA	IA	R01AI076233	GENETIC RISK FACTORS FOR VISCERAL LEISHMANIASIS	\$316,083
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R33AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$387,966
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R13AI096749	MEMBRANE ION-CHANNELS IN HELMINTH PARASITES: ANTHELMINTIC RESISTANCE AND SITES OF	\$8,000
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI092185	CHOLINERGIC RECEPTORS ON THE NEMATODE PHARYNX: AN UNEXPLOITED DRUG TARGET	\$231,971
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI047194	MODULATION OF LEVAMISOLE RECEPTORS: PHARMACOLOGICAL DIVERSITY OF CLADE III NACHRS	\$382,236
2011	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI091000	ANTIVIRAL PROPERTIES OF AN OXIDATIVE HOST DEFENSE SYSTEM OF THE AIRWAYS	\$558,677
2011	UNIVERSITY OF IOWA	IA	R01AI045540	INTERACTIONS BETWEEN LEISHMANIA AND THE IMMUNE RESPONSE	\$354,546
2011	UNIVERSITY OF IOWA	IA	R01AI050073	REGULATION OF T CELL HOMEOSTASIS BY IFN-GAMMA	\$354,546
2011	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$634,104
2011	UNIVERSITY OF IOWA	IA	R01AI055042	REGULATION OF PSEUDOMONAS AERUGINOSA TYPE III SECRETION	\$294,030
2011	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$353,564
2011	UNIVERSITY OF IOWA	IA	R21AI092331	ROLE OF TRANSCRIPTIONAL REGULATION IN ASPERGILLUS FUMIGATUS DRUG RESISTANCE	\$188,646
2011	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$319,424
2011	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmids as Vectors of Antibiotic Resistance: The Evolution of Plasmid Host-Range	\$348,298
2011	UNIVERSITY OF IDAHO	ID	R01AI089808	DISSECTING A NOVEL MECHANISM OF DRUG-INDUCED DEATH IN TOXOPLASMA GONDII	\$242,425
2011	BIOTRACKING LLC	ID	R43AI093048	ENHANCED SURFACE-BOUND BIOLOGICAL ACTIVITY USING A NANOSPRING PLATFORM	\$154,945
2011	NORTHWESTERN UNIVERSITY	IL	R01AI070072	THE APOBEC/VIF CONFLICT AND HIV PATHOGENESIS	\$527,884
2011	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$400,947
2011	NORTHWESTERN UNIVERSITY	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$330,523
2011	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$378,250
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$388,575

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2011	NORTHWESTERN UNIVERSITY	IL	R01AI072570	EPITHELIAL BAFF AND APRIL IN AIRWAY INFLAMMATION, IMMUNITY AND DISEASE	\$362,959
2011	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$270,176
2011	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	F31AI081515	THE ROLE OF SIGNAL TRANSDUCTION CASCADES IN MEDIATING PAPILOMAVIRUS INFECTION.	\$42,094
2011	UNIVERSITY OF CHICAGO	IL	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$433,201
2011	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	\$367,767
2011	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$386,100
2011	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI087888	VITAMIN D AND FOOD ALLERGY: A PROSPECTIVE BIRTH COHORT STUDY	\$218,295
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI080705	REGULATION OF THE SALMONELLA PATHOGENICITY ISLAND 1 TYPE III SECRETION SYSTEM	\$362,891
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI083241	Post-translation regulation of Listeria monocytogenes virulence factors	\$369,460
2011	LOYOLA UNIVERSITY OF CHICAGO	IL	R56AI092128	ENTRY AND PATHOGENESIS OF CORONAVIRUSES	\$376,191
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R56AI065361	VPU INHIBITS NK CELL FUNCTION THROUGH DOWN REGULATION OF NTB-A	\$350,876
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI095488	PEPTIDE-BASED QUORUM SENSING CONTROLLING VIRULENCE IN BACILLUS ANTHRACIS	\$397,500
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$260,401
2011	UNIVERSITY OF CHICAGO	IL	R01AI071080	MECHANISMS OF TLR-MEDIATED PREVENTION OF TRANSPLANTATION TOLERANCE	\$300,891
2011	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$369,988
2011	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$132,143
2011	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$399,615
2011	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$583,151
2011	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$476,312
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$235,373
2011	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$827,305
2011	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$376,970
2011	NORTHWESTERN UNIVERSITY	IL	F31AI077321	INTERACTION OF HIV WITH MACAQUE GENITAL TRACT	\$28,652
2011	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R01AI080576	MECHANISMS OF FATIGUE IN A CHRONIC VIRAL DISEASE	\$354,061

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2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI082947	CHARACTERIZATION OF THE MOLECULAR MECHANISM OF MVA-INDUCED NF-KAPPAB ACTIVATION	\$46,800
2011	UNIVERSITY OF CHICAGO	IL	U01AI082180	OPTIMIZING INHIBITORS OF T. GONDII ENR	\$870,087
2011	NORTHWESTERN UNIVERSITY	IL	R01AI075191	PSEUDOMONAS AERUGINOSA GENOMIC ISLANDS AND VIRULENCE	\$336,298
2011	NORTHWESTERN UNIVERSITY	IL	R21AI088808	EXPERIMENTAL THERAPY FOR PEANUT ALLERGY WITH NOVEL PEANUT-HUMAN FUSION PROTE	\$188,719
2011	UNIVERSITY OF CHICAGO	IL	F32AI096769	Molecular assemblies as immunomodulators	\$48,398
2011	NORTHWESTERN UNIVERSITY	IL	K08AI089942	HERPES SIMPLEX VIRUS ENTRY RECEPTORS IN IMMUNE MEMORY AND NEWBORN INFECTION	\$129,060
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI094037	ANALYSIS AND ENGINEERING OF MD-2 AND RELATED PROTEINS FROM COMMON ALLERGENS	\$194,302
2011	UNIVERSITY OF CHICAGO	IL	K23AI095361	Recurrent MRSA Infections: A Study of Risk Factors and Molecular Epidemiology	\$126,630
2011	NORTHWESTERN UNIVERSITY	IL	R56AI092136	REGULATION AND FUNCTIONS OF MAST CELL-DERIVED IL-33	\$381,250
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI052400	FACTORS AND DNA MOTIFS IN IG CLASS SWITCH	\$438,510
2011	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$202,668
2011	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$373,663
2011	UNIVERSITY OF CHICAGO	IL	R01AI083375	FUNCTIONAL CONSEQUENCES OF AUTOPHAGY MUTATIONS IN CROHN'S DISEASE.	\$338,747
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K02AI081869	SIGNIFICANCE OF HEPARAN SULFATE IN HSV-1 SPREAD	\$106,191
2011	UNIVERSITY OF CHICAGO	IL	R01AI075258	ESAT-6 SECRETION IN STAPHYLOCOCCUS AUREUS	\$376,970
2011	UNIVERSITY OF CHICAGO	IL	R21AI087559	SYSTEMS FOR STUDYING THE MOBILITY OF THE SCCMEC ELEMENT IN MRSA	\$187,728
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI085226	DEVELOPMENT OF REAL TIME FLUORESCENCE-BASED ASSAYS FOR ELUCIDATING HCV ENTRY DYNA	\$77,715
2011	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$377,438
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI091779	Mechanistic Dissection of Pheromone-Dependent Regulation of Group A Streptococcal	\$392,500
2011	NORTHWESTERN UNIVERSITY	IL	F32AI094945	NEISSERIA GONORRHOEAE G4-BINDING PROTEINS THAT REGULATE PILIN ANTIGENIC VARIATION	\$48,398
2011	UNIVERSITY OF CHICAGO	IL	R01AI087645	Thymic B cells and T cell selection	\$384,624

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	F31AI094886	MECHANISMS UNDERLYING THE PATHOGENIC POTENTIAL OF CARDIOINVASIVE L. MONOCYTOGENES	\$41,800
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI045928	MOLECULAR MECHANISMS OF THE H. PYLORI VACUOLATING TOXIN	\$254,437
2011	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$359,092
2011	NORTHWESTERN UNIVERSITY	IL	R01AI052051	CELL BIOLOGY AND HIV ENTRY	\$375,008
2011	NORTHWESTERN UNIVERSITY	IL	R01AI067048	EBV GB FUNCTION IN VIRAL FUSION, ENTRY, AND EGRESS	\$370,678
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$313,204
2011	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$376,970
2011	UNIVERSITY OF CHICAGO	IL	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$543,292
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$631,480
2011	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$377,438
2011	UNIVERSITY OF CHICAGO	IL	R01AI076585	THE ORIGIN AND CONSEQUENCES OF RECEPTOR EDITING AND ALLELIC-INCLUSION.	\$377,339
2011	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$298,931
2011	NORTHWESTERN UNIVERSITY	IL	K08AI080836	ROLE OF NOVEL TH17 CELLS IN ALLOGRAFT REJECTION AND TOLERANCE	\$126,169
2011	NORTHWESTERN UNIVERSITY	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$726,683
2011	UNIVERSITY OF CHICAGO	IL	F32AI085709	CHARACTERIZATION OF THE SECRETION PATHWAYS FOR SURFACE PROTEINS IN S. AUREUS	\$51,326
2011	NORTHWESTERN UNIVERSITY	IL	U01AI089316	CLINICAL ISLET TRANSPLANTATION AT NORTHWESTERN	\$533,750
2011	MIDWESTERN UNIVERSITY	IL	R15AI088429	STRUCTURE-FUNCTION ANALYSIS OF ZEBRAFISH ENCODED 3-OST ENZYME FOR HSV-1 ENTRY	\$363,742
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI092829	GENERATING REAGENTS TO EXPLORE THE ANITVIRAL POTENTIAL OF TRIM FAMILY PROTEINS	\$74,750
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	T32AI078876	Infection Biology Training Grant	\$177,164
2011	NORTHWESTERN UNIVERSITY	IL	R01AI094595	Identification of the Initial Targets of Transmission	\$803,750
2011	UNIVERSITY OF CHICAGO	IL	R21AI096530	GATA3 DEREGLATION AND T CELL TRANSFORMATION IN E2A-/- MICE	\$195,000
2011	NORTHWESTERN UNIVERSITY	IL	R21AI092490	A NOVEL AND IMPROVED MOUSE SYSTEM FOR STUDYING MACROPHAGE SPECIFIC GENE DELETION	\$228,750
2011	NORTHWESTERN UNIVERSITY	IL	F32AI089359	ANALYSIS OF HIV-1 UNCOATING	\$55,934

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2011	ITERATIVE THERAPEUTICS	IL	R43AI081465	NOVEL HER2 TARGETING IMMUNOTHERAPEUTICS FOR BREAST CANCER	\$269,083
2011	NORTHWESTERN UNIVERSITY	IL	R01AI093370	Novel multivalent vaccine for anthrax and botulinum	\$699,999
2011	TOLEROGENICS INC	IL	R41AI085677	USE OF BISPECIFIC ANTIBODY FOR TREATING NON-OBESE DIABETES	\$192,679
2011	NORTHWESTERN UNIVERSITY	IL	R01AI092825	Molecular mechanism of V. vulnificus MARTX toxin in pathogenesis and food safety	\$381,250
2011	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R56AI091767	HHV-8, ANGIOGENESIS AND INFLAMMATION	\$386,250
2011	UNIVERSITY OF CHICAGO	IL	P01AI053725	GLYCOLIPID PRESENTATION BY CD1D	\$1,326,316
2011	NORTHWESTERN UNIVERSITY	IL	R01AI051490	GENETIC AND BIOCHEMICAL STUDY OF V. CHOLERAE RTX TOXIN	\$369,988
2011	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$377,438
2011	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$347,490
2011	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R01AI073892	ANTIMICROBIAL PEPTIDES AND THEIR SYNTHETIC MIMICS - INVESTIGATING THE MECHANISM O	\$286,531
2011	NORTHWESTERN UNIVERSITY	IL	R01AI076315	15-LIPOXYGENASE REGULATION OF MUCOSAL IMMUNITY IN ALLERGIC AIRWAYS DISEASE	\$369,988
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$893,152
2011	NORTHWESTERN UNIVERSITY	IL	F32AI089068	IDENTIFYING NOVEL PSEUDOMONAS AERUGINOSA PATHOGENESIS-ASSOCIATED GENOMIC ISLANDS	\$54,734
2011	NORTHWESTERN UNIVERSITY	IL	R21AI088286	MECHANISM OF AZITHROMYCIN ACTIVITY IN PSEUDOMONAS INFECTIONS	\$196,032
2011	NORTHWESTERN UNIVERSITY	IL	R21AI094584	CERVICAL/VAGINAL MUCUS AND MICROBICIDES	\$210,450
2011	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	\$33,418
2011	NORTHWESTERN UNIVERSITY	IL	R21AI094296	E1A ONCOPROTEIN INDUCED DEREGLATION OF REPLICATION ORIGIN FIRING	\$228,750
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI078881	Collaborative Integration of HCV Molecular Virology and Mathematical Modeling	\$353,913
2011	NORTHWESTERN UNIVERSITY	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$378,146
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045070	IN VITRO FOLDING AND ASSEMBLY OF CLASS I MHC MOLECULES	\$294,212
2011	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$3,025,528
2011	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	U01AI069512	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$1,127,203
2011	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$390,000
2011	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$326,663

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2011	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$377,438
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$384,689
2011	UNIVERSITY OF CHICAGO	IL	K08AI076596	PATHOPHYSIOLOGY OF STAPHYLOCOCCUS AUREAUS NECROTIZING PNEUMONIA AND SEVERE SEPSIS	\$125,739
2011	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI088609	EPIGENOME ASSOCIATION STUDY OF FOOD ALLERGY	\$109,148
2011	NORTHWESTERN UNIVERSITY	IL	F32AI080083	THE FUNCTION OF NGO2115 IN THE NEISSERIA GONORRHOEAE OXIDATIVE STRESS RESISTANCE	\$53,042
2011	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$2,108,067
2011	UNIVERSITY OF CHICAGO	IL	R01AI090901	Nedd4 in T Helper Cell Development and Autoimmunity	\$386,100
2011	NORTHWESTERN UNIVERSITY	IL	R21AI089712	PYOMELANIN AND LEGIONELLA PNEUMOPHILA INFECTION	\$188,719
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$2,173,812
2011	NORTHWESTERN UNIVERSITY	IL	F32AI094976	EPITHELIAL CELL APOPTOSIS IN INFLUENZA A-INDUCED LUNG INJURY	\$66,240
2011	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$129,384
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R33AI080528	Inflammatory response after combined insult of radiation and burn injury	\$364,409
2011	NORTHERN ILLINOIS UNIVERSITY	IL	R03AI079496	STUDY OF THE VEA GENE IN THE HUMAN PATHOGEN ASPERGILLUS FUMIGATUS	\$72,500
2011	ITERATIVE THERAPEUTICS	IL	R43AI096683	Rapid Response Vaccines for Botulinum Neurotoxins	\$300,000
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI074233	PROTEIN STRUCTURE/FUNCTION BY NMR, CRYSTALLOGRAPHY AND COMPUTATIONAL CHEMISTRY	\$357,326
2011	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$247,754
2011	NORTHWESTERN UNIVERSITY	IL	R01AI053674	Mechanistic Studies of Patatin-like Toxins	\$372,627
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI069554	TARGETING HIGH-RISK WOMEN FOR HVTN AND MICROBICIDE TRIALS	\$582,711
2011	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$362,847
2011	UNIVERSITY OF CHICAGO	IL	R01AI078267	TRANSCRIPTIONAL CONTROL OF HEMATOPOIESIS	\$382,239
2011	NORTHWESTERN UNIVERSITY	IL	R01AI080658	Alpha-herpevirus assembly egress and viral particle heterogeneity	\$301,950
2011	UNIVERSITY OF CHICAGO	IL	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$122,958

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2011	UNIVERSITY OF CHICAGO	IL	R01AI081987	Investigating the Catalytic Mechanism of the HDV Ribozyme	\$375,456
2011	NORTHWESTERN UNIVERSITY	IL	R21AI088299	IKAROS IN MAST VS. BASOPHIL LINEAGE CHOICE	\$188,719
2011	NORTHWESTERN UNIVERSITY	IL	R21AI091962	THE ROLE OF THE ARYL HYDROCARBON RECEPTOR IN INTESTINAL IMMUNITY	\$228,750
2011	UNIVERSITY OF CHICAGO	IL	R01AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$342,700
2011	UNIVERSITY OF CHICAGO	IL	R21AI094444	SYNETHIC PROTEIN AND PEPTIDE ASSEMBLIES AS NOVEL ADJUVANTS AND VACCINES	\$312,000
2011	IMMUVEN INC	IL	R43AI088786	SOLUBLE HIGH-AFFINITY T CELL RECEPTORS PREVENT MRSA LETHALITY	\$151,529
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093493	A novel anti-spore nasal vaccine for protection from anthrax	\$679,492
2011	UNIVERSITY OF CHICAGO	IL	F32AI093087	ORIGIN AND ADAPTATION OF INFLUENZA-SPECIFIC PLASMABLASTS	\$51,326
2011	UNIVERSITY OF CHICAGO	IL	R01AI087658	Mapping eQTLs that affect susceptibility to Tuberculosis	\$580,479
2011	UNIVERSITY OF CHICAGO	IL	R21AI094408	DENDRITIC CELL PRODUCED IL-33 IN TH2 RESPONSES	\$228,624
2011	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,609,415
2011	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$114,623
2011	UNIVERSITY OF CHICAGO	IL	R01AI067697	MECHANISMS OF RESOLUTION IN EXPERIMENTAL ASTHMA	\$368,968
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$356,949
2011	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$364,029
2011	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$383,834
2011	UNIVERSITY OF CHICAGO	IL	R01AI072627	FAS IN HOST DEFENSE AND AUTOIMMUNE DISEASES	\$368,968
2011	NORTHWESTERN UNIVERSITY	IL	U01AI069471	NORTHWESTERN UNIVERSITY CLINICAL TRIAL UNIT	\$2,446,296
2011	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$7,433,347
2011	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$368,968
2011	UNIVERSITY OF CHICAGO	IL	R01AI072630	MECHANISTIC STUDIES ON LISTERIA INFECTION AND INHIBITION OF ALLOGRAFT TOLERANCE	\$368,968
2011	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$674,873

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2011	UNIVERSITY OF CHICAGO	IL	R21AI090392	THE ROLE OF NEGATIVE SIGNAL IN EARLY INFECTION	\$231,660
2011	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R21AI092230	HSV encoded viral functions	\$229,754
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$603,560
2011	NORTHWESTERN UNIVERSITY	IL	R01AI093727	Role of the Plasminogen Activator Protease during Pneumonic Plague	\$381,250
2011	UNIVERSITY OF CHICAGO	IL	U19AI095230	Airway inflammation and HLA-G in asthma	\$2,024,941
2011	NORTHWESTERN UNIVERSITY	IL	R13AI095013	THE INTERNATIONAL WORKSHOP ON HIV DYNAMICS AND EVOLUTION	\$25,000
2011	UNIVERSITY OF CHICAGO	IL	R21AI094177	DIFFERENTIAL SIGNALING BY B CELL RECEPTOR IN TOLERANCE INDUCTION	\$195,000
2011	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI093258	The Cell Biology of TRIM5alpha	\$348,616
2011	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI022383	Conjugal Transfer of Bacteriodes Antibiotic Resistances	\$359,313
2011	NORTHWESTERN UNIVERSITY	IL	R56AI020201	THE STRUCTURE AND FUNCTION OF THE INFLUENZA VIRUS GENOME	\$369,133
2011	PURDUE UNIVERSITY	IN	K02AI068655	ROLE OF E3 UBIQUITIN LIGASE IN SALMONELLA-INDUCED INFLAMMATION	\$112,269
2011	PURDUE UNIVERSITY	IN	R01AI039639	PROTEIN STABILITY AND ANTIVIRAL ACTIVITY IN HUMAN RHINOVIRUS	\$219,939
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI027863	PATHOGENESIS OF HAEMOPHILUS DUCREYI INFECTIONS	\$375,239
2011	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$704,801
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$485,497
2011	PURDUE UNIVERSITY	IN	R01AI069344	MODULATION OF HOST APOPTOTIC PATHWAYS BY LEGIONELLA PNEUMOPHILA	\$284,877
2011	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$400,828
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059384	HUMAN IMMUNE RESPONSE TO HAEMOPHILUS DUCREYI INFECTION	\$355,548
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073290	MECHANISM OF ANTIBACTERIAL ACTIVITY OF PEPTIDOGLYCAN RECOGNITION PROTEINS	\$377,339
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI080759	LYMPHOPOIETIC DEVELOPMENT IN THE EXTRA-EMBRYONIC YOLK SAC	\$355,170
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI079125	DIAPAUSE IN CULEX MOSQUITOES	\$598,397
2011	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$617,703
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	\$1,532,871
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	\$343,035

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2011	PURDUE UNIVERSITY	IN	R21AI092043	THE ROLES OF HOST FACTORS IN THE AMPYLATION ACTIVITY OF A BACTERIAL EFFECTOR	\$187,594
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI092297	CONTROL OF INFLAMMATION BY REGULATORY T CELLS AND BCL6	\$192,500
2011	PURDUE UNIVERSITY	IN	R01AI065667	NON-REPLICATIVE VACCINE FOR HUMAN BRUCELLOSIS	\$293,922
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI071121	DETERMINANTS OF GROWTH AND FITNESS IN DRUG RESISTANT MALARIA PARASITES	\$359,500
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067416	NOVEL RNA STRUCTURES IN CORONAVIRUS REPLICATION	\$354,991
2011	PURDUE UNIVERSITY	IN	R01AI072035	STRUCTURAL BASIS OF BACTERIOPHAGE T7 ASSEMBLY AND DNA PACKAGING	\$359,990
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$75,881
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$464,838
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$458,162
2011	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	\$334,507
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$1,019,120
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI093271	STRESS RESPONSES IN THE AIDS OPPORTUNISTIC PARASITE TOXOPLASMA GONDII	\$54,734
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$171,113
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI094234	NEUTROPHIL EXTRACELLULAR TRAPS AND HAEMOPHILUS DUCREYI	\$77,500
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI096056	Mechanisms of Sap-mediated Antimicrobial Peptide Resistance	\$231,000
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$315,195
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$367,538
2011	PURDUE UNIVERSITY	IN	R01AI049978	HOST ACTIN CYTOSKELETON REARRANGEMENTS INDUCED BY SALMONELLA	\$347,347
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$371,250
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI072020	HPV IN ADOLESCENT WOMEN	\$350,097
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077688	THE BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	\$292,104
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$377,180
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$369,003
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$381,150

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2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$377,339
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081795	ANALYSIS OF THE FUNCTIONS OF AXON GUIDANCE GENES DURING VECTOR MOSQUITO DEVELOPME	\$375,379
2011	PURDUE UNIVERSITY	IN	K02AI085403	Modulation of Host Vesicle Trafficking by Legionella pneumophila	\$111,205
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI085531	MACHINE-LEARNING APPROACH TO LABEL-FREE DETECTION OF NEW BACTERIAL PATHOGENS	\$147,939
2011	TECHSHOT INC	IN	R43AI096572	ELECTRICAL SYSTEM FOR RAPID BACTERIAL CULTURES	\$114,830
2011	UNIVERSITY OF NOTRE DAME	IN	R21AI092484	COMPREHENSIVE IDENTIFICATION OF THE GENETIC REQUIREMENTS FOR ESX-1 SECRETION	\$225,000
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$369,988
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$374,906
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI074657	CHARACTERIZATION OF LIPOPROTEINS IN HAEMOPHILUS DUCREYI PATHOGENESIS	\$120,158
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$1,987,780
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077564	PROPHAGE CONTRIBUTION TO THE VIRULENCE OF STAPHYLOCOCCUS AUREUS	\$301,871
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090077	Host determinants of alphavirus replication	\$365,662
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090280	MOLECULAR BIOLOGY OF VIRAL CAPSIDS	\$338,102
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI069387	MODELING LYMPHATIC FILARIASIS TRANSMISSION AND ERADICATION IN PAPUA NEW GUINEA	\$216,333
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI085242	THE MECHANISM OF ACTIVATION OF THE RRP2-RPON-RPOS PATHWAY IN BORRELIA BURGDORFERI	\$216,412
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$381,150
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI090348	Maturation of Bacterial Cell Wall	\$375,000
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI090150	CONTROL OF AUTOIMMUNITY BY FOLLICULAR HELPER T CELLS AND BCL6	\$228,690
2011	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$328,152
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$381,150
2011	UNIVERSITY OF NOTRE DAME	IN	R21AI088335	AUTOGENY IN AEDES AEGYPTI	\$111,375
2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI091418	POLYAMINES AND PNEUMOCYSTIS	\$76,230

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2011	INDIANA UNIVERSITY, BLOOMINGTON	IN	R13AI094924	BIENNIAL SYMPOSIUM OF H. DUCREYI PATHOGENESIS AND CHANCROID	\$8,000
2011	UNIVERSITY OF NOTRE DAME	IN	R01AI089726	Class A Carbapenemases	\$362,738
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI093921	REGULATION OF CELL DEATH BY VIRULENT STRAINS OF FRANCISELLA TULARENSIS	\$226,500
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	T32AI070089	GRADUATE TRAINING PROGRAM IN MULTIDIMENSIONAL VACCINOGENESIS	\$106,608
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI087923	BACTERIAL EFFECTOR SUBVERSION OF HOST PROTEIN TRAFFICKING	\$74,250
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI051981	THE ROLE OF VPU IN HIV-1 PATHOGENESIS	\$353,344
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI077947	PRECLINICAL DEVELOPMENT OF DS-96, A NOVEL ALKYL POLYAMINE ENDOTOXIN SQUESTRANT	\$350,129
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI095842	The function(s) of serpin-2 in mosquito immunity and physiology	\$381,807
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI061691	NATURAL ANTIBODIES AND TISSUE INJURY	\$315,846
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI080734	HCV GENOTYPE 6: A MODEL FOR HCV GENETICS AND MOLECULAR EPIDEMIOLOGY STUDIES	\$371,250
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077725	SALICYLATE PRODUCTION IN SIDEROPHORE BIOSYNTHESIS	\$288,149
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI091586	THE ROLE OF LIPID RAFTS IN VPU FUNCTION	\$185,625
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R33AI082697	Biomechanical and Computational Molecular Design of Microbicide Delivery Systems	\$445,484
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	U01AI081891	DEVELOPMENT OF NOVEL THERAPEUTIC AGENTS FOR NOROVIRUS INFECTION	\$1,005,959
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI088051	SAND FLY ROLE IN TRANSMISSION OF CVL IN NORTH AMERICA	\$183,149
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$293,040
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$356,950
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI088070	DEFINITION OF HOST GENES REQUIRED FOR INTRACELLULAR PATHOGEN GROWTH	\$183,150
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI090085	CRYOEM ANALYSIS OF ANTHRAX TOXIN PORE COMPLEXES	\$220,000
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$282,675
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI085236	MOLECULAR CHARACTERIZATION OF THE BOCAVIRUSES	\$185,625

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2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI090062	Signaling pathways for tick salivary secretion	\$293,040
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI085416	ROLE OF DEFENSIN RECEPTOR SIGNALING IN IL-1BETA RELEASE	\$183,150
2011	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$357,737
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$360,187
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI093913	BACTERIAL EFFECTOR INHIBITION OF TYPE I INTERFERON	\$187,500
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI095236	Identification and characterization of inhibitors for hantavirus replication	\$386,250
2011	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	K02AI093675	Structure-function analyses of siderophore biosynthetic enzymes	\$106,920
2011	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI092516	THE INFLUENCE OF THE ZXDC PROTEIN ON MYELOPOIESIS	\$75,000
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI050656	Molecular Mechanisms Controlling NK Receptors	\$367,865
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$358,966
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI087849	Biosynthesis of nucleoside antibiotics targeting bacterial translocase I	\$318,385
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$368,775
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$325,310
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$358,962
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI092074	TRANSGENIC MOUSE MODELS OF HCV INFECTION AND REPLICATION	\$185,625
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067869	YOPM AND PROTECTIVE INNATE DEFENSES AGAINST PLAGUE	\$471,258
2011	VINDICO NANOTECHNOLOGY INC	KY	R43AI096605	A transfollicular nanovaccine against leishmaniasis	\$300,000
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$291,090
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI025098	PLAGUE BIOFILM FORMATION--REGULATION AND FUNCTION	\$297,693
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI088605	CHYLOMICRONS PROMOTE INTESTINAL ABSORPTION AND SYSTEMIC DISSEMINATION OF DIETARY	\$178,824
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI092170	NOVEL ACTIVITIES AND THE T. GONDII VACUOLAR MEMBRANE	\$74,250
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI071047	ADJUVANT FUNCTIONS OF DETOXIFIED LPS	\$361,552

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2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI091953	Viral and Cellular Determinants of HCV Assembly	\$371,250
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI091766	GENETIC ANALYSES OF SALMONELLA-HOST INTERACTIONS	\$298,500
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI076169	ANTIVIRAL LECTINS AS MICROBICIDES	\$383,289
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI088585	PLANT-PRODUCED ACTINOHIVIN AS A CANDIDATE HIV MICROBICIDE	\$206,514
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI091918	SYSTEMIC SPREAD OF LISTERIA MONOCYTOGENES AFTER ORAL INFECTION	\$366,565
2011	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI069321	MODULATION OF APOPTOSIS BY LEGIONELLA PNEUMOPHILA	\$355,748
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI091316	AUTUMN IMMUNOLOGY CONFERENCE	\$10,000
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI094949	XIITH INTERNATIONAL NIDOVIRUS SYMPOSIUM SUPPORT PROPOSAL	\$12,000
2011	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI096323	MECHANISM OF INHIBITION OF +RNA VIRUS REPLICATION BY CYCLOPHILINS	\$173,750
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	K22AI083373	MECHANISMS OF PROSTAGLANDIN E2 INDUCTION BY FRANCISELLA TULARENSIS	\$108,000
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,459,130
2011	MINIVAX INC	LA	R41AI097069	DEVELOPMENT OF A NOVEL PCP VACCINE FOR AIDS PATIENTS	\$298,713
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$323,576
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI080367	HIV ENV EPI TOPE ENGINEERING	\$372,488
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085140	REGULATORY T-CELLS AND CHRONIC COLITIS	\$181,294
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI091501	MONOCYTE/MACROPHAGES IN PEDIATRIC AIDS	\$245,025
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	F32AI096772	Synergy between TLR2 and IL-22R in airway epithelial cells during MRSA challenge	\$0
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI095859	NOVEL CELLULAR & GENETIC ANALYSES USING A NEW CHLAMYDIA PENETRANT PEPTIDE	\$213,000
2011	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI083563	Congenital Transmission of Lineages I and II of Trypanasoma cruzi	\$709,572
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085231	HELICOBACTER PYLORI ACQUISITION OF IRON FROM THE HOST	\$181,294
2011	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OSPC REGULATION AND PATHOGENIC STRATEGY OF BORRELIA BURGDORFERI	\$362,637
2011	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R44AI082778	PEPTIDE INHIBITORS OF INFLUENZA ENTRY-FAST TRACK	\$1,328,888

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2011	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI076067	PATHOGENESIS OF NATURAL SIV AND STLV INFECTIONS IN HUMANS	\$653,866
2011	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI081171	ROLE OF PLASMACYTOID DENDRITIC CELLS IN HUMAN METAPNEUMO VIRUS INFECTION	\$73,260
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$358,962
2011	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$362,637
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$312,000
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI089323	Genetic Requirements for the survival of Tubercle Bacilli in Nonhuman Primates	\$567,851
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI087302	MONOCYTE/MACROPHAGES IN THE PATHOGENESIS OF AIDS IN MACAQUES	\$245,025
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI091457	ROLE OF MIRNA IN LUNG DAMAGE DURING TB AND TB/AIDS CO-INFECTION	\$204,188
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI093307	IDENTIFICATION AND ERADICATION OF HIV TISSUE RESERVOIRS IN A RELEVANT ANIMAL MODE	\$830,244
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI090059	Regulation and Function of IL33 During Neonatal RSV Infection	\$352,519
2011	XAVIER UNIVERSITY OF LOUISIANA	LA	SC1AI081660	ALLOSTERIC BINDING IN ANTIBODIES AND PROTEIN ANTIGENS	\$205,330
2011	CHILDREN'S HOSPITAL	LA	R01AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$469,048
2011	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI082119	PRECLINICAL DEVELOPMENT OF RECOMBINANT ANTIGEN DIAGNOSTICS FOR LASSA FEVER	\$1,335,377
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085172	CHARACTERIZATION AND USE OF A NOVEL AT-HOOK PROTEIN IN LEISHMANIA	\$175,725
2011	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$358,962
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$816,065
2011	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI097024	ROLE OF THE LIVER IN MICROBIAL TRANSLOCATION AND AIDS PATHOGENESIS	\$253,500
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067472	MEMORY T CELLS IN EAE	\$387,391
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073109	INCIDENCE AND PREDICTORS OF MYOCARDIAL INFARCTION AMONG HIV-INFECTED PATIENTS	\$137,958
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI077795	CD1D-RESTRICTED NKT CELLS IN MICROBIAL INFECTION	\$136,350
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI048833	CLASS II MHC ANTIGEN PROCESSING IN DENDRITIC CELLS	\$398,166

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2011	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$86,264
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$619,744
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI051559	ROLE OF NEGATIVE T CELL COSTIMULATORY PATHWAYS IN ALLOGRAFT REJECTION AND TOLERANCE	\$381,076
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007498	PH.D. PROGRAM IN IMMUNOBIOLOGY	\$265,969
2011	GLSYNTHESIS, INC	MA	R44AI051103	PRECLINICAL DEVELOPMENT OF A NOVEL ANTIBACTERIAL FOR CLOSTRIDIUM DIFFICILE DISEASES	\$935,484
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050892	SEQUENTIAL CONTROL OF NEUTROPHIL RECRUITMENT BY LTB4 AND OTHER CHEMOATTRACTANTS	\$433,694
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI053669	TEMPORAL REQUIREMENTS FOR INTRACELLULAR PATHOGENESIS	\$391,440
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI069472	PARTNERS HEALTHCARE SYSTEMS/HARVARD MEDICAL SCHOOL/BOSTON MEDICAL CENTER AIDS CTU	\$3,249,397
2011	BOSTON UNIVERSITY	MA	R01AI048082	Glycobiology of Giardia	\$408,334
2011	BETH ISRAEL HOSPITAL	MA	U01AI069412	HARVARD MEDICAL SCHOOL VACCINE CLINICAL TRIALS UNIT	\$933,228
2011	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$404,663
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072252	DIFFERENTIATION AND REGULATION OF CTL	\$407,427
2011	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	\$2,658,094
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$1,971,965
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059746	SYNOVIAL MAST CELLS IN INFLAMMATORY ARTHRITIS	\$421,988
2011	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$408,375
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$710,453
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$403,066
2011	BETH ISRAEL HOSPITAL	MA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$1,459,884
2011	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$401,668
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$59,829
2011	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$202,690
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$425,118
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI077473	GENOTYPIC AND PHENOTYPIC CHARACTERIZATION OF HETEROSEXUALLY TRANSMITTED HIV-1	\$342,636
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Molecular signaling in Shigella dissemination	\$437,360

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2011	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$4,393,969
2011	BIOHELIX CORPORATION	MA	U01AI082522	LOW COMPLEXITY, INSTRUMENT-FREE FOR CT/NG	\$753,609
2011	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$6,050,390
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI085399	DIAGNOSTIC SPECT & PET FUNGAL INFECTION IMAGING USING FUNGAL SPECIFIC RRNA PROBES	\$203,403
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$362,760
2011	IQUUM INC	MA	R44AI085892	AUTOMATED MOLECULAR DIAGNOSTICS FOR RAPID DETECTION OF DENGUE VIREMIA USING WHOLE	\$942,026
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$137,093
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084756	REGULATORY COSTIMULATORY PATHWAYS & FETOMATERNAL TOLERANCE	\$382,607
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI088590	ANALYSIS OF FOOD SPECIFIC T CELLS BY A NOVEL MICROENGRAVING TECHNOLOGY	\$193,037
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI093538	The Genetics and Genomics of Allergic Rhinitis	\$137,160
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI087107	ANTIBODY-BASED CELL PURIFICATION AT RESOURCE LIMITED SETTING FOR HIV	\$220,533
2011	DANA-FARBER CANCER INSTITUTE	MA	R21AI092378	PLEXIND1-REGULATED INTRATHYMIC MOVEMENT	\$287,125
2011	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$482,625
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$519,750
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI085911	THE REGULATORY FUNCTION OF DNA METHYLATION IN MYCOBACTERIUM TUBERCULOSIS	\$53,042
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R03AI094401	URBAN MALARIA MAPPING: A NEW METHODOLOGY TO ASSESS SPATIO-TEMPORAL TRENDS	\$92,625
2011	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI085612	HIGH THROUGHPUT ANTIBIOTIC DISCOVERY FROM THE UNCULTIVATED MICROBIAL MAJORITY.	\$299,867
2011	RXI PHARMACEUTICALS CORPORATION	MA	R43AI091045	ORALLY ADMINISTERED ANTI-TNFBALPHA RNAI THERAPEUTIC FOR AUTOIMMUNE DISORDERS	\$298,544
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090698	PROTECTIVE ROLE OF SUBDOMINANT RESPONSES TO HIV RESTRICTED BY COMMON HLA ALLELES	\$436,831
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI096134	DISSECTING THE ROLES OF SUPERCHAPERONES IN TYPE III SECRETION	\$221,250

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI095635	POU6F1 TRANSCRIPTIONAL CONTROL OF MEMORY CD8+ T CELLS	\$244,437
2011	UNIVERSITY OF MASSACHUSETTS	MA	R13AI094942	TOLL2011 MEETING, DECODING INNATE IMMUNITY	\$12,000
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084880	In vivo behavior of monocytes in resting and inflammatory conditions	\$434,671
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI092105	Evaluation of the role of MDA5 in virus-mediated type I diabetes	\$411,250
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI097128	Vaccination to generate protective tissue resident T cells	\$1,124,040
2011	BETH ISRAEL HOSPITAL	MA	R01AI051645	AIRWAYS EOSINOPHILS AS ANTIGEN-PRESENTING CELLS IN ASTHMA	\$416,543
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI019838	Molecular Genetics of HSV DNA Polymerase Gene	\$507,375
2011	DANA-FARBER CANCER INSTITUTE	MA	P01AI048240	Vaccination against mucosal HIV clade C transmission	\$2,543,677
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	\$517,500
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$411,033
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$484,226
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$413,829
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$478,675
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI051164	METHODS TO ADVANCE THE HIV PREVENTION RESEARCH AGENDA	\$403,668
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043496	Immune Regulation of Neural Stem Cell Program in EAE	\$393,035
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$403,066
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI072033	GENETIC DIVERSITY OF PLASMODIUM FALCIPARUM AND SEVERE MALARIA IN AFRICA	\$135,540
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$730,005
2011	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$416,543
2011	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$785,868
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI072143	ROLE OF LIPID MEDIATORS IN HOST RESISTANCE TO MYCOBACTERIUM TUBERCULOSIS	\$434,158
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$174,530
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$3,039,178
2011	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$859,564

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,665,657
2011	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$566,362
2011	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$418,926
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI077801	VITAMIN D DEFICIENCY AND THE SEVERITY OF BRONCHIOLITIS	\$132,300
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI079198	THE ROLE OF THE PHAGOSOME IN INNATE IMMUNE SENSING	\$398,124
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	\$514,553
2011	TUFTS UNIVERSITY	MA	R21AI090419	UNDERSTANDING GENETIC BASIS FOR RESISTANCE TO TNF-INDUCED LETHAL SHOCK USING NEW	\$245,025
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084579	INFANT MALE CIRCUMCISION IN BOTSWANA: FEASIBILITY, SAFETY AND ACCEPTABILITY	\$136,957
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T-CELLS	\$403,066
2011	TUFTS UNIVERSITY	MA	F32AI085706	SPATIAL CONTROL OF HOST CELL SIGNALING BY A BACTERIAL PATHOGEN	\$51,326
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$343,035
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$132,300
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI079085	Molecular T. vaginalis-host interactions in relevance to inflammatory sequelae	\$750,131
2011	BIOHELIX CORPORATION	MA	R44AI077418	LOW COST MOLECULAR ASSAY FOR HIV	\$858,212
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$464,721
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI087498	MECHANISMS OF LENTIVIRAL RESISTANCE TO TETHERIN	\$257,648
2011	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	P01AI083214	Harvard-wide Program on Antibiotic Resistance	\$2,166,794
2011	IMMUNE DISEASE INSTITUTE INC	MA	R21AI087431	ROLE OF HOST MIRNAS IN PERSISTENT HIV MACROPHAGE INFECTION	\$259,875
2011	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$819,724
2011	DANA-FARBER CANCER INSTITUTE	MA	R21AI088521	MODULATION OF TUMOR SUSCEPTIBILITY TO NK CELLS INDUCED BY JAK FAMILY GENES	\$262,500
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	\$912,992
2011	TUFTS UNIVERSITY	MA	R21AI085250	HOST PROTEIN MODULATION OF TYPE III SECRETION	\$206,250
2011	GLYCOSYN INC	MA	R44AI079854	OLIGOSACCHARIDES TO PREVENT INFECTIOUS DIARRHEA	\$432,394

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R33AI080565	IMMUNOLOGICAL COMPLICATIONS OF RADIATION COMBINED INJURY	\$595,390
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI089915	Knowledge-based Vaccines Built on Paradigm Changes in Antigen Presentation	\$428,019
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI089698	A METHOD FOR THE DESIGN OF LOW-COST PAPER-BASED POINT-OF-CARE DIAGNOSTIC DEVICES	\$48,398
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$2,874,928
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081846	Regulation of chronic viral infection by co-inhibitory pathways	\$134,927
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI080948	INNATE SIGNALING, CYSTEINYL LEUKOTRIENES, AND ASTHMA ELICITED BY HOUSE DUST MITE	\$136,485
2011	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$430,650
2011	BRANDEIS UNIVERSITY	MA	R01AI090745	Rational and Combinatorial Design of Immunogens to Elicit 2G12-like Antibodies	\$351,945
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI092009	EHEC-INDUCED ACTIN REARRANGEMENT AND STX2 TRANSLOCATION ACROSS EPITHELIUM	\$205,625
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084884	Mechanisms of anti-fungal immunity mediated by SCARF1 and CD36	\$416,331
2011	Charles Stark Draper Laboratory, Inc.	MA	R21AI085454	ANALYSIS OF EXHALED VOLATILES FOR THE DIAGNOSIS	\$241,598
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K99AI093679	THE MECHANISMS OF IFITM-MEDIATED RESTRICTION	\$90,000
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI095092	Intrinsic Immunity and AIDS	\$824,205
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089700	Cross-talk between iron metabolism and intestinal inflammation	\$436,391
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091786	The Role of IFITM3 in the Anti-viral Host Response	\$437,916
2011	MICROBIOTIX, INC	MA	R41AI096702	A NOVEL BIS-INDOLE COMPOUND AGAINST CATHETER COLONIZATION	\$299,999
2011	WHALEN BIOMEDICAL, INC	MA	R43AI091160	A POINT-OF-CARE DEVICE FOR GENERATING NITRIC OXIDE FOR INHALATION	\$152,430
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI089350	Novel Strategy for HIV Drug Resistance Monitoring in Developing Countries.	\$308,014
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$588,111
2011	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI033456	ASSEMBLY OF MHC CLASS I MOLECULES IN VITRO AND IN VIVO	\$807,165
2011	BETH ISRAEL HOSPITAL	MA	R01AI049954	GENE TRANSCRIPTION IN SLE	\$416,543
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081734	MECHANISMS OF ACCEPTANCE IN MOUSE RENAL ALLOGRAFTS	\$438,075
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$414,092

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2011	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$404,291
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$421,665
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$458,669
2011	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$1,258,635
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$403,066
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$531,868
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$385,197
2011	TUFTS MEDICAL CENTER	MA	K23AI074423	EMERGENCE OF HIV DRUG RESISTANCE: LOW-FREQUENCY MUTATIONS AND ASSOCIATED FACTORS	\$123,390
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$381,907
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$620,503
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P30AI042845	UMASS CENTER FOR AIDS RESEARCH (CFAR)	\$1,310,372
2011	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$836,943
2011	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$530,652
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$348,837
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$460,358
2011	BETH ISRAEL HOSPITAL	MA	K23AI074638	DEVELOPMENT AND EVALUATION OF A NOVEL DIAGNOSTIC TEST FOR ACTIVE TUBERCULOSIS	\$126,630
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U24AI082660	GENERATION OF A COMPREHENSIVE PANEL OF REAGENTS FOR RESEARCH ON SCAVENGER RECEPTO	\$598,640
2011	NORTHEASTERN UNIVERSITY	MA	R01AI076372	A SYNERGY-BASED THERAPY AGAINST C. DIFFICILE	\$529,393
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084106	IMMUNE RESPONSES AGAINST HIV-INDUCED CELL-DERIVED NEOEPITOPES AND HIV CONTROL	\$513,192
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$404,612
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083503	IMMUNODEFICIENCY CAUSED BY MUTATIONS IN LRRC8	\$424,710
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI076534	CD4 EFFECTOR CONTRACTION IN INFLUENZA	\$407,138
2011	BETH ISRAEL HOSPITAL	MA	R01AI075129	STORE OPERATED CALCIUM INFLUX IN CELLS OF THE IMMUNE SYSTEM	\$425,000
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI081483	ENTEROHEMORRHAGIC ESCHERICHIA COLI VIRULENCE REGULATION BY NON-CODING RNAS	\$53,042

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2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$433,694
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI095352	Innate and acquired immune responses to novel pneumococcal T cell antigens	\$133,515
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$403,066
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$136,680
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087874	MOLECULAR ANALYSIS OF A KINASE ESSENTIAL FOR REPLICATION OF PLASMODIUM FALCIPARUM	\$132,300
2011	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$762,971
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$840,101
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$136,350
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI087191	PRODUCTION OF NEUTRALIZING MABS FROM HIV VACCINEES	\$223,926
2011	PULMATRIX INC	MA	U01AI082115	INHALED AEROSOLS FOR PREVENTION AND TREATMENT OF RESPIRATORY INFECTIONS	\$365,861
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI088124	COMPREHENSIVE DETERMINATION OF TRANSCRIPTION FACTOR LOCATION IN FRANCISELLA	\$214,293
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI084442	MOLECULAR REGULATION OF BIOLOGICAL STRESS RESPONSE	\$53,042
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088502	REGULATION OF NECROTIC CELL DEATH BY PROTEIN KINASE A AND CYLINDROMATOSIS	\$244,283
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI087493	MUTATIONAL PATHWAYS IN EARLY HIV INFECTION: NOVEL GUIDE TO IMMUNOLOGIC ANALYSES	\$199,856
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI086134	Thymic Rejuvenation for the Induction of Transplantation Tolerance	\$418,418
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI083459	Using natural antibodies to improve vaccines	\$200,308
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	\$1,117,743
2011	TUFTS UNIVERSITY	MA	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$690,177
2011	IQUUM INC	MA	R44AI081387	AUTOMATED NEAR-PATIENT MOLECULAR DIAGNOSTICS AND DISCRIMINATION OF SEASONAL INFL	\$848,585
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$776,165

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2011	TUFTS UNIVERSITY	MA	R01AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$408,390
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI088060	SINGLE NUCLEOTIDE RESOLUTION OF THE PSEUDOMONAS AERUGINOSA TRANSCRIPTOME	\$172,176
2011	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$186,600
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI089972	Peripheral B Cell Receptor Editing	\$137,080
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI081843	Significance of Bacteroides fragilis polysaccharide phase variation	\$385,085
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI089334	HIV-1 R5 envelope determinants and properties that affect transmission	\$416,473
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI091476	Therapeutic use of an enhanced form of CD4-Ig	\$849,236
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI088510	MURINE MODEL OF JOB'S SYNDROME	\$246,499
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077558	Cytoadherence and sequestration in malaria transmission stages	\$404,663
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI092084	Functional Role of the Tetraspanin CD82/Kai1 in Innate and Adaptive Immunity	\$441,345
2011	MEDICAL DISCOVERY PARTNERS LLC	MA	R43AI092886	IDENTIFICATION OF SEROLOGIC BIOMARKERS IN SARCOIDOSIS	\$301,893
2011	NEW ENGLAND BIOLABS	MA	R41AI092969	ISOLATION OF FUNCTIONAL IGGS IN THE CYTOPLASM OF A NOVEL E. COLI EXPRESSION HOST	\$213,422
2011	BETH ISRAEL HOSPITAL	MA	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$30,178
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI093269	Novel Methods to Inform HIV/TB Clinical Trial Development	\$670,451
2011	DANA-FARBER CANCER INSTITUTE	MA	R03AI089352	A HUMANIZED MOUSE MODEL LACKING A-GAL EPITOPES AND PRODUCING ANTI-GAL ANTIBODIES	\$77,488
2011	BETH ISRAEL HOSPITAL	MA	P01AI095985	CONSORTIUM FOR AIDS VACCINE RESEARCH IN NONHUMAN PRIMATES	\$7,013,564
2011	ORGANIX, INC	MA	R03AI088542	NOVEL 2'- AND 3'- BRANCHED CARBOCYCLIC NUCLEOSIDES WILL BE SYNTHESIZED AND EVALUA	\$103,455
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$763,355
2011	BETH ISRAEL HOSPITAL	MA	R56AI092272	HEMEOXYGENASE-1 AND TRANSPLANT TOLERANCE	\$304,500
2011	BETH ISRAEL HOSPITAL	MA	R56AI091514	MECHANISMS OF SIV PERSISTENCE	\$849,076
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI095078	THE INNATE IMMUNE SIGNALS ON B CELLS THAT INDUCE ADCC ANTIBODIES	\$442,500
2011	IMMUNE DISEASE INSTITUTE INC	MA	R56AI095686	STRUCTURAL VACCINOLOGY OF THE MALARIA SPOROZOITE SURFACE SHEATH	\$525,000

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI035786	THE EPIDEMIOLOGY OF HOME ALLERGENS AND ASTHMA	\$485,509
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI041707	SKIN HOMING T CELLS -- MOLECULAR CHARACTERIZATION OF CLA	\$420,479
2011	BETH ISRAEL HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$129,476
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$382,606
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039759	ASTHMA, AIRWAY INFLAMMATION AND BETA CHEMOKINE RECEPTORS	\$422,259
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	INNATE CYTOKINE RESPONSES THAT REGULATE AUTOIMMUNITY	\$357,087
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$342,210
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050429	CD8+ T CELL FUNCTION IN HIV-1 INFECTION	\$378,583
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI052455	GROUP B. STREPTOCOCCI AND TOLL-LIKE RECEPTORS	\$427,810
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$640,359
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI053330	Human Decidual Leukocytes and Their Placental Ligands	\$501,110
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069403	HARVARD TANZANIA HIV/AIDS CLINICAL TRIALS UNIT	\$603,649
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$755,104
2011	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$596,258
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$473,347
2011	TUFTS MEDICAL CENTER	MA	T32AI007389	HIV PATHOGENESIS TRAINING PROGRAM	\$254,890
2011	BOSTON UNIVERSITY	MA	U01AI075386	SHIGA-TOXINS: PRE-CLINICAL ANIMAL MODEL DEVELOPMENT AND THERAPEUTIC TESTING	\$653,422
2011	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$198,746
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOMICS AND VIBRIO CHOLERAEE VACCINE DEVELOPMENT	\$1,144,934
2011	BIOHELIX CORPORATION	MA	R44AI066487	HERPES VIRUS TYPING ASSAY FOR DETECTING GENITAL HERPES	\$92,400
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081545	Analysis of properties of HIV-1 subtype C envelope glycoprotein	\$137,648
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$417,282
2011	DANA-FARBER CANCER INSTITUTE	MA	K01AI073861	STUDIES ON THE EPIDEMIOLOGY OF H5N1 INFLUENZA EVOLUTION	\$93,067

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2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$848,366
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI080099	DEFINING THE MECHANISM OF ACTION OF SANGLIFEHRIN A	\$51,326
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$2,393,299
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070926	VIRULENCE MECHANISMS OF GROUP A STREPTOCOCCAL TOXINS	\$382,240
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI078073	MULTI-GENE SUBUNIT VACCINE PLATFORM AGAINST Y. PESTIS	\$411,207
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070820	THE ROLE OF TIM-1: TIM-4 PATHWAY IN ALLOGRAFT REJECTION AND TOLERANCE	\$404,539
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI081675	VIRUS INDUCED IMMUNOPATHOLOGY	\$403,066
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI084785	STRUCTURAL APPROACHES TO HIV-1 IMMUNOGEN DESIGN FOR BNAB GENERATION	\$586,878
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI089052	Mechanism of Class III viral fusion proteins.	\$48,398
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI076471	HTS FOR ENHANCERS OF NEUTROPHIL FUNCTION THAT SPECIFICALLY AUGMENT PIP3 SIGNAL	\$380,770
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI075037	STUDIES OF FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$424,710
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$136,465
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$498,340
2011	FRAUNHOFER USA INC	MA	R01AI090815	Bacterial Drug Susceptibility Identification by Surface Enhanced Raman Microscopy	\$832,506
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI084490	FUNCTIONAL CHARACTERIZATION OF HSV-1 DNA POLYMERASE PREN-AND N -TERMINAL DOMAINS	\$29,047
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI074957	REGULATORY TARGETS OF P38 MAP KINASE IN INFLAMMATION	\$380,409
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI088314	GENETIC VALIDATION OF ESSENTIAL ASEXUAL STAGE GENES IN PLASMODIUM FALCIPARUM	\$202,331
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI090735	NATURAL KILLER CELLS AND CONTROL OF SIV INFECTION	\$733,601
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$676,708
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI095318	Role of Gender-associated Microbiota in Organ-specific Autoimmunity	\$136,360
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI090102	COMMENSAL BACTEROIDES SIGNAL THROUGH SPHINGOLIPID RAFTS DURING INTESTINAL STRESS	\$255,413

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2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI076505	MUTATIONS IN THE SIAE GENE AND SUSCEPTIBILITY TO AUTOIMMUNE DISEASES	\$438,075
2011	ARIETIS CORPORATION	MA	R44AI074258	THERAPY AGAINST RECALCITRANT C. ALBICANS INFECTION	\$999,998
2011	TUFTS MEDICAL CENTER	MA	R01AI083459	Using natural antibodies to improve vaccines	\$273,809
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	\$533,655
2011	TUFTS MEDICAL CENTER	MA	R21AI090451	ANTIGEN PROCESSING OF PNEUMOCOCCAL CONJUGATE VACCINES	\$256,515
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI085366	NUCLEAR DNA REPLICATION INITIATION MACHINERY IN TRYPANOSOMES	\$191,247
2011	BOSTON MEDICAL CENTER	MA	R21AI081687	RECOMBINATION-QUIESCENT GENES & PHYLOGENIC VALIDATION OF ENCODED VACCINE TARGETS	\$209,138
2011	BOSTON MEDICAL CENTER	MA	R21AI090238	PODOCYTE-SPECIFIC HUMAN PLA2R TRANSGENIC MOUSE MODEL OF MEMBRANOUS NEPHROPATHY	\$209,138
2011	DANA-FARBER CANCER INSTITUTE	MA	R21AI087458	SMALL MOLECULE INHIBITORS OF HIV-1 VIF	\$241,313
2011	RADIKAL THERAPEUTICS INC	MA	R43AI092832	REPOLARIZATION OF ACTIVATED TH1 CELLS: A NOVEL MEANS TO TREAT IBD	\$263,034
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081807	Inducible Regulatory B cells IBREG	\$382,792
2011	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI072895	ISOLATING NOVEL FUNGI FOR ANTIBIOTIC DISCOVERY	\$999,832
2011	DANA-FARBER CANCER INSTITUTE	MA	R21AI091557	STUDY OF BROADLY NEUTRALIZING ANTIBODY GENERATION TO HIV GP140 IN HUMANIZED MICE	\$159,125
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089779	Boosting Flu Vaccination without Adjuvant Injection	\$526,515
2011	UNIVERSITY OF MASSACHUSETTS	MA	R03AI092528	AP ENDONUCLEASE 2 IN HEMATOPOIETIC STEM CELL MAINTENANCE	\$82,250
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089339	A MICROENGRAVING TECHNOLOGY FOR THE STUDY OF LATENTLY HIV-INFECTED PRIMARY CELLS	\$402,920
2011	BRANDEIS UNIVERSITY	MA	R01AI093459	IMPDH-targeted antibiotics for select agents	\$1,114,349
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI091930	Ischemia-reperfusion injury in transplantation: novel cytoprotection strategies	\$409,409
2011	FIRST LIGHT BIOSCIENCES INC	MA	R44AI080016	RAPID SENSITIVE LOW-COST TEST FOR RESISTANT MICROBES CAUSING HOSPITAL INFECTIONS	\$982,928
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI096054	NEW ELEMENTS OF THE TARGET OF RAPAMYCIN PATHWAY IN CANDIDA ALBICANS	\$260,000
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083505	ITK: an emerging target for treatment of T cell-mediated autoimmune disease	\$567,525

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2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI088204	The molecular mechanism of Aire: partnering with DNA-PK	\$423,750
2011	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$1,044,958
2011	TUFTS UNIVERSITY	MA	R01AI093467	A platform for therapeutic agents that promote rapid recovery from botulism	\$860,362
2011	BOSTON MEDICAL CENTER	MA	R56AI097117	TRANSCRIPTIONAL MECHANISMS THAT CONTRIBUTE TO HIV-1 LATENCY	\$432,646
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI095219	Pathophysiologic and Therapeutic Mechanisms in Aspirin Exacerbated Respiratory Disease	\$1,782,897
2011	MICROBIOTIX, INC	MA	R44AI068185	TYPE III SECRETION INHIBITORS FOR ANTI-INFECTIVE THERAPY	\$1,000,000
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI092905	Injury-Specific Activation of the Immune System	\$414,496
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI095740	MECHANISMS OF HAEMOPHILUS INFLUENZAE PATHOGENESIS IN THE LUNG	\$424,000
2011	TUFTS UNIVERSITY	MA	R56AI023538	MOLECULAR BASIS OF YERSINIA/HOST CELL INTERACTION	\$430,866
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI057851	MECHANISMS OF B CELL-DEPENDENT TRANSPLANTATION TOLERANCE	\$354,000
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072004	RHESUS MONKEY RHADINOVIRUS GLYCOPROTEINS, ENTRY, AND NEUTRALIZATION	\$382,607
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI050207	HUMAN NATURAL KILLER CELLS: FORMATION AND STRUCTURE OF ACTIVATING SYNAPSES	\$403,822
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI049268	GLYCOPROTEIN INTERACTIONS IN PARAMYXOVIRUS FUSION	\$390,601
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI076625	A NOVEL MUTATION IN HUMAN IKBALPHA IDENTIFIES A DOMAIN ESSENTIAL FOR FUNCTION	\$132,300
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$410,850
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$163,074
2011	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$611,002
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE	\$670,127
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$483,548
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$423,324
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI033062	IKAROS REGULATION: STUDY ON HEMOLYMPHOPOIESIS	\$383,799
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R37AI015706	SEQUENCE DETERMINANTS OF PROTEIN STRUCTURE AND STABILITY	\$476,030

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2011	BETH ISRAEL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$452,248
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$685,244
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$419,513
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$3,041,398
2011	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$1,808,769
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$253,044
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$429,969
2011	DANA-FARBER CANCER INSTITUTE	MA	U01AI074518	HUMAN MAB COCKTAILS TO PREVENT & TREAT H5N1 AVIAN INFLUENZA	\$1,430,391
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$415,632
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI074503	DEVELOPMENT OF NOVEL IMMUNOTHERAPY FOR INFLUENZA VIRUS INFECTION	\$929,766
2011	BOSTON COLLEGE	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$890,257
2011	BOSTON UNIVERSITY	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$1,436,019
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$352,083
2011	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$155,350
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$452,500
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	\$136,375
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI070940	MECHANISMS OF VACCINIA VIRUS INNATE IMMUNE INHIBITION	\$390,601
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI071306	MECHANISMS OF PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV VACCINES	\$3,233,225
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI083516	MECHANISMS OF PULMONARY MAST CELL RECRUITMENT AND MATURATION	\$398,656
2011	FENWAY COMMUNITY HEALTH CENTER	MA	U01AI069480	CLINICAL TRIAL UNIT FOR HIV PREVENTION AND MICROBICIDE RESEARCH	\$1,436,437
2011	NORTHEASTERN UNIVERSITY	MA	R01AI085585	SUPER-PERSISTENT CELLS AND THE PARADOX OF UNTREATABLE INFECTIONS	\$1,072,430
2011	MICROBIOTIX, INC	MA	U01AI082052	DEVELOPMENT OF A NOVEL LEAD SERIES AGAINST CATEGORY A & B BACTERIAL PATHOGENS	\$1,334,916
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$639,196
2011	BOSTON UNIVERSITY	MA	R03AI090404	GENERATION OF IL-33 DEFICIENT MICE	\$80,438
2011	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$999,586

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2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$424,506
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI084102	STAPLED ANTIGENS FOR HIV-1 VACCINATION	\$428,794
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI083036	AN HIV PREVENTION PROGRAM FOR MOCHUDI, BOTSWANA	\$796,923
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$413,916
2011	BETH ISRAEL HOSPITAL	MA	R21AI082264	TYPE IV SECRETION SYSTEM THERAPEUTICS	\$258,390
2011	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$537,683
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$511,443
2011	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$125,225
2011	BETH ISRAEL HOSPITAL	MA	K08AI083079	INDUCTION OF MUCOSAL CELLULAR IMMUNITY BY HIV-1 VACCINE VECTORS	\$126,630
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078957	CHEMICAL BIOLOGICAL AND GENOMIC APPROACHES TO BACTERIAL VIRULENCE REGULATION	\$433,694
2011	IMMUNE DISEASE INSTITUTE INC	MA	R03AI090428	BIOINFORMATIC STRATEGY TO IDENTIFY CALCINEURIN INTERACTORS IN THE HUMAN PROTEOME	\$103,950
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090867	INDUCING NEUTRALIZING ANTIBODIES TO HIV BY INHIBITING SIAE	\$671,523
2011	BETH ISRAEL HOSPITAL	MA	K23AI085181	Dermatotropic cellular immune responses induced by a novel smallpox vaccine	\$128,931
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI084546	GUT MUCOSAL IMMUNITY TO HIV-1 IN CONTROLLED AND PROGRESSIVE INFECTION	\$126,752
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088578	C-MYC DNA BREAKS AND C-MYC-IGH LOCUS TRANSLOCATIONS: ROLES OF AID AND OXIDATION	\$244,283
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI087475	T-BET AND THE TH1/TH17 BALANCE IN ACUTE HIV INFECTION	\$239,828
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI095871	ROLE OF PSTPIP1 IN A MOUSE MODEL OF PAPA SYNDROME	\$246,750
2011	IMMUNETICS, INC	MA	R43AI091291	RAPID POINT OF-CARE TEST FOR LYME SERODIAGNOSIS BASED ON NOVEL ULTRA-SENSITIVE DE	\$300,000
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI090366	A FUNCTIONAL GENOMIC SCREEN TO IDENTIFY HOST CELL REGULATORS OF TRYPANOSOMA CRUZI	\$202,331
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI092317	A STUDY OF HETEROLOGOUS IMMUNITY INDUCED BY NEONATAL BCG VACCINATION	\$246,750
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$426,814

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2011	IMMUNETICS, INC	MA	R44AI080021	CONFIRMATORY IMMUNOBLOT TEST FOR CHAGAS' DISEASE	\$741,817
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI094235	TOLERANCE INDUCTION TO VASCULARIZED SKIN ALLOGRAFTS	\$83,524
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068634	Statistical and Data Management Center (SDMC), AIDS Clinical Trials Group (ACTG)	\$14,389,121
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI087881	Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing	\$1,327,638
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI090121	INVESTIGATING COMPLEX GLYCANS ON BIOLOGICAL SURFACES	\$193,980
2011	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI089618	Structure-function analysis of infection- and vaccine-induced B-cell repertoires	\$2,202,898
2011	INTELLIGENT BIO-SYSTEMS INC	MA	R44AI074232	NOVEL DIAGNOSTIC SEQUENCING SYSTEM FOR HIV RESISTANCE TESTING	\$994,055
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI067073	Pathogenesis of Clade C HIV Infection	\$641,177
2011	TUFTS MEDICAL CENTER	MA	R21AI096087	MECHANISM OF ANTHRAX LETHAL FACTOR TOXICITY	\$238,500
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI093256	Single-particle Reconstruction of HIV-1 Envelope Glycoprotein Trimers	\$437,500
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI093723	Effects of vitamin D and omega-3 fatty acids on infectious diseases and hCAP18	\$817,259
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI093302	IMMUNOSTIMULATORY PROPERTIES OF CHITIN AND CHITOSAN	\$246,750
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI091429	Randomized Trial of High-Dose Rifampin in Patients with New Smear-Positive TB	\$3,109,945
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI093588	MECHANISMS OF INNATE IMMUNE REGULATION FOR MUCOSAL HOMEOSTASIS	\$362,389
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI095499	Chemical Tools for the Study of Dengue Virus Entry	\$392,495
2011	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI093738	NOVEL DOMINANT-NEGATIVE HSV-2 RECOMBINANT VIRAL VACCINES	\$508,079
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R56AI057552	INTERNATIONAL HERPES VACCINE PROJECT	\$70,417
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI094524	CHARACTERIZATION OF B CELLS INFILTRATING HUMAN KIDNEY GRAFTS DURING REJECTION	\$331,875
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI060025	ACTIVATION OF INSECT IMMUNITY BY GRAM-NEGATIVE BACTERIA	\$248,000
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066013	MECHANISMS OF IMMUNITY TO PNEUMOCOCCAL COLONIZATION	\$406,225
2011	BOSTON UNIVERSITY	MA	R01AI073149	CO-FACTORS IN HIV MUCOSAL INFECTION	\$536,778
2011	BOSTON UNIVERSITY	MA	R01AI048611	THE GONOCOCCAL FUR REGULON: LINK TO PATHOGENESIS	\$365,703
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI051378	EXTRATHYMIC T CELL PRECURSORS: COMMITMENT AND EFFICACY	\$386,278

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2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007349	Training in Immunology and Virology	\$181,046
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$442,500
2011	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$404,291
2011	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$621,140
2011	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,684,111
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$746,201
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$433,694
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$408,543
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$792,421
2011	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$11,000,000
2011	BETH ISRAEL HOSPITAL	MA	R01AI015066	CELL SURFACE RECEPTORS ON T CELLS AND MACROPHAGES	\$408,629
2011	UNIVERSITY OF MASSACHUSETTS	MA	U01AI073871	ADAPTIVE IMMUNITY IN VIRUS-INDUCED DIABETES IN BBDR RATS	\$449,672
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$812,828
2011	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$122,144
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$433,694
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083713	ROLE OF PISA; A PYHIN FAMILY MEMBER IN INTRACELLULAR DNA RECOGNITION	\$403,066
2011	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$827,146
2011	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$3,549,203
2011	BOSTON UNIVERSITY	MA	U01AI082954	EARLY HOST IMMUNE RESPONSE IN PROTECTION AGAINST FILOVIRUS INFECTION	\$647,213
2011	IMMUNETICS, INC	MA	R43AI085815	REVERSE LINE BLOT ASSAY FOR TRYPANOSOME AND LEISHMANIA DETECTION AND IDENTIFICATI	\$299,999
2011	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI091104	DETERMINANTS OF INTRA-ABDOMINAL ABSCESS FORMATION	\$56,750
2011	BRANDEIS UNIVERSITY	MA	R01AI080791	MULTISCALE MODELING OF MECHANISMS FOR VIRAL CAPSID ASSEMBLY AND POLYMORPHISM	\$226,599
2011	BETH ISRAEL HOSPITAL	MA	P01AI076210	PRIMARY IMMUNO-DEFICIENCIES AFFECTING SPECIFIC STAGES OF THE IMMUNE RESPONSE	\$1,808,883

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2011	UNIVERSITY OF MASSACHUSETTS	MA	U24AI082663	TLR ECTODOMAINS FOR MICROBIAL DETECTION AND THERAPEUTICS	\$561,156
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI088478	HUMAN MEMORY B CELLS IN HUMANIZED MICE	\$219,038
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$407,138
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081842	Molecular Mechanisms of Rhabdovirus Entry	\$413,854
2011	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI091224	DRUG DISCOVERY FROM SLOW GROWING AND RARE MICROBIAL SPECIES	\$299,559
2011	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$482,625
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI083510	Functional role of RAG2 H3K4me3 interaction in V(D)J recombination	\$438,075
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI095109	Engineered lipid vesicles as potent vaccine vectors for HIV	\$321,347
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R03AI092442	IDENTIFYING NOVEL SMALL MOLECULES FOR IMPROVED ANTIFUNGAL DRUG TREATMENT	\$89,042
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$137,085
2011	DANA-FARBER CANCER INSTITUTE	MA	R37AI039394	Biochemical Mechanism of HIV DNA Integration	\$474,112
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI088352	REPROGRAMMING OF FIBROBLASTS TO PLURIPOTENCY- A NEW TOOL TO STUDY PRIMARY IMMUNOD	\$85,635
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI024643	Statistical Methods in AIDS Research	\$451,214
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI096101	ALTERATION OF HOST PROTEIN STABILITY BY LEGIONELLA	\$254,250
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI089829	Role of TBK1 polyubiquitination in innate antiviral immunity	\$540,532
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI094017	COMBINED SNP ANALYSIS AND WHOLE GENOME SEQUENCING TO DISCOVER IMMUNODEFICIENCY GE	\$87,000
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI080779	Modulation of innate immune cells to create transplant tolerance	\$223,571
2011	UNIVERSITY OF MASSACHUSETTS	MA	F32AI093049	EXOGENOUS CARBOHYDRATES ARE REQUIRED FOR SURVIVAL FOR M. TUBERCULOSIS	\$51,326
2011	TUFTS UNIVERSITY	MA	R03AI095861	TESTING A ROLE FOR ACTIVATION-INDUCED DEAMINASE IN OMENNS SYNDROME B-CELL AUTOIMM	\$82,500
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI094195	TRANSCRIPTOME PROFILING OF TRYPANOSOMA CRUZI AND ITS HOST CELL	\$249,298
2011	BOSTON UNIVERSITY	MA	R03AI094199	GENERATION OF IKAROS CONDITIONAL KNOCKOUT MICE	\$81,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI091787	Functional analysis of erythrocyte determinants of malaria infection	\$403,750
2011	BETH ISRAEL HOSPITAL	MA	R21AI093199	A SIV/RHESUS MONKEY PENILE MUCOSAL TRANSMISSION MODEL	\$221,900
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$857,225
2011	UNIVERSITY OF MASSACHUSETTS	MA	R56AI093791	HUMORAL IMMUNE RESPONSES TO VIRUS-LIKE PARTICLE VACCINE CANDIDATES FOR RSV	\$411,250
2011	UNIVERSITY OF MASSACHUSETTS	MA	T32AI095213	Innate Immunity Training Program	\$158,160
2011	NETWORK BIOSYSTEMS INC	MA	R43AI096768	A RAPID POINT-OF-CARE DIAGNOSTIC FOR NEISSERIA GONORRHOEAE STDS	\$300,000
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI044880	GENETIC BASIS FOR SUSCEPTIBILITY TO EAE	\$223,073
2011	TUFTS UNIVERSITY	MA	R56AI094459	EVALUATION OF A NEW CLASS OF ANTIMICROBIAL AGENTS AGAINST CLOSTRIDIUM DIFFICILE	\$897,906
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI089777	TIM-3: GALECTIN-9: A NOVEL REGULATORY PATHWAY OF ALLOIMMUNE ACTIVATION	\$312,000
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI074958	INTRACELLULAR BACTERIAL RECOGNITION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$281,584
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$210,922
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI037901	CHARACTERIZATION OF MYCOBACTERIAL SIGMA FACTORS	\$408,383
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$229,256
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$427,766
2011	DANA-FARBER CANCER INSTITUTE	MA	R37AI053102	GENERATION OF ANTIGEN-SPECIFIC REGULATION T CELLS	\$622,289
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI030914	INHIBITION OF HIV 1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	\$371,948
2011	BETH ISRAEL HOSPITAL	MA	R01AI022571	CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	\$416,543
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$415,317
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$415,317
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$10,375,910
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI069516	WESTERN NEW ENGLAND MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS UNIT	\$752,209
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$515,422

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069456	BOTSWANA-HARVARD SCHOOL OF PUBLIC HEALTH AIDS INITIATIVE PARTNERSHIP CTU	\$1,847,715
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,171,092
2011	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$805,886
2011	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$82,774
2011	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$583,753
2011	TUFTS MEDICAL CENTER	MA	T32AI007438	NEMCH CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$275,626
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$811,256
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$173,013
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$366,424
2011	FIRST LIGHT BIOSCIENCES INC	MA	R44AI055195	RAPID, ACCURATE AND USER-FRIENDLY CLINICAL SURGE-TESTING FOR BIOTHREAT AGENTS	\$997,518
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI073651	B CELL ACTIVATION DURING VIRAL INFECTION	\$390,601
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$2,399,034
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI064226	GROUP V SPLA2 IN INFLAMMATION AND INNATE IMMUNITY	\$130,150
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI091493	Functional genomic analysis of the CD8 T cell response to HIV vaccines in	\$1,065,338
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$2,020,176
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$334,382
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI070085	HARVARD LONGWOOD MEDICAL AREA TRAINING GRANT IN TRANSPLANTATION	\$180,046
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$611,752
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068871	LEUKOTRIENES AND LUNG INFLAMMATION	\$392,404
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI077412	NEF FUNCTION IN HIV INFECTIVITY	\$378,147
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI076189	CYTOMEGALOVIRUS AND NUCLEAR TUMOR SUPPRESSORS	\$390,601
2011	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$363,863
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI070999	REGULATORY TARGETS AND PATHOGENIC MECHANISMS OF ANTHRAX EDEMA FACTOR	\$383,714
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084753	MECHANISMS AND OPTIMIZATION OF EPITOPE PRESENTATION BY HIV-INFECTABLE CELL SUBSET	\$433,694

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2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI078287	HOW CELL DEATH AND STERILE PARTICULATES STIMULATE INFLAMMATION AND DISEASE	\$403,066
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081547	DYNAMIC HIV-1 ESCAPE FROM CCR5 ANTAGONISM IN VITO	\$136,350
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	DISEASE INITATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$125,199
2011	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$1,745,299
2011	TUFTS UNIVERSITY	MA	K25AI079404	LIGHT WEIGHT MODELING OF EPSTEIN BARR VIRUS	\$124,632
2011	BOSTON UNIVERSITY	MA	R01AI074903	RESPIRATORY SYNCYTIAL VIRUS POLYMERASE PROTEIN AND PROMOTER INTERACTIONS	\$398,166
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084657	ELUCIDATING THE ROLE OF T-REGS IN ENGRAFTMENT, GVHD, AND DLI IMMUNOTHERAPY	\$421,685
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081990	The Abeta protein of Alzheimer's Disease is an antimicrobial peptide	\$428,927
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$422,259
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	F31AI078726	SMALL MOLECULE INHIBITORS OF A CANDIDA ALBICANS HISTONE MODIFYING ENZYME	\$26,274
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI087666	ROLE OF IL-4R-ALPHA SIGNALING IN FOOD ALLERGEN SENSITIZATION AND ANAPHYLAXIS	\$256,658
2011	BIOHELIX CORPORATION	MA	R43AI088787	MOLECULAR TESTS FOR MALARIA THAT CAN BE PERFORMED WITH UNPROCESSED SAMPLES	\$269,552
2011	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088495	INFLAMMATORY AND SUPPRESSIVE MECHANISMS OF CNS AUTOIMMUNITY	\$203,569
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI085581	IDENTIFYING NOVEL ANTI-INFECTIVES BY HIGH THROUGH-PUT SCREENING IN WHOLE ANIMALS	\$963,577
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078784	TLR-MEDIATED GENDER DIFFERENCES IN HIV-1 PATHOGENESIS	\$438,075
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI087951	PEANUT GLYCOLIPID ANTIGENS ACTIVATE NATURAL KILLER T CELLS CAUSING SEVERE ALLERGY	\$188,348
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI093203	INNATE RESISTANCE OF CD4 T CELLS TO HIV-1 INFECTION IN ELITE CONTROLLERS	\$265,500
2011	BETH ISRAEL HOSPITAL	MA	F32AI085965	INTERACTION BETWEEN LL-37 AND CSRRS OF GROUP A STREPTOCOCCUS	\$58,682
2011	NORTHEASTERN UNIVERSITY	MA	R01AI085005	A HIGH-THROUGHPUT SCREEN FOR SPECIFIC ANTI-M. TUBERCULOSIS COMPOUNDS	\$384,863
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI091043	PROBING INTERACTIONS WITHIN ANTHRAX TOXIN BY ELECTRON PARAMAGNETIC RESONANCE	\$51,326

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI093903	Role of aryl hydrocarbon receptor in IL-10 producing Tr1 regulatory cells	\$375,260
2011	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$430,650
2011	DANA-FARBER CANCER INSTITUTE	MA	U01AI090043	Crossprotective CTL Against Influenza	\$1,158,777
2011	PROCRYSTA BIOLOGIX INC	MA	R43AI095120	CRYSTALLINE ENDOLYSIN TREATMENT FOR TUBERCULOSIS IN TB/HIV CO-INFECTED PATIENTS	\$241,150
2011	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI093676	Viral and Host Determinants of New World Alphaviral Entry	\$133,515
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$137,160
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$647,877
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI094602	T follicular helper cells: Role in generation of anti-HIV antibody responses	\$442,500
2011	TUFTS MEDICAL CENTER	MA	R21AI094678	HIV, ART AND THE INTESTINAL MICROBIOTA	\$198,750
2011	IMMUNETICS, INC	MA	R21AI085453	MOLECULAR DETECTION OF INVASIVE FUNGAL INFECTIONS BY REVERSE LINE BLOT ASSAY	\$227,953
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	UM1AI068616	SDMC - IMPAACT Leadership Group	\$8,477,926
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI092399	Role of T cell Specific Adaptor Protein in Alloimmunity	\$217,083
2011	BOSTON UNIVERSITY	MA	U19AI096398	Monoclonal Antibody-based Multipurpose Microbicides	\$3,033,249
2011	BIOHELIX CORPORATION	MA	R41AI092913	INTEGRATED MOLECULAR DIAGNOSTIC SYSTEM FOR THE POINT-OF-CARE	\$241,885
2011	UNIVERSITY OF MASSACHUSETTS	MA	R13AI094777	CMV MEETING SUPPORT	\$8,000
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI097052	MIGRATORY PROPERTIES OF HIV-INFECTED T CELLS IN VIVO	\$601,348
2011	BOSTON UNIVERSITY	MA	T32AI089673	Boston University Inflammatory Disorders Training Grant	\$316,875
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI093059	A STUDY OF THE FUNCTIONAL DETERMINANTS OF A PLASMODIUM FALCIPARUM INVASION LIGAND	\$51,326
2011	AURITEC PHARMACEUTICALS LLC	MA	R44AI081552	PRECLINICAL DEVELOPMENT OF A TENOFOVIR INTRAVAGINAL RING FOR HIV PROPHYLAXIS	\$1,000,000
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI095088	HLA RESTRICTION AND TCR AFFINITY IN HIV	\$438,750
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R56AI065540	MECHANICS OF BACTERIAL SWARMING	\$338,000
2011	BETH ISRAEL HOSPITAL	MA	R56AI043552	THE ROLE OF RAPI AND ITS NOVEL ASSOCIATED MOLECULES IN T CELL RESPONSES	\$391,500
2011	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$349,718
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$197,427

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2011	TUFTS MEDICAL CENTER	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$153,844
2011	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$239,435
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043534	REGULATION OF V(D)J RECOMBINATION IN B CELL DEVELOPMENT	\$348,837
2011	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$1
2011	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$308,626
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI042738	ACINETOBACTIN AND C-GLUCOSYLATED ENTEROBACTIN SIDEROPHORES	\$434,879
2011	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$618,515
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$427,715
2011	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$460,431
2011	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$431,981
2011	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$281,398
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$454,459
2011	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	CELLULAR IMMUNITY TO CATEGORY A-C VIRUSES IN HUMANS	\$3,209,684
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084987	REGULATION OF CONVENTIONAL VERSUS INNATE CD8+ T CELL DEVELOPMENT	\$407,138
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$4,620,425
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI022021	MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	\$758,428
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$432,540
2011	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$1,975,833
2011	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI076425	TB VACCINE CANDIDATES FOUND IN PATIENTS' BODILY FLUIDS AND MURINE MHC-1 MOLECULE	\$547,212
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$396,451
2011	BETH ISRAEL HOSPITAL	MA	R01AI076138	ARMING NEUTROPHILS FOR THE DESTRUCTION OF HIV BY ANTI-HIV ANTIBODY	\$333,234
2011	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$2,574,877
2011	BETH ISRAEL HOSPITAL	MA	R01AI080582	PURINERGIC RECEPTORS IN INFLAMMATION	\$350,876
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083497	PROGRAMMED NECROSIS IN IMMUNE RESPONSES	\$407,138

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081534	POINT-OF-CARE RAPID BLOOD TESTING USING MICROFLUIDIC DEVICES	\$428,891
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI091155	REGULATION OF CD28 SIGNALING IN T CELLS BY CYTOPLASMIC DOMAIN MEMBRANE BINDING	\$33,066
2011	BOSTON COLLEGE	MA	R01AI081924	Cytoskeleton scaffold assembly in Toxoplasma gondii	\$345,118
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$798,123
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI081693	Control of virulence gene expression in Francisella tularensis	\$428,588
2011	TUFTS UNIVERSITY	MA	R21AI088489	REVERSING BOTULISM WITH AGENTS THAT ACCELERATE INTRANEURONAL TOXIN DEGRADATION	\$236,099
2011	BOSTON UNIVERSITY	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	\$408,483
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$421,505
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI085033	Identifying essential functions in non replicating Mycobacterium tuberculosis	\$137,295
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI089810	IN VITRO DIFFERENTIATION OF RAG1-MUTATED IPS CELLS AND CORRECTION BY MEGANUCLEASE	\$234,084
2011	BETH ISRAEL HOSPITAL	MA	R01AI084794	IMPACT OF HIV ENVELOPE CONFORMATION ON IMMUNOGENICITY	\$827,465
2011	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$386,471
2011	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI084032	HIGH-RESOLUTION ANALYSIS OF DIVERSITY AND VARIATION IN THE HUMAN MICROBIOME	\$249,480
2011	BETH ISRAEL HOSPITAL	MA	R21AI083762	PATHOGENESIS OF CUTANEOUS LUPUS ERYTHEMATOSUS	\$258,390
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI092967	Molecular Mechanisms of Modulation of N-WASP activity	\$46,346
2011	MICROBIOTIX, INC	MA	R43AI088854	STRUCTURE-BASED DESIGN OF SORTASE INHIBITORS FOR ANTI-INFECTIVE THERAPY	\$299,999
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$401,426
2011	TUFTS MEDICAL CENTER	MA	R21AI088336	THE ROLE OF ZAK IN SHIGA TOXIN/RICIN-INDUCED INFLAMMATION	\$196,763
2011	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,624,603
2011	MICROBIOTIX, INC	MA	R43AI092964	QUINOLINE-BASED INHIBITORS OF BONT/A LC	\$299,718
2011	SPRING BANK TECHNOLOGIES INC	MA	R01AI094469	Preclinical Development of SB 44 as an Orally Bioavailable Anti-HBV Agent	\$765,000
2011	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI093589	Initiation and Regulation of Antiviral Innate Immunity	\$432,084

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2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R00AI075285	CENTRAL NERVOUS SYSTEM AUTOIMMUNITY AND IMMUNOREGULATION IN THE ZEBRAFISH	\$240,659
2011	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$472,220
2011	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI092388	CHEMOKINE RECEPTOR CCR7 IN TISSUE-SPECIFIC T CELL IMPRINTING AND AUTOIMMUNITY	\$226,948
2011	MARINE BIOLOGICAL LABORATORY	MA	R13AI096746	MOLECULAR MYCOLOGY: CURRENT APPROACHES TO FUNGAL PATHOGENESIS	\$8,000
2011	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI095261	T cell effector and regulatory mechanisms in asthma and food allergy	\$2,039,617
2011	BOSTON UNIVERSITY	MA	R01AI096159	Development of Near Real-Time, Multiplexed Diagnostics for Viral Hemorrhagic Fever	\$1,423,579
2011	UNIVERSITY OF MASSACHUSETTS	MA	R01AI091820	A Clinical Study of Protective and Pathogenic Immunity to Dengue during Infancy	\$577,329
2011	CELLEX THERAPEUTICS INC	MA	R43AI095159	DENDRITIC CELL-TARGETED HIV VACCINE PRODUCT	\$297,572
2011	TUFTS UNIVERSITY	MA	R13AI098104	MEETING ON THE PATHOGENESIS OF CLOSTRIDIA	\$12,000
2011	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R56AI048825	SYNTHESIS OF ANTIBIOTICS	\$372,660
2011	BETH ISRAEL HOSPITAL	MA	R56AI083304	THE CONTROL OF T CELL DEVELOPMENT IN RESPONSES BY PTEN	\$350,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI071015	EPIDEMIOLOGY OF RESISTANT BACTERIA IN ACUTE-CARE AND LONG-TERM CARE FACILITIES	\$135,363
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI049316	GI NEMATODES AND GUT FUNCTIONAL RESPONSES TO INFLAMMATION	\$367,538
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$453,078
2011	SIGMOVIR BIOSYSTEMS INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$534,432
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$759,761
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$513,602
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$340,808
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECT	\$8,281,586
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI069568	STAPHYLOCOCCUS AUREUS BIOFILMS: IN VITRO AND IN VIVO STUDIES	\$356,949
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$684,543
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$450,573

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2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$654,415
2011	JOHNS HOPKINS UNIVERSITY	MD	K01AI071754	BIOMARKERS, THERAPY, AND MORTALITY IN THE EVOLVING HIV EPIDEMIC	\$134,192
2011	JOHNS HOPKINS UNIVERSITY	MD	K08AI071072	MODIFIED AUTOANTIGENS ENGAGE THE INNATE IMMUNE RESPONSE IN SYSTEMIC AUTOIMMUNITY	\$129,006
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI075115	CIRCUMCISION: HIV/STIS AND BEHAVIORS IN A RCT AND POST-RCT SURVEILLANCE; RAKAI	\$1,800,254
2011	JOHNS HOPKINS UNIVERSITY	MD	K08AI074907	MOLECULAR EPIDEMIOLOGY OF PRIMARY CMV INFECTION	\$136,113
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$394,206
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI080668	DETERMINANTS OF PLASMODIUM LIVER INVASION	\$361,658
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$401,841
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$180,005
2011	JOHNS HOPKINS UNIVERSITY	MD	K24AI085118	Patient Oriented Research in Transplant and Oncology ID	\$199,014
2011	CELLEX INC	MD	R44AI082728	POINT OF CARE FLU DRUG RESISTANCE TEST	\$999,992
2011	IMQUEST BIOSCIENCES INC	MD	R44AI078858	MECHANISM OF ACTION OF NOVEL DUAL ACTING PYRIMIDINEDIONES	\$861,701
2011	FUNCTIONAL GENETICS INC	MD	R44AI074484	DISCOVERY OF CRITICAL HOST GENES ENABLING RESISTANCE TO HIV-1 INFECTION AS THERAP	\$995,189
2011	PROFECTUS BIOSCIENCES INC	MD	R44AI091567	PRECLINICAL DEVELOPMENT OF FULL LENGTH SINGLE CHAIN	\$997,069
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$242,675
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI085147	ANCILLARY CARE IN COMMUNITY-BASED RESEARCH: DECIDING WHAT TO DO	\$198,424
2011	JOHNS HOPKINS UNIVERSITY	MD	K01AI093197	Challenging and Expanding Paradigms of Aging with HIV	\$132,581
2011	IMQUEST BIOSCIENCES INC	MD	R21AI088586	DEVELOPMENT OF A NOVEL NANOPARTICLE PYRIMIDINEDIONE VAGINAL POLYMERIC FILM AS AN	\$184,509
2011	JOHNS HOPKINS UNIVERSITY	MD	K22AI092150	ESTIMATION OF INTERVENTION EFFECTS IN INFLUENZA OUTBREAKS	\$162,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI093701	Novel Artemisinin Derivatives for Cytomegalovirus Therapy	\$410,000

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2011	SANARIA INC	MD	R43AI091208	LYOPHILIZATION OF P. FALCIPARUM TRANSGENIC FOR TREHALOSE SYNTHESIS/TRANSPORT	\$284,756
2011	TOWSON STATE UNIVERSITY	MD	R15AI084069	LONG-TERM HERPES SIMPLEX VIRUS-1 SUPPRESSION BY CONTINUOUS ACYCLOVIR DELIVERY	\$348,319
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI095048	IMPROVING THE DIAGNOSIS OF HISTOPLASMOSIS IN AN ENDEMIC REGION	\$387,954
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI091631	BASOPHILS IN MODULATING TH2 RESPONSES IN HUMAN ALLERGIC DISEASE	\$410,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI080417	Impact of Malnutrition on HIV Treatment Failure in Resource-Limited Settings	\$625,739
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$581,202
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$449,163
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007056	BASIC AND CLINICAL IMMUNOLOGY	\$201,458
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$374,888
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$1,984,423
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI024656	MOLECULAR GENETIC ANALYSIS OF SHIGELLA PATHOGENICITY	\$374,888
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069518	THE MALAWI CLINICAL TRIALS UNIT	\$9,722,463
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$564,175
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$250,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI083125	REGULATORY NETWORKS INVOLVED IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$574,242
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI085535	STRUCTURE-FUNCTION OF THE SHIGELLA DYSENTERIAE HEME UPTAKE OPERON (SHU)	\$371,250
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI080842	PK/PD ISSUES IN THE USE OF NEW THERAPIES FOR THE TREATMENT OF TUBERCULOSIS	\$134,325
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI088835	CHARACTERIZATION OF THE AN. GAMBIAE LL3/SRPN6 PATHWAY IN RESPONSE TO PLASMODIUM I	\$57,542
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI078980	MOTOR PROTEIN REGULATION OF T CELL RECEPTOR SIGNALING	\$401,841
2011	JOHNS HOPKINS UNIVERSITY	MD	K08AI081544	HIV, KUPFFER CELLS, AND HCV-RELATED LIVER FIBROSIS	\$128,762

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2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI085380	LASER TREATMENT TO ENHANCE THERAPEUTIC HPV DNA VACCINE POTENCY	\$248,757
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI087192	IDENTIFICATION AND CHARACTERIZATION OF NOVEL ANTI-HIV INHIBITORS	\$202,950
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI087624	Clinical trial of chloroquine weekly or as IPT to prevent malaria in pregnancy in	\$1,303,748
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI084984	Leukotrienes and blood-brain barrier	\$405,900
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI083099	CAUSES OF AND ASSOCIATIONS WITH DEATH DURING LONG TERM HAART IN AFRICA	\$134,165
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI085406	THE ROLE MAST CELL MICRORNAS IN THE PATHOGENESIS OF ASTHMA	\$243,540
2011	BIOLOGICAL MIMETICS, INC	MD	R43AI085683	DEVELOPMENT OF A NOVEL HUMAN RHINOVIRUS VACCINE	\$299,164
2011	SANARIA INC	MD	R43AI088853	CRYOPRESERVATION OF ANOPHELES STEPHENSI EMBRYOS	\$299,985
2011	SEQUELLA, INC	MD	R41AI094811	Targeting MtrAB of M. tuberculosis	\$300,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088604	BIOMARKERS OF SEVERE PEANUT ALLERGY	\$202,950
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI093152	Oncogenic HPV, Mucosal Immune Response and Risk of HIV Acquisition	\$136,754
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI093520	Aging and Fracture Risk among HIV-infected and HIV-uninfected Men	\$840,190
2011	UNIVERSITY OF MARYLAND	MD	R21AI096083	HIGH-THROUGHPUT ASSAY FOR PROTEIN-LIGAND INTERACTION	\$211,500
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI092374	CYTOMEGALOVIRUS UL80 PROTEINS:INTERACTIONS AND MODIFICATIONS THAT IMPACT FUNCTION	\$246,000
2011	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$469,679
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI069447	INSTITUTE OF HUMAN VIROLOGY CLINICAL TRIALS UNIT	\$660,065
2011	JOHNS HOPKINS UNIVERSITY	MD	R37AI041908	HIV-1 GENE PRODUCTS/TARGETED/MHC II ANTIGEN PRESENTATION	\$394,207
2011	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$528,995
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$369,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$401,841
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069497	BYRAMEE JEEJEEBHOY MEDICAL COLLEGE (BJMC), PUNE, INDIA: CLINICAL TRIALS UNIT	\$1,039,855
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$96,590
2011	UNIVERSITY OF MARYLAND	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$384,690

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2011	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$294,927
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	\$367,538
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$632,053
2011	JOHNS HOPKINS UNIVERSITY	MD	P01AI072677	ANTIGEN RECEPTOR INPUTS: LINKING STRUCTURAL, MOLECULAR, AND CELLULAR RESPONSES	\$2,007,519
2011	J CRAIG VENTER INSTITUTE INC	MD	U54AI084844	CONSTRUCTION OF A REFERENCE SEQUENCE DATA SET FOR THE HUMAN MICROBIOME PROJECT	\$709,235
2011	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$330,785
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$401,841
2011	JOHNS HOPKINS UNIVERSITY	MD	F31AI080161	DISSECTION OF THE MOSQUITO AEADES AEGYPTI'S IMMUNE RESPONSES TO DENGUE INFECTION.	\$41,800
2011	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI085665	DEVELOPMENT OF A PANTON VALENTINE LEUKOCIDIN BIVALENT VACCINE	\$300,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088406	IDENTIFICATION OF CANDIDATE GENES FOR SPECIFIC IMMUNE RESPONSIVENESS TO COCKROACH	\$202,950
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$744,976
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI084549	HAART Initiation in Behaviorally HIV-Infected Youth	\$134,325
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI089830	The Role of EOS in Regulatory T-cell Biology.	\$405,900
2011	SEQUELLA, INC	MD	R34AI094627	CLINICAL DEVELOPMENT OF SQ109 FOR MDR- TB	\$261,175
2011	PLANTVAX INC	MD	R44AI081621	Plant-derived HIV neutralizing mAbs for passive immunotherapy in newborn macaques	\$726,046
2011	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern Africa	\$1,673,267
2011	JOHNS HOPKINS UNIVERSITY	MD	F31AI094967	TARGETING DXP SYNTHASE IN NON- MAMMALIAN ISOPRENOID BIOSYNTHESIS	\$41,800
2011	AKONNI BIOSYSTEMS INC	MD	R43AI085650	DIAGNOSTIC ARRAY FOR ASEPTIC ENCEPHALITIS	\$300,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI090144	MOLECULAR MECHANISMS OF SHIGA TOXIN ACTION IN THE MAMMAL CENTRAL NERVOUS SYSTEM	\$375,000
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI088964	M. TUBERCULOSIS INFLUENCES HOST MATRIX METALLOPROTEINASES AND GRANULOMA FORMATION	\$48,398

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2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$377,093
2011	UNIVERSITY OF MARYLAND	MD	R01AI072584	MECHANISM OF HOST CELL APOPTOSIS INHIBITION BY MYCOBACTERIUM TUBERCULOSIS	\$330,785
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$371,250
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZEDS PATIENTS	\$180,177
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$297,000
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069530	MAKERERE UNIV.-JOHNS HOPKINS UNIV. HIV CLINICAL TRIALS UNIT-KAMPALA, UGANDA	\$5,748,136
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$78,162
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI070018	IMMUNE RECONSTITUTION OF HIV-1 INFECTED ZAMBIAN CHILDREN INITIATING ANTIRETROVIRA	\$366,095
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI079590	PK/PD EVALUATION RESISTANCE DEVELOPMENT IN CASEATING GRANULOMA	\$646,181
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$394,207
2011	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$367,538
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI080974	Molecular Epidemiology of the Vaginal Microbiome	\$128,835
2011	JOHNS HOPKINS UNIVERSITY	MD	F31AI089034	SEX HORMONES AND THE INNATE IMMUNE RESPONSE TO INFLUENZA INFECTION	\$35,400
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	\$649,142
2011	AKONNI BIOSYSTEMS INC	MD	R44AI072784	DIAGNOSTIC INFLUENZA RT-PCR ARRAY	\$985,553
2011	PROTEIN POTENTIAL LLC	MD	R43AI091273	LIVE ATTENUATED ORAL ANTHRAX VACCINE	\$299,996
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI084854	Universal Screening of HIV-Infected Persons for Gonorrhea and Chlamydia	\$134,165
2011	UNIVERSITY OF MARYLAND	MD	R01AI094773	Profiling the Leishmania-macrophage Host-pathogen Infectome	\$634,000
2011	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$765,313
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	\$134,730
2011	SIGMOVIR BIOSYSTEMS INC	MD	R41AI091246	COTTON RAT: ANIMAL MODEL PREDICTIVE OF CLINICAL RESPONSES TO HSV VACCINES	\$275,045
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI091923	CELL FREE SYSTEM FOR IDENTIFICATION OF MHC CLASS II IMMUNODOMINANT EPITOPES	\$328,000

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2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI096062	CYTOTOXIC CELL DYSFUNCTION IN HGA	\$202,500
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$488,435
2011	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$453,689
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$1,737,726
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI046223	AIDS Opportunistic Infections: Virulence of C. glabrata	\$405,900
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069482	JOHNS HOPKINS UNIVERSITY-GUANGXI, CHINA CLINICAL TRIALS UNIT	\$1,685,621
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$117,777
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI090379	DEVELOPMENT OF A MONKEY MODEL OF BORDETELLA PERTUSSIS INFECTION AND DISEASE	\$148,500
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088311	EFFICIENT SITE-SPECIFIC GENETIC ENGINEERING OF THE ANOPHELES GAMBIAE GENOME	\$202,950
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI087139	IMPACT OF MATERNAL HAART ON HIV-INFECTED BREASTFEEDING INFANTS: MALAWI	\$607,126
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,899,170
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI090727	Post Genome-Wide Association Study of Food Allergy	\$434,192
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$596,360
2011	SANARIA INC	MD	R43AI088935	SANARIA PFSPZ VACCINE FUNCTIONAL T CELL ASSAY-HEPATOCYTE CYTOTOXICITY ASSAY	\$269,124
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$371,250
2011	AERAS GLOBAL TB FOUNDATION	MD	R01AI090691	Generation and Evaluation of Pro-Apoptotic rBCG and Viral Vectors as TB Vaccine C	\$131,388
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI091481	TRANSPLANTATION TOLERANCE AND IMMUNE FUNCTION FOLLOWING MTOR INHIBITION.	\$405,900
2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI096593	MICROBIAL PATHOGENESIS: MECHANISMS OF INFECTIOUS DISEASE	\$14,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI095068	Laboratory and Statistical Development of Cross-Sectional HIV Incidence Assays	\$759,963
2011	PROFECTUS BIOSCIENCES INC	MD	R01AI093346	Preclinical Development of m102.4, a Human Anti-Hendra and Nipah Antibody	\$1,040,946
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087865	Human Microbiome and Healthcare Associated Infections	\$366,370
2011	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	UM1AI068636	Leadership and Operations Center (LOC), AIDS Clinical Trials Group (ACTG); LOC 1/	\$26,127,945

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2011	TOWSON STATE UNIVERSITY	MD	R15AI094548	ROLE OF SMALL TRANSMEMBRANE PROTEINS IN CYTOCHROME BD OXIDASE ACTIVITY	\$388,619
2011	RADIX PHARMACEUTICALS INC	MD	R44AI077109	PRECLINICAL STUDIES OF NATURAL PRODUCT DERIVATIVES AS ANTIMALARIAL AGENTS	\$547,433
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI089259	Implementation Science Approaches for Novel TB Diagnostics in HIV Prevalent Areas	\$136,350
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI089878	Duration of Hormonal Contraceptive Use: Immune Responses & Vaginal Microbiota	\$467,529
2011	MEDIGEN INC	MD	R43AI094700	TRIVALENT ARENAVIRAL VACCINE BASED ON VIRUS-LIKE PARTICLE VECTORS (VLPVS)	\$222,146
2011	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI094829	DEVELOPMENT OF A NOVEL SECOND-GENERATION PAN-FILOVIRUS SUBUNIT VACCINE	\$300,000
2011	MEDIGEN INC	MD	R03AI094159	A NOVEL DNA-LAUNCHED LIVE ATTENUATED CHIKUNGUNYA VACCINE	\$87,150
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI092033	MOLECULAR BASIS OF HUMAN DEFENSINS AS NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$230,250
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI080840	LIMITING EFFECTS OF A TICK KUNITZ PROTEASE INHIBITOR ON RICKETTSIAL INFECTION	\$162,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072732	INHIBITION OF ANTHRAX LETHAL FACTOR BY ALPHA-DEFENSINS	\$360,555
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$324,720
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$405,900
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$2,439,320
2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI069760	FASEB SUMMER CONFERENCE ON MICROBIAL POLYSACCHARIDES	\$12,000
2011	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$334,125
2011	SANARIA INC	MD	R44AI055229	Plasmodium Falciparum Whole Sporozoite Malaria Vaccine	\$983,532
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$383,843
2011	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,211,644
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI078835	STATISTICAL METHODS FOR HIV/AIDS RESEARCH	\$398,319
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$2,276,122
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$808,403
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$394,207

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2011	UNIVERSITY OF MARYLAND	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$330,785
2011	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB	\$1,214,480
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI070594	A COMPARATIVE GENOMICS AND TRANSGENIC APPROACH TO REGULATION OF IL-10 EXPRESSION	\$394,207
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI077757	MECHANISMS OF IMMUNE EVASION BY HEPATITIS C VIRUS	\$401,841
2011	UNIVERSITY OF MARYLAND	MD	R01AI073667	GENETIC VARIATION IN GENES INVOLVED IN NEISSERIA GONORRHOEAE LOS BIOSYNTHESIS	\$220,523
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI080094	IDENTIFYING NOVEL FUNGAL VIRULENCE FACTORS IN CANDIDA GLABRATA	\$54,734
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI077556	Role of the antiviral ribonuclease, RNase-L, in the host antibacterial response	\$371,250
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI090261	(POLY)GLYCEROLPHOSPHATE-BASED, CROSS-PROTECTIVE ANTI-STAPHYLOCOCCAL VACCINE	\$227,205
2011	UNIVERSITY OF MARYLAND	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$367,538
2011	SANARIA INC	MD	R43AI088963	AUTOMATED SALIVARY GLAND DISSECTION FOR MANUFACTURE OF MALARIA PFSPZ VACCINE	\$299,627
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087181	Broadly Neutralizing Monoclonal Antibodies Against HIV-1	\$558,285
2011	PROFECTUS BIOSCIENCES INC	MD	R44AI074334	ENHANCING DNA VACCINES USING MODIFIED BACTERIAL TOXIN A1 SUBUNITS AS ADJUVANTS	\$961,830
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI074594	ACUTE HIV INFECTION AND PREGNANCY	\$679,178
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	\$1,635,820
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI090820	ADVANCING NEW DRUG REGIMENS FOR MDR/XDR TB	\$421,718
2011	JOHNS HOPKINS UNIVERSITY	MD	R33AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGE	\$371,558
2011	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$105,925
2011	MACROGENICS INC	MD	R01AI089588	A Pan-Dengue Virus Immunotherapeutic for Prevention and Treatment	\$1,197,162
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$488,193
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K25AI087968	Single Molecule Studies of HIV Envelope Properties	\$109,430

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2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094882	FASEB SRC ON MOLECULAR MECHANISMS OF IMMUNE CELL DEVELOPMENT AND FUNCTION	\$7,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI097138	Biomarkers and Signaling in Tuberculosis	\$637,548
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI091869	Investigation of the Role of TGF Beta in TH2-Mediated Disease	\$134,325
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R33AI080553	Ciprofloxacin enhances DNA repair capacity after radiation combined injury	\$371,512
2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094757	FASEB SRC ON SIGNAL TRANSDUCTION IN THE IMMUNE SYSTEM	\$15,000
2011	SANARIA INC	MD	R43AI094894	INCREASING POTENCY OF ATTENUATED SPOOROZOITE VACCINES WITH A GLYCOLIPID ADJUVANT	\$299,996
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI093450	Development of New Bivalent Cross-Protective Arenaviral Vaccines	\$868,007
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI096948	ANALYSIS OF HIV-1 IN MUCOSAL TISSUE IN ELITE SUPPRESSORS	\$234,320
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI087749	NOVEL LINKAGES OF THE PEPTIDOGLYCAN LAYER: ADAPTATION & RESISTANCE TO B-LACTAMS	\$410,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI032074	THE EAE GENE CLUSTER OF ENTEROPATHOGENIC E. COLI	\$367,538
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$374,888
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$258,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$367,538
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069465	JOHNS HOPKINS AIDS CLINICAL TRIALS UNIT	\$1,346,297
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$1,185,737
2011	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$602,760
2011	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$225,800
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067954	IMMUNOLOGIC DETERMINANTS OF SCHISTOSOMA-MEDIATED RESISTANCE TO MALARIA IN HUMANS	\$318,567
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$53,999
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$872,509
2011	IMQUEST BIOSCIENCES INC	MD	U19AI077289	LONG ACTING ACCEPTABLE MICROBICIDES: NOVEL DELIVERY, ACTIVITY AND PHARMACODYNAMIC	\$1,265,859

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2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$660,654
2011	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$236,524
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI077995	VACCINES AND THERAPEUTICS FOR NIPAH AND HENDRA VIRUS	\$1,067,628
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI081752	MRSA IN CHILDREN: EPIDEMIOLOGY, PATHOGENESIS, AND PREVENTION	\$134,730
2011	SANARIA INC	MD	R43AI085740	IN-VITRO CULTURE OF PLASMODIUM FALCIPARUM SPOOROZOITES FOR MALARIA VACCINE	\$269,927
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI082695	DIAGNOSIS OF GAMBIENSE HAT	\$321,473
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$575,328
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI083100	FORESKIN MUCOSAL CELLULAR CONSTITUENTS & EFFECTS OF CIRCUMCISION ON HIV/STI RISK	\$134,165
2011	MEDIGEN INC	MD	R43AI094863	NOVEL DNA-LAUNCHED ATTENUATED VACCINE FOR VEE VIRUS	\$300,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	\$1,454,281
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI090188	THE JAK-STAT PATHWAY IN ANTI-DENGUE DEFENSE	\$284,130
2011	JOHNS HOPKINS UNIVERSITY	MD	F32AI091274	STUDY OF ASTHMA AND NASAL STEROIDS TRIAL-AN ANCILLARY MECHANISTIC STUDY	\$60,962
2011	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$594,017
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI095569	Role of the Epithelial Growth Factor Receptor in SARS Coronavirus Pathogenesis	\$375,000
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI090866	MOLECULAR BASIS OF ADCC-MEDIATED HIV PROTECTION	\$560,677
2011	PROTEIN POTENTIAL LLC	MD	R44AI058373	PLASMODIUM VIVAX RECOMBINANT CS PROTEIN VACCINE FOR MALARIA	\$1,000,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI087409	GENITAL ANAEROBES, INFLAMMATION AND HIV RISK; RAKAI	\$831,536
2011	JOHNS HOPKINS UNIVERSITY	MD	K23AI083931	REDUCING MORBIDITY AND MORTALITY FROM ACUTE FEBRILE ILLNESS BY IMPROVED DIAGNOSIS	\$135,544
2011	JOHNS HOPKINS UNIVERSITY	MD	R33AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$467,744
2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI094906	2011-15 FASEB Summer Conference on Autoimmunity	\$20,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI088033	REDUCING MALARIA TRANSMISSION WITH ENGINEERED BACTERIA	\$204,685

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2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI084580	THE CIRCULATING AND MEMORY B-ANTIBODY RESPONSES IN HIV-INFECTED PATIENTS	\$134,730
2011	JOHNS HOPKINS UNIVERSITY	MD	R56AI062446	HIV Integration Profiling and Viral Persistence in Children and Youth	\$468,656
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI093316	Impact of a New Molecular TB Test on TB/HIV Outcomes among HIV-Infected Malawians	\$605,961
2011	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI065529	REGULATORY NETWORKS OF HELICOBACTER PYLORI	\$367,285
2011	UNIVERSITY OF MARYLAND	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$294,030
2011	UNIVERSITY OF MARYLAND	MD	R01AI049383	MODULATING HOST RESPONSES TO BACTERIAL PRODUCTS	\$285,560
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$294,030
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI052468	IMMUNOGENETIC ANALYSIS OF HUMAN IMMUNE RESPONSE TO ALLERGENS	\$401,841
2011	UNIVERSITY OF MARYLAND	MD	T32AI051967	MECHANISMS OF VIRUS REPLICATION AND GENE EXPRESSION	\$176,870
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI044375	EFFECTOR AND MEMORY ANTI-MALARIA CD8+ CELL RESPONSES	\$530,160
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$454,875
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$281,290
2011	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,840,029
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$247,809
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI082612	FIRING UP NEW TREATMENTS AGAINST MYCOBACTERIUM ULCERANS DISEASE (BURULI ULCER)	\$401,841
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI080328	CD8+ T CELL MEDIATED INHIBITION OF HIV-1 REPLICATION IN ELITE SUPPRESSORS	\$321,473
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI081600	INTERMOLECULAR COOPERATIVITY IN THE ACTION OF ANTIVIRAL AGENTS	\$281,290
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI087423	D-PEPTIDE INHIBITORS OF HIV ASSEMBLY AND MATURATION	\$185,625
2011	GENVEC INC	MD	R44AI063819	PRODUCTION OF ADENOVECTOR BASED VACCINES	\$899,329
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI082587	SMALL MOLECULE PROTEIN-GLYCAN INHIB. AS MALARIA TRANSMISSION-BLOCKING THERAPUETIC	\$401,841
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,450,282

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2011	FUNCTIONAL GENETICS INC	MD	R44AI068217	DEVELOPMENT OF BROAD SPECTRUM HOST ORIENTED THERAPEUTIC ANTIBODIES AGAINST INFLUE	\$1,000,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI090344	SEX DIFFERENCES IN PROTECTIVE IMMUNITY AGAINST INFLUENZA A VIRUSES	\$243,540
2011	SEQUELLA, INC	MD	R43AI088952	SQ109 FOR TREATMENT OF MDR-TB	\$299,797
2011	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$995,117
2011	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	\$371,250
2011	UNIVERSITY OF MARYLAND	MD	R21AI085376	ACCURATE COMPUTATIONAL DETECTION OF INFLUENZA REASSORTMENTS	\$183,645
2011	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	\$324,720
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI089342	Clinical trial of trimethoprim-sulfamethoxazole or chloroquine in adults on ART	\$2,214,881
2011	IMQUEST BIOSCIENCES INC	MD	R21AI082689	DEVELOPMENT OF ANTIMICROBIAL PEPTIDES AS TOPICAL MICROBICIDES	\$195,117
2011	JOHNS HOPKINS UNIVERSITY	MD	F31AI091326	INTERACTION BETWEEN HIV-1 VIF AND A HOST KEY IMMUNE REGULATOR COMPONENT	\$41,800
2011	MEDIGEN INC	MD	R43AI088923	INFECTIOUS DNA (I-DNA) VACCINE FOR YELLOW FEVER	\$117,986
2011	SEQUELLA, INC	MD	R01AI094458	Development of a New Diamine (SQ109) for the Treatment of C. difficile Infection	\$730,895
2011	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI090512	ANALYSIS OF TLR4-DEPENDENT INNATE IMMUNE RESPONSES INDUCED BY DIETARY GLUTENS	\$76,750
2011	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI096595	FASEB SRC ON MEMBRANE ORGANIZATION BY MOLECULAR SCAFFOLDS	\$16,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R03AI096918	INCIDENT HEPATITIS B IN MEN WITH OR AT RISK FOR HIV INFECTION	\$82,000
2011	JOHNS HOPKINS UNIVERSITY	MD	R21AI094519	MUCUS PENETRATING PARTICLES FOR RECTAL MICROBICIDES	\$199,793
2011	BOWDOIN COLLEGE	ME	R15AI090633	Role of genome plasticity in Candida albicans host-pathogen interactions	\$364,019
2011	UNIVERSITY OF MICHIGAN	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$346,328
2011	UNIVERSITY OF MICHIGAN	MI	R01AI046675	Microneme function in toxoplasma	\$342,861
2011	UNIVERSITY OF MICHIGAN	MI	R01AI076057	DNA SEQUENCES INVOLVED IN THE HEAVY CHAIN SWITCH	\$364,518
2011	AUREOGEN BIOSCIENCES INC	MI	R44AI061864	NOVEL ANTIFUNGALS BY ENGINEERING THE ABA NRPS GENE	\$240,577
2011	UNIVERSITY OF MICHIGAN	MI	R01AI083252	Mechanism of cholera toxin retro-translocation	\$299,975
2011	MICHIGAN STATE UNIVERSITY	MI	K02AI080225	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1	\$103,751
2011	UNIVERSITY OF MICHIGAN	MI	R01AI080611	Mechanisms of Norovirus Entry	\$365,569
2011	UNIVERSITY OF MICHIGAN	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$372,352

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2011	GRAND VALLEY STATE UNIVERSITY	MI	R03AI092155	ANALYSIS OF CANDIDA ALBICANS FILAMENTATION USING SILAC	\$57,464
2011	UNIVERSITY OF MICHIGAN	MI	K01AI091440	ESTIMATION OF HIV TRANSMISSION DYNAMICS USING GENETIC SEQUENCES OF VIRUS	\$130,279
2011	UNIVERSITY OF MICHIGAN	MI	R01AI090048	Chemoenzymatic studies of aminoglycoside-resistance enzymes towards new drugs	\$457,682
2011	HENRY FORD HEALTH SYSTEM	MI	K01AI070606	REGULATORY T CELLS IN GESTATION AND CHILDHOOD ALLERGIC DISEASE	\$113,020
2011	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$345,409
2011	UNIVERSITY OF MICHIGAN	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$331,034
2011	UNIVERSITY OF MICHIGAN	MI	U01AI069491	CLINICAL OUTCOMES OF LIVE ORGAN DONORS - DATA COORDINATING CENTER	\$207,069
2011	UNIVERSITY OF MICHIGAN	MI	R01AI078752	HIV RISK DYNAMICS, GENETIC PATTERNS, AND CONTROL	\$810,590
2011	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$366,545
2011	UNIVERSITY OF MICHIGAN	MI	R01AI065543	PGE2 REGULATION OF HOST DEFENSE POST-BMT	\$371,648
2011	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$712,955
2011	NANOVIR LLC	MI	R42AI068159	PRE-CLINICAL DEVELOPMENT OF A BROAD SPECTRUM ANTIVIRAL COMPOUND TO TREAT HUMAN PA	\$1,000,000
2011	TSRL, INC	MI	R43AI091216	NOVEL PRODRUGS FOR TREATMENT OF HUMAN CMV INFECTION	\$294,693
2011	UNIVERSITY OF MICHIGAN	MI	U19AI090871	Clostridium difficile Cooperative Research Center	\$1,534,169
2011	UNIVERSITY OF MICHIGAN	MI	K23AI091623	Phase II Trial of Vorinostat plus Tacrolimus and Mycophenolate to Prevent GVHD	\$131,045
2011	UNIVERSITY OF MICHIGAN	MI	R13AI096750	2011 MIDWEST MICROBIAL PATHOGENESIS CONFERENCE	\$11,000
2011	UNIVERSITY OF MICHIGAN	MI	R01AI094563	Sexual Modulation of HIV-Relevant Vaginal Immunity	\$362,570
2011	WAYNE STATE UNIVERSITY	MI	R56AI093622	MECHANISMS FOR CONTROL OF VIBRIO CHOLERAЕ VIRULENCE	\$361,233
2011	UNIVERSITY OF MICHIGAN	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$364,793
2011	MICHIGAN STATE UNIVERSITY	MI	R01AI034969	CLINICOPATHOLOGICAL CORRELATES OF CEREBRAL MALARIA	\$370,879
2011	UNIVERSITY OF MICHIGAN	MI	T32AI049816	INTERDISCIPLINARY TRAINING PROGRAM IN INFECTIOUS DISEASES	\$176,067
2011	UNIVERSITY OF MICHIGAN	MI	R01AI043363	MOLECULAR PATHOGENESIS OF E. COLI UTI	\$335,008

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2011	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$293,565
2011	UNIVERSITY OF MICHIGAN	MI	R01AI073847	ASSEMBLY OF CURLI FIBERS BY ESCHERICHIA COLI	\$348,232
2011	UNIVERSITY OF MICHIGAN	MI	R01AI069383	COLONIZATION AND PATHOGENICITY DETERMINANTS OF C. JEJUNI	\$366,017
2011	HENRY FORD HEALTH SYSTEM	MI	R21AI080066	RACIAL VARIATION IN FOOD ALLERGY: MECHANISMS AND RISK	\$219,000
2011	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	Determinants of Malaria Disease in Malawi	\$1,328,917
2011	UNIVERSITY OF MICHIGAN	MI	R01AI081062	ONTOLOGY-BASED INFORMATION NETWORK TO SUPPORT VACCINE RESEARCH	\$264,994
2011	UNIVERSITY OF MICHIGAN	MI	R03AI092318	EVALUATION OF AIL AS A PROTECTIVE IMMUNOGEN FOR PLAGUE	\$77,584
2011	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$323,237
2011	UNIVERSITY OF MICHIGAN	MI	R01AI073876	TLR AND NOTCH LIGAND IN RSV-INDUCED DISEASE	\$364,793
2011	UNIVERSITY OF MICHIGAN	MI	R01AI083334	Modulation of adenovirus pathogenesis by prostaglandin E2	\$377,876
2011	UNIVERSITY OF MICHIGAN	MI	K22AI081748	EXAMINATION OF STAPHYLOCOCCUS AUREUS INTERACTIONS WITH HEMOGLOBIN	\$108,000
2011	MICHIGAN STATE UNIVERSITY	MI	R21AI082141	MOLECULAR MECHANISM OF CYTOPLASMIC INCOMPATIBILITY IN MOSQUITOES	\$225,720
2011	UNIVERSITY OF MICHIGAN	MI	R01AI091721	Mechanisms of blood-brain barrier disruption by an encephalitic virus	\$532,916
2011	UNIVERSITY OF MICHIGAN	MI	R21AI093642	MARINE MICROBIAL PRODUCTS AS NOVEL AGENTS AGAINST NEUROTROPIC ARBOVIRUSES	\$194,375
2011	TSRL, INC	MI	R44AI081396	PRODRUGS OF NEURAMINIDASE INHIBITORS FOR INCREASED ORAL BIOAVAILABILITY	\$681,168
2011	UNIVERSITY OF MICHIGAN	MI	R01AI091627	Notch Signaling in Alloimmunity	\$382,600
2011	UNIVERSITY OF MICHIGAN	MI	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$373,775
2011	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$359,045
2011	UNIVERSITY OF MICHIGAN	MI	R01AI051192	MOLECULAR MECHANISMS OF HIV DISEASE PATHOGENESIS	\$365,362
2011	UNIVERSITY OF MICHIGAN	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$184,950
2011	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$297,950
2011	UNIVERSITY OF MICHIGAN	MI	R21AI086599	HIV INFECTION OF BONE MARROW PROGENITOR CELLS	\$153,945

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2011	GRAND VALLEY STATE UNIVERSITY	MI	R15AI094489	Structure-based discovery and design of novel class D beta-lactamase inhibitors	\$319,823
2011	UNIVERSITY OF MICHIGAN	MI	U01AI088671	International Collaborations in Infectious Disease Research (ICIDR) (U01)	\$693,276
2011	WAYNE STATE UNIVERSITY	MI	R21AI095520	Zebrafish as a natural host model for Vibrio cholerae	\$228,000
2011	UNIVERSITY OF MICHIGAN	MI	R21AI088543	CRYSTALLIZATION OF OUTER MEMBRANE PROTEINS FOR EXPORT OF POLYSACCHARIDE CAPSULE	\$226,590
2011	ONCOIMMUNE INC	MI	R43AI092874	NOVEL THERAPEUTICS FOR SEPSIS	\$155,180
2011	UNIVERSITY OF MICHIGAN	MI	R01AI049294	ORGANIZATION AND FUNCTION OF A TYPE II SECRETION COMPLEX	\$378,536
2011	UNIVERSITY OF MICHIGAN	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$372,037
2011	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$598,488
2011	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$372,438
2011	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$286,762
2011	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$356,380
2011	UNIVERSITY OF MICHIGAN	MI	R01AI089417	Novel Therapeutics for Neurotropic Alphaviruses	\$878,113
2011	UNIVERSITY OF MICHIGAN	MI	K08AI083785	CHARACTERIZATION OF A HOST HEPATOCYTE FACTOR THAT REGULATES HCV REPLICATION	\$132,300
2011	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	\$1,484,675
2011	UNIVERSITY OF MICHIGAN	MI	R21AI085179	TARGETING BACTERIAL VIRULENCE TRANSCRIPTION FACTORS, A NOVEL ANTIBIOTIC APPROACH	\$153,945
2011	UNIVERSITY OF MICHIGAN	MI	R21AI092024	MECHANISM OF SPORE GERMINATION	\$183,761
2011	MICHIGAN STATE UNIVERSITY	MI	R03AI090216	Deep sequence profiling of gRNA transcriptomes in two stages of Trypanosoma bruce	\$76,000
2011	UNIVERSITY OF MICHIGAN	MI	R01AI083642	Cellular and molecular mechanisms of NK cell suppression	\$349,125
2011	UNIVERSITY OF MICHIGAN	MI	R56AI091751	E. COLI VIRULENCE GENE EXPRESSION DURING CLINICAL UTIS IN WOMEN	\$0
2011	MICHIGAN STATE UNIVERSITY	MI	R56AI060761	MANIPULATION OF HOST IMMUNITY BY BACTERIAL EFFECTORS IN ARABIDOPSIS	\$374,485
2011	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$341,283
2011	UNIVERSITY OF MICHIGAN	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$339,531
2011	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$374,522
2011	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCS IN MODULATING DONOR NATURAL TREGS MEDIATED SUPPRESSION OF GVHD	\$364,469

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF MICHIGAN	MI	R01AI087128	DEK AND TNF INHIBITORS IN JUVENILE ARTHRITIS	\$378,564
2011	CALVIN COLLEGE	MI	R15AI096991	Roles of endothelial cells in HIV infection and latency in resting CD4+ T cells	\$306,211
2011	UNIVERSITY OF MICHIGAN	MI	R21AI095022	RECRUITMENT OF BST-2/TETHERIN TO HIV-1 ASSEMBLY SITES	\$188,665
2011	UNIVERSITY OF MICHIGAN	MI	R01AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$246,985
2011	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$378,564
2011	UNIVERSITY OF MICHIGAN	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$378,476
2011	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$468,150
2011	MICHIGAN STATE UNIVERSITY	MI	R01AI080597	ENDOSYMBIONT, ARBOVIRUS & MOSQUITO INTERACTIONS AND THE DISEASE CONTROL	\$366,981
2011	UNIVERSITY OF MICHIGAN	MI	R21AI090194	ROLE OF YERSINIA PESTIS AIL IN YOP DELIVERY AND PLAGUE	\$232,750
2011	UNIVERSITY OF MICHIGAN	MI	R21AI087869	THE ROLE OF THE MICROBIOME IN THE DEVELOPMENT/PREVENTION OF FOOD ALLERGIES	\$192,431
2011	MICHIGAN STATE UNIVERSITY	MI	R56AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$361,800
2011	WAYNE STATE UNIVERSITY	MI	R21AI092055	IMPACT OF DAPTOMYCIN DOSE EXPOSURE ON ENTEROCOCCI AND CHARACTERIZATION OF RESISTA	\$190,000
2011	UNIVERSITY OF MINNESOTA	MN	R01AI057440	POLARITY ESTABLISHMENT MECHANISMS IN CANDIDA ALBICANS	\$350,555
2011	UNIVERSITY OF MINNESOTA	MN	R01AI073685	GENETIC ASSOCIATION MAPPING OF MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$589,402
2011	UNIVERSITY OF MINNESOTA	MN	T32AI007313	Immunology Training Program	\$219,741
2011	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$197,258
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$336,353
2011	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$2,410,780
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI086922	MICROARRAY STUDIES TO DISCOVER NOVEL HOST DEFENSES IN SIV INFECTION	\$186,863
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$366,388
2011	MAYO CLINIC	MN	R01AI040384	REGULATION OF HIV-MEDIATED CD4 T CELL APOPTOSIS	\$355,748
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$135,646

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2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$333,430
2011	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,046,940
2011	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$1,049,588
2011	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$220,549
2011	MAYO CLINIC	MN	R01AI075262	ROLE OF B CELLS IN PATHOGENESIS OF COLLAGEN-INDUCED ARTHRITIS IN HUMANIZED MICE	\$259,164
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI083234	Anthrax Toxin Lethal Factor Inhibition Study	\$466,238
2011	UNIVERSITY OF MINNESOTA	MN	R33AI073167	STRUCTURAL STUDIES OF HUMAN APOBEC3G AND HIV VIF	\$348,863
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$373,725
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI085308	NOVEL HUMAN CELL LINES FOR THE STUDY OF PRIMARY IMMUNODEFICIENCIES	\$183,950
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI092220	MICRORNAS IN DENDRITIC CELL DIFFERENTIATION AND FUNCTION	\$220,890
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI066018	MODULAR SUBUNIT VACCINE FOR SALMONELLA	\$371,867
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	DEVELOPMENT OF PARATRANSGENIC TICKS FOR DISEASE CONTROL	\$454,595
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$332,990
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$575,761
2011	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$387,191
2011	UNIVERSITY OF MINNESOTA	MN	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	\$64,192
2011	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$351,277
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080928	BIODEGRADABLE NANOPARTICLES FOR TARGETED ANTIBIOTIC DELIVERY	\$373,398
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI091907	IDENTIFICATION OF INTESTINAL BACTERIA PROTECTIVE AGAINST C. DIFFICILE COLITIS	\$226,500
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI078951	Biomarker Screening of Essential Putative Glycoprotease Inhibitor	\$373,725
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075096	CENTROMERE STRUCTURE AND FUNCTION IN CANDIDA ALBICANS	\$561,148
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI079219	EOSINOPHIL PEROXIDASE IN ALLERGIC INFLAMMATION	\$445,766
2011	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$373,973

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2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI090732	IMPACT OF EXTRAORDINARILY LARGE NUMBERS OF SIV-SPECIFIC CD8 T CELLS ON VAGINAL TR	\$752,108
2011	MAYO CLINIC	MN	R01AI091594	The Electricidal Effect, a Novel Anti-Biofilm Strategy	\$394,250
2011	MAYO CLINIC	MN	R01AI089713	Pathophysiology of cholangiocyte responses to microbial pathogens	\$354,825
2011	MAYO CLINIC	MN	R37AI048793	Immunogenetic Mechanisms of Vaccine Response	\$536,084
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R33AI087098	CRYSTALLOGRAPHIC STUDIES OF RETROVIRAL INTEGRASES	\$377,500
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI072068	NOVEL REGULATORS OF T CELL MRNA DECAY	\$325,669
2011	MAYO CLINIC	MN	R01AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$487,845
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$373,725
2011	UNIVERSITY OF MINNESOTA	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$356,181
2011	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$213,449
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$362,527
2011	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$344,259
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080275	Pheromones and Titan Cell Production in Cryptococcus neoformans	\$365,036
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073366	STAPHYLOCOCCAL SUPERANTIGEN INTERACTIONS WITH VAGINAL EPITHELIUM	\$289,231
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081690	The Role of Plasmids in Rickettsia Biology	\$371,729
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$373,725
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI087466	HIV-1 HOST CELL FACTORS: A SATURATION SCREEN FOR HUMAN CHROMOSOMES 4, 6, 21 AND X	\$216,675
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$166,132
2011	MAYO CLINIC	MN	R01AI089714	Inflammatory cascades disrupt Treg function through epigenetic mechanisms	\$197,125
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI094676	Internet-based HIV Prevention for MSM in India	\$217,861
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	K24AI096925	Outcomes of Cryptococcal Meningitis in Uganda	\$203,540
2011	MAYO CLINIC	MN	R01AI065304	MUCOSAL REOVIRUS-ADENOVIRUS VACCINES AGAINST HIV-1	\$370,233

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2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$269,750
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$298,980
2011	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$354,182
2011	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$369,960
2011	MAYO CLINIC	MN	R01AI074320	CAML IN T CELL DEVELOPMENT AND FUNCTION	\$412,683
2011	MAYO CLINIC	MN	U01AI082120	OPTIMIZATION OF SMALL-MOLECULE INHIBITORS OF SHIGA AND RICIN TOXINS	\$702,538
2011	MAYO CLINIC	MN	R01AI081739	COMPETITIVE T LYMPHOCYTE RESPONSES TO MULTIPLE ANTIGENIC CHALLENGES	\$390,308
2011	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	\$1,722,067
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI088209	Cortical epithelial cells in the selection and maturation of CD8 T cells	\$365,623
2011	MAYO CLINIC	MN	R21AI093944	THE ROLE FOR NKAP IN INKT CELL DEVELOPMENT	\$236,550
2011	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$373,430
2011	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$333,210
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$318,498
2011	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	UM1AI068641	International Network for Strategic Initiatives in Global HIV Trials (INSIGHT)	\$11,607,356
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$357,989
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI091298	DEFINING THE PROTECTIVE CD4+ T CELL RESPONSES TO SALMONELLA TYPHIMURIUM	\$46,800
2011	MAYO CLINIC	MN	R21AI093186	SMALL ANIMAL MODEL FOR XMRV INFECTION	\$197,125
2011	PHOTOBIOLOGIX INC	MN	R43AI094706	ANTIMICROBIAL PHOTOTHERAPY OF ANTIBIOTIC RESISTANT CHRONIC SINUSITIS	\$99,474
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$377,500
2011	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,470,840
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$324,494
2011	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	K23AI073192	IMMUNE RECONSTITUTION SYNDROME IN HIV INFECTED PERSONS IN RESOURCE-LIMITED AREAS	\$132,624
2011	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI091033	INVESTIGATING THE FUNCTIONAL DEVELOPMENT OF MEMORY B CELLS	\$42,772

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2011	MAYO CLINIC	MN	U01AI089859	Bioinformatics Approach to Influenza A/H1N1 Vaccine Immune Profiling	\$6,450,971
2011	MAYO CLINIC	MN	U01AI096326	Intragraft expression to Predict Future GFR Decline in Kidney Transplantation	\$853,920
2011	UNIVERSITY OF MINNESOTA	MN	R01AI093319	Antifibrotic Therapy to Improve Immune reconstitution in HIV	\$781,254
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$292,295
2011	WASHINGTON UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$364,622
2011	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$742,786
2011	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$748,199
2011	WASHINGTON UNIVERSITY	MO	R01AI046553	MRI BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$376,200
2011	WASHINGTON UNIVERSITY	MO	R37AI034385	ACTIVATION RECEPTORS ON NK CELLS	\$255,752
2011	WASHINGTON UNIVERSITY	MO	U01AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,435,641
2011	WASHINGTON UNIVERSITY	MO	U01AI077955	SAFE ANTIBODY PROPHYLAXIS AND THERAPY AGAINST DENGUE VIRUS	\$850,625
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$360,455
2011	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$531,716
2011	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2011	WASHINGTON UNIVERSITY	MO	R01AI077600	BACTERIAL CAPTURE AND ANTIGEN PRESENTATION IN SPLEEN	\$372,438
2011	WASHINGTON UNIVERSITY	MO	U01AI095542	Mucosal Immune Defense Mechanisms of the Urinary Bladder	\$361,000
2011	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	\$2,621,807
2011	WASHINGTON UNIVERSITY	MO	R21AI076737	A NOVEL GLYCAN SYNTHETIC ACTIVITY IN CRYPTOCOCCUS NEOFORMANS	\$188,100
2011	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R01AI083803	Biophysics of Drug Interactions with Viral Episomes	\$361,117
2011	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeutics for Chikungunya Virus	\$863,223
2011	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$340,340
2011	WASHINGTON UNIVERSITY	MO	R01AI041592	C3, CR1, CRRY: INTERACTIONS, HOMEOSTASIS AND TRANSLATIONAL IMPLICATIONS	\$372,438
2011	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$277,859
2011	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$376,200
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI080870	HuR in Allergic Asthma and T Cell Differentiation	\$356,295
2011	WASHINGTON UNIVERSITY	MO	K08AI079010	TARGETING ISOPRENOID BIOSYNTHESIS IN PLASMODIUM FALCIPARUM	\$108,662
2011	WASHINGTON UNIVERSITY	MO	K23AI065806	C. DIFFICILE DISEASE IN STEM CELL TRANSPLANT RECIPIENTS	\$124,462

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2011	WASHINGTON UNIVERSITY	MO	R21AI088337	NOVEL TRANSPOSONS AND PLASTICITY ZONES OF HELICOBACTER PYLORI	\$188,100
2011	WASHINGTON UNIVERSITY	MO	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$361,151
2011	WASHINGTON UNIVERSITY	MO	R21AI090199	EPIDEMIOLOGY OF NOVEL HUMAN ASTROVIRUSES	\$168,379
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI087899	C. TRACHOMATIS INCREASES TRANSMISSION OF HIV: MECHANISMS IN THE ENDOCERVIX	\$181,977
2011	WASHINGTON UNIVERSITY	MO	R01AI089870	MECHANISMS OF NATURAL KILLER CELL TOLERANCE	\$380,000
2011	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI087304	Prevention of HIV/AIDS by Stimuli-Sensitive Nanomedicine for Microbicide Delivery	\$357,534
2011	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$292,290
2011	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$672,919
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076395	MECHANISMS BY WHICH B CELL DEPLETION INHIBITS AUTOIMMUNE DISEASES	\$366,312
2011	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$372,438
2011	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$372,438
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI088363	NOVEL MODULATION OF DENDRITIC CELL RESPONSE AGAINST A CHRONIC VIRUS INFECTION	\$177,284
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	K08AI083744	OSPC MEDIATED EVASION OF THE INNATE IMMUNE RESPONSE BY BORRELIA BURGDORFERI	\$115,840
2011	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$308,241
2011	WASHINGTON UNIVERSITY	MO	R01AI084887	SUSCEPTIBILITY GENE-VIRUS INTERACTIONS IN INFLAMMATORY BOWEL DISEASE	\$376,200
2011	WASHINGTON UNIVERSITY	MO	K99AI093860	LOCALIZED VIRULENCE FACTOR ASSEMBLY IN ENTEROCOCCUS FAECALIS: COORDINATION AND TA	\$90,000
2011	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$786,656
2011	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$380,000
2011	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$374,986

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2011	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$408,306
2011	WASHINGTON UNIVERSITY	MO	R01AI073155	TARGETING THE ACTIN CYTOSKELETON IN PARASITES	\$342,820
2011	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$372,438
2011	WASHINGTON UNIVERSITY	MO	K08AI085030	Mechanisms of Innate Immune Memory	\$120,061
2011	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$372,438
2011	WASHINGTON UNIVERSITY	MO	K08AI081751	INTEGRATION OF T CELL RECEPTOR AND CHEMOKINE SIGNALING IN THYMOCYTES	\$114,196
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091797	Control of influenza virus by sphingolipid metabolism	\$363,840
2011	SAINT LOUIS UNIVERSITY	MO	R21AI090223	VIRUS-ENCODED COSTIMULATION MOLECULES TO IMPROVE HSV-2 VACCINE EFFICACY	\$219,038
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI088239	Development of O Antigen-based Vaccines Against Q Fever	\$373,359
2011	SAINT LOUIS UNIVERSITY	MO	R01AI081887	Development of a vaccine for prevention of Haemophilus influenzae otitis media	\$300,000
2011	WASHINGTON UNIVERSITY	MO	R01AI069390	MECHANISMS OF ACTION FOR COLONY-STIMULATING-FACTORS IN IBD	\$365,362
2011	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$338,580
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$375,475
2011	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$157,500
2011	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$405,717
2011	WASHINGTON UNIVERSITY	MO	R37AI024157	T CELL RECOGNITION OF ANTIGEN	\$385,474
2011	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$328,826
2011	WASHINGTON UNIVERSITY	MO	R01AI079187	THE ROLE OF REGULATORY T CELL DEVELOPMENT IN THE PREVENTION OF AUTOIMMUNITY	\$372,438
2011	WASHINGTON UNIVERSITY	MO	K08AI083746	MUCOSAL IMMUNE CHECKPOINTS IN CHRONIC BACTERIAL CYSTITIS	\$121,369
2011	WASHINGTON UNIVERSITY	MO	R01AI078795	CRYPTOCOCCAL INTERACTIONS WITH HOST CELLS	\$372,438
2011	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$372,438
2011	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF INFLUENZA VIRUS INFECTION BY ISG15	\$335,195

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2011	SAINT LOUIS UNIVERSITY	MO	R21AI085206	AN ANTIVIRAL FUNCTION OF CELLULAR PRP IDENTIFIED USING HSV-1 ICP34.5 MUTANT VIRUS	\$178,286
2011	MONSANTO COMPANY	MO	R43AI085744	FACILE DETECTION OF SOIL-TRANSMITTED HELMINTH INFECTIONS	\$300,000
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI091588	Parvovirus-Cell Interactions	\$299,524
2011	WASHINGTON UNIVERSITY	MO	R21AI093175	CELLULAR RESTRICTIVE FACTOR TARGETED BY VIRAL PROTEIN X	\$190,000
2011	WASHINGTON UNIVERSITY	MO	R21AI095922	ESTABLISHMENT OF A REPLICATION SYSTEM FOR WU POLYOMAVIRUS	\$244,000
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$432,990
2011	WASHINGTON UNIVERSITY	MO	R01AI024742	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	\$487,991
2011	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$376,200
2011	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$411,586
2011	WASHINGTON UNIVERSITY	MO	R01AI047829	THE V(D)J RECOMBINATION REACTION AND ITS IMPACT ON LYMPHOCYTE DEVELOPMENT	\$376,200
2011	DONALD DANFORTH PLANT SCIENCE CENTER	MO	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$304,628
2011	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,189,398
2011	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$372,438
2011	WASHINGTON UNIVERSITY	MO	K23AI091690	TRANSMISSION DYNAMICS OF CA-MRSA AMONG HOUSEHOLD MEMBERS AND THE HOME ENVIRONMENT	\$126,506
2011	WASHINGTON UNIVERSITY	MO	F32AI096853	CHARACTERIZATION OF ESSENTIAL RHOPTRY KINASES OF TOXOPLASMA GONDII	\$48,398
2011	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$613,577
2011	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	STRUCTURE FUNCTION ANALYSIS OF STAPHYLOCOCCAL COMPLEMENT INHIBITORS	\$300,401
2011	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$365,087
2011	WASHINGTON UNIVERSITY	MO	R01AI049950	STRUCTURE OF PROTEINS INVOLVED IN BACTERIAL PATHOGENESIS	\$311,172
2011	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$353,343
2011	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$255,752
2011	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$255,752

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	WASHINGTON UNIVERSITY	MO	R01AI049261	ROLE OF DPPI & SERINE PROTEASES IN INFLAMMATORY DISEASES	\$372,438
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$322,656
2011	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$338,580
2011	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,571,170
2011	WASHINGTON UNIVERSITY	MO	R01AI082423	TARGETING ESSENTIAL ROP KINASES IN TOXOPLASMA	\$430,219
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI094715	STRUCTURE-BASED EXPANSION OF NEUTRALIZATION ABILITY OF KD-247, AN ANTI-V3 MAB	\$187,481
2011	SAINT LOUIS UNIVERSITY	MO	R01AI087764	Exploiting dual-TCR for rescue of CD8 T cell tolerance in adoptive immunotherapy	\$365,063
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074857	THYROID EPITHELIAL CELL HYPERPLASIA: MECHANISMS OF INDUCTION	\$358,647
2011	WASHINGTON UNIVERSITY	MO	R01AI087794	CAPSULE REGULATION AND VIRULENCE IN CRYPTOCOCCUS NEOFORMANS	\$380,000
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	F32AI085627	BIOACTIVITY OF APTAMERS TARGETED TO HIV REVERSE TRANSCRIPTASE	\$51,326
2011	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI087448	MECHANISTIC STUDIES OF AN UNEXPECTED HIV-1 VPU FUNCTION	\$187,481
2011	WASHINGTON UNIVERSITY	MO	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$105,557
2011	WASHINGTON UNIVERSITY	MO	U01AI095550	Lamina Propria Antigen Acquisition Pathways and Outcomes	\$323,000
2011	WASHINGTON UNIVERSITY	MO	R01AI089805	PIP3-INDEPENDENT REGULATION OF AKT1 ACTIVITY IN T CELLS	\$380,000
2011	UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	R15AI092404	ENVIRONMENTAL FILTERS AND MEDICALLY IMPORTANT CONTAINER MOSQUITOES	\$439,500
2011	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$384,375
2011	UNIVERSITY OF MISSISSIPPI	MS	F32AI083157	BIOSYNTHETIC ROUTES TO DRUG DEVELOPMENT FOR AIDS OL MTB	\$51,326
2011	MONTANA STATE UNIVERSITY	MT	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$349,161
2011	MONTANA STATE UNIVERSITY	MT	K22AI091647	DEFINING THE ROLE OF MAST CELLS DURING INFLUENZA A VIRUS INFECTION	\$162,000
2011	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$346,710
2011	PROMILIAD BIOPHARMA INC	MT	R42AI065143	POTENT ANTIFOLATES AS NEW THERAPEUTICS FOR MRSA	\$763,661
2011	UNIVERSITY OF MONTANA	MT	R21AI088131	LOW TEMPERATURE SURVIVAL OF BORRELIA BURGDORFERI IN OVERWINTERING TICKS	\$175,106

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2011	MONTANA STATE UNIVERSITY	MT	R21AI094268	Role of IbpA in maintaining viability of P. aeruginosa biofilm persister cells	\$213,750
2011	MONTANA STATE UNIVERSITY	MT	R01AI093372	"Subunit Vaccines for Brucella Pathogens"	\$515,532
2011	MONTANA STATE UNIVERSITY	MT	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$349,161
2011	MONTANA STATE UNIVERSITY	MT	R01AI081838	Hypoxia Adaptation and Fungal Virulence of Aspergillus fumigatus	\$310,080
2011	MONTANA STATE UNIVERSITY	MT	R01AI090046	Role of the Staphylococcus aureus SaeR/S Regulatory System in Neutrophil Evasion	\$335,417
2011	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$312,039
2011	MONTANA STATE UNIVERSITY	MT	R01AI081961	MAPPING ADENO-ASSOCIATED VIRUS CAPSID STRUCTURAL AND DYNAMIC TRANSITIONS	\$345,648
2011	UNIVERSITY OF MONTANA	MT	K22AI079008	HCMV GLYCOPROTEINS THAT MEDIATE CELL-TYPE SPECIFIC ENTRY	\$108,000
2011	MONTANA STATE UNIVERSITY	MT	R21AI088041	THE ROLE OF SAER/S DURING STAPHYLOCOCCUS AUREUS SKIN INFECTIONS	\$213,750
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$326,374
2011	NORTH CAROLINA CENTRAL UNIVERSITY	NC	R01AI038910	REGULATION OF CHEMOKINE MEDIATED LEUKOCYTE FUNCTIONS	\$322,420
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$457,050
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$511,419
2011	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$2,127,945
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078924	STRUCTURE AND INHIBITION OF THE CONJUGATIVE DNA RELAXASE-HELICASE	\$355,517
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079226	THE MOVEMENT OF INFLUENZA VIRUS IN HUMAN POPULATION	\$656,707
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI085830	EVALUATING THE PROGRESSION OF PNEUMONIC PLAGUE	\$51,326
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$366,300
2011	DUKE UNIVERSITY	NC	R01AI088009	IMPLEMENTATION SCIENCE TO OPTIMIZE MALARIA VECTOR CONTROL AND DISEASE MANAGEMENT	\$550,365
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI093156	Optimizing Antiretroviral Use in Aging: Pharmacokinetics, Response, and Toxicity	\$108,119
2011	DUKE UNIVERSITY	NC	R01AI088100	A role of osteopontin in innate immunity against fungal infection	\$390,113
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI064363	TREG MIGRATION IN GVHD	\$420,446

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2011	DUKE UNIVERSITY	NC	R56AI067968	ROLE AND MECHANISM OF ACTION OF GAMMA HERPESVIRUS MICRORNAS	\$392,500
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI049427	ADHESION JUNCTION REGULATION IN NORMAL AND DISEASED SKIN	\$350,940
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$360,245
2011	DUKE UNIVERSITY	NC	R01AI052201	INNATE IMMUNE MECHANISMS IN NON-INFECTIOUS LUNG INFLAMMATION	\$382,239
2011	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$382,239
2011	DUKE UNIVERSITY	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$381,372
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$182,140
2011	DUKE UNIVERSITY	NC	K08AI068822	THE IN VIVO ROLE OF SURFACTANT PROTEIN A IN ALLERGIC LUNG DISEASE	\$117,692
2011	DUKE UNIVERSITY	NC	U01AI082107	DEVELOPMENT OF EFFICACIOUS AND STABLE NASAL VACCINE FORMULATIONS	\$794,620
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083059	Acute HIV infection - A key link for transmission prevention	\$962,220
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088158	POLYAMINES IN STAPHYLOCOCCUS AUREUS PHYSIOLOGY AND PATHOGENESIS	\$183,150
2011	DUKE UNIVERSITY	NC	R21AI085401	DEVELOPMENT OF ANTI-ASPERGILLUS SINGLE CHAIN ABS AS SERUM AND IMAGING DIAGNOSTICS	\$219,416
2011	ALDERON BIOSCIENCES INC	NC	R44AI064045	ELECTROCHEMICAL RT ACTIVITY ASSAY FOR MEASURING HIV LOAD	\$470,619
2011	DUKE UNIVERSITY	NC	R01AI093257	Evolution of Cryptococcus neoformans strains from patients with HIV/AIDS	\$491,599
2011	DUKE UNIVERSITY	NC	R37AI039115	Genetics of Cryptococcus sexual reproduction	\$454,856
2011	DUKE UNIVERSITY	NC	R21AI094014	COMBINED PEANUT ORAL IMMUNOTHERAPY AND ANTI-IGE: MECHANISTIC STUDIES	\$235,500
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI093613	The Role of Lactate in the Metabolic Evolution of Staphylococcus aureus	\$327,483
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$315,837
2011	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$638,020
2011	DUKE UNIVERSITY	NC	R01AI073947	REGULATION OF THYMOCYTE MATURATION AND MATURE T LYMPHOCYTE HOMEOSTASIS BY C-FLIP	\$382,239
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$1,547,479
2011	DUKE UNIVERSITY	NC	R01AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$359,978

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2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI077355	SEX, AGING AND ANTIRETROVIRAL PHARMACOLOGY	\$132,230
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI032983	CELLULAR INTERACTIONS OF VIRAL MATRIX PROTEIN	\$290,110
2011	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$161,021
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$324,795
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$463,312
2011	DUKE UNIVERSITY	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$6,390,755
2011	DUKE UNIVERSITY	NC	R01AI080488	MECHANISMS OF LATE EFFECTS OF EXPOSURE TO RADIATION	\$382,239
2011	DUKE UNIVERSITY	NC	R01AI079088	Regulating peripheral T cell tolerance	\$382,239
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$414,595
2011	DUKE UNIVERSITY	NC	R21AI085238	GENETIC ANALYSIS IN CHLAMYDIA	\$193,050
2011	DUKE UNIVERSITY	NC	P01AI081672	SP-A as an immune modulator	\$1,692,145
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI082319	MOLECULAR MECHANISMS OF CAMPYLOBACTER JEJUNI-INDUCED PATHOGENESIS	\$224,679
2011	DUKE UNIVERSITY	NC	K08AI082283	VENEZUELAN EQUINE ENCEPHALITIS IMMUNOLOGY AND VACCINE DESIGN	\$125,577
2011	DUKE UNIVERSITY	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$844,425
2011	DUKE UNIVERSITY	NC	K24AI093969	Mentoring Patient Oriented Research in Antibiotic-Resistant Bacteria	\$141,154
2011	DUKE UNIVERSITY	NC	R21AI088327	INFLUENZA VIRUS SMALL RNAS	\$193,050
2011	DUKE UNIVERSITY	NC	R21AI095723	MYCOBACTERIAL GENES RESPONSIBLE FOR REGULATING AUTOPHAGY	\$235,500
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI095690	Micro-RNA 122 and Chronic Hepatitis C	\$368,389
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI079240	Innate Immunity in Bullous Pemphigoid	\$366,300
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI096138	Next Generation Pre-exposure Prophylaxis	\$732,433
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095052	A Phase II/II Investigation of the Effect of Vorinostat (VOR) in HIV Infection	\$565,455
2011	AGILE SCIENCES INC	NC	R41AI098192	ANTI-BIOFILM AGENTS FOR TREATING PULMONARY INFECTION IN CYSTIC FIBROSIS PATIENTS	\$428,163
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	\$370,000

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2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077417	MODIFIED TRITERPINES AS POTENT HIV FUSION INHIBITORS	\$451,483
2011	DUKE UNIVERSITY	NC	R01AI050128	RAS SIGNALING IN C. NEOFORMANS VIRULENCE AND DEVELOPMENT	\$305,791
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$362,637
2011	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$316,316
2011	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$280,448
2011	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$316,451
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI074445	T REGULATORY CELL SUPPRESSION OF CD8+ CELL RESPONSES DURING FIV INFECTION	\$122,850
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI080288	AIDS LENTIVIRUS-INDUCED TGF-BETA+ TREG CELLS MEDIATE T CELL IMMUNE DYSFUNCTION	\$365,087
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI095031	Preventing HIV Infection in Women: Targeting Antiretrovirals to Mucosal Tissues	\$731,273
2011	NOVAN INC	NC	R44AI074098	NITRIC OXIDE-RELEASING WOUND DRESSING FOR PREVENTING CHRONIC WOUND INFECTIONS	\$991,948
2011	DUKE UNIVERSITY	NC	R01AI093717	Phospholipase D proteins in immunoreceptor-mediated signaling	\$385,763
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R13AI085900	MID-ATLANTIC MICROBIAL PATHOGENESIS MEETING	\$15,000
2011	DUKE UNIVERSITY	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$386,100
2011	AGILE SCIENCES INC	NC	R41AI092952	DEVELOPMENT OF NOVEL ANTI-BIOFILM COMPOUNDS FOR TREATING CHRONIC WOUNDS	\$300,000
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI083253	Paramyxovirus Activation and Inhibition of Complement Pathways	\$382,000
2011	RESEARCH TRIANGLE INSTITUTE	NC	R01AI091882	INHALED CAPRAZAMYCIN FOR TUBERCULOSIS THERAPY	\$266,824
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI083333	Reovirus Modulation of the Cardiac Innate Response: Type I Interferon and HSP25	\$361,720
2011	DUKE UNIVERSITY	NC	R01AI074677	Coordinated Regulation of Virulence Genes in C. neoformans	\$382,103
2011	DUKE UNIVERSITY	NC	K02AI093866	Independent Scientist Award for Radiation Research	\$100,562
2011	DUKE UNIVERSITY	NC	K23AI096913	Moving Towards More Individualized Therapies in HIV/HCV Co-infected Patients	\$88,700
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI096728	INTER-BACTERIAL COMPETITION SYSTEMS IN BURKHOLDERIA PSEUDOMALLEI	\$48,398

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2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI090507	DIFFUSION OF VIRUSES ACROSS HUMAN AIRWAY MUCUS AND TRAPPING BY ANTIBODIES	\$183,473
2011	DUKE UNIVERSITY	NC	R56AI091878	HARNESSING MICRORNAS WITHIN MIR-17-92 CLUSTER FOR AUTOIMMUNE INTERVENTION	\$383,736
2011	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$711,577
2011	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$387,642
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$162,811
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$290,110
2011	GLOBAL VACCINES INC	NC	U01AI078060	A TETRAVALENT DENGUE VACCINE BASED ON ALPHAVIRUS REPLICONS	\$1,379,658
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$130,842
2011	DUKE UNIVERSITY	NC	R13AI084562	2013 Infectious Diseases in Africa: Measurement of Immune Responses	\$1
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$307,342
2011	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$3,592,095
2011	DUKE UNIVERSITY	NC	R01AI081694	Chlamydia Effector Proteins	\$433,703
2011	ADVANCED LIQUID LOGIC INC	NC	R44AI065169	NANODROPLET PCR LAB-CHIP FOR CLINICAL PATHOGEN DETECTION	\$977,874
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082298	VIRAL ADAPTATION TO HOST SELENIUM STATUS	\$366,300
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI082129	TOLL-LIKE RECEPTORS AND HOST RESPONSE TO VIBRIO VULNIFICUS, AN EMERGING PATHOGEN	\$73,260
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI089050	FUNCTIONALLY SELECTIVE RECA INHIBITORS TO PROBE BACTERIAL GENETIC RECOMBINATION	\$48,398
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI085545	A FUNCTIONAL STUDY OF UBIQUITIN C-TERMINAL HYDROLASE L1 EXPRESSION IN B-LYMPHOMA	\$73,260
2011	GALAXY DIAGNOSTICS INC	NC	R43AI088823	OPTIMIZED GROWTH MEDIA TO DETECT INTRACELLULAR BACTERIA IMPLICATED IN CHRONIC DIS	\$188,898
2011	DUKE UNIVERSITY	NC	R56AI093960	NUCLEIC ACID BINDING POLYMERS AS ANTI-INFLAMMATORY AGENTS	\$392,500

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2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$326,374
2011	DUKE UNIVERSITY	NC	U01AI069484	HIV/AIDS CLINICAL TRIALS UNIT	\$2,967,648
2011	DUKE UNIVERSITY	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$569,398
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R37AI031789	STATISTICAL METHODS FOR AIDS CLINICAL TRIALS	\$359,001
2011	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$195,677
2011	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$317,174
2011	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$46,623,214
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$206,161
2011	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$4,464,493
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077454	TREG IN HIV-1 REPLICATION AND PATHOGENESIS	\$361,058
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI069116	CYCLIC AMP SIGNALING IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$324,257
2011	DUKE UNIVERSITY	NC	R01AI076357	A MURINE MODEL OF CHRONIC AUTOIMMUNE HEPATITIS AND LIVER FIBROSIS	\$305,791
2011	DUKE UNIVERSITY	NC	K01AI083782	MATHEMATICAL MODELING IN CLINICAL TRIALS OF TUBERCULOSIS THERAPEUTICS	\$125,073
2011	DUKE UNIVERSITY	NC	R01AI074944	AUTOPHAGY IN T LYMPHOCYTE FUNCTION	\$382,239
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$501,393
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079144	Epigenetics of Severe Systemic Inflammation	\$455,725
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$366,300
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI094941	ROLE OF NLRX1 IN DENGUE VIRUS INFECTION	\$48,398
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI092228	NOVEL ANTI-ALLERGIC SINGLE-DOMAIN ANTIBODY AGAINST IGE	\$219,402
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$363,116
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI095800	REGULATION OF PROTECTIVE HUMORAL IMMUNITY TO STREPTOCOCCUS PNEUMONIAE BY PD-1	\$222,000
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	\$28,810
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$362,203
2011	APPALACHIAN STATE UNIVERSITY	NC	R15AI096358	Polyamine-dependent regulation of Vibrio cholerae biofilm formation	\$395,561

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	NOVAN INC	NC	R43AI096569	NITRIC OXIDE-RELEASING INTRANASAL GEL TO DECOLONIZE BIOFILM-EMBEDDED S. AUREUS	\$300,000
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$110,402
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067641	IMMUNE EVASION MECHANISMS OF NEUROVIRULENT ALPHAVIRUSES	\$286,000
2011	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$382,239
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$487,620
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$358,458
2011	DUKE UNIVERSITY	NC	R01AI055588	STRUCTURAL AND BIOCHEMICAL STUDIES OF LPXC INHIBITION	\$382,239
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$442,143
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$7,344,820
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054540	PROTEIN SECRETION PATHWAYS OF MYCOBACTERIUM TUBERCULOSIS	\$324,501
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$324,742
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$448,878
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,638,879
2011	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$317,783
2011	DUKE UNIVERSITY	NC	K24AI072522	MID-CAREER INVESTIGATOR AWARD: PREVENTING AND DIAGNOSING FUNGAL DISEASE	\$120,302
2011	DUKE UNIVERSITY	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$374,977
2011	DUKE UNIVERSITY	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$574,080
2011	ELIZABETH CITY STATE UNIVERSITY	NC	SC2AI083926	SYNTHESIS OF CARBOCYCLIC FORMYCIN ANALOGUES AS ANTIVIRAL AGENTS	\$127,071
2011	DUKE UNIVERSITY	NC	K08AI087992	SIV-SPECIFIC IMMUNITY IN BREAST MILK DURING INFECTION AND AFTER VACCINATION	\$132,300
2011	DUKE UNIVERSITY	NC	R33AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$380,700
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088628	GENETIC FACTORS IN IGE-MEDIATED FOOD ALLERGIES	\$183,150

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	DUKE UNIVERSITY	NC	R01AI081579	B-CELL TOLERANCE AND HUMORAL IMMUNITY TO HIV-1	\$386,100
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083269	Age-Dependent Thymic Events and the Development of Autoimmune T Cells in NOD Mice	\$363,569
2011	GLOBAL VACCINES INC	NC	R01AI088250	Role of innate immune responses in the activity of an Alphavirus based adjuvant.	\$385,121
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096268	First Transcriptome to the Tick Olfactory System	\$236,083
2011	DUKE UNIVERSITY	NC	R21AI090434	EFFECTS OF MYCOBACTERIAL INFECTIONS INDUCED CELL DEATH ON HOST IMMUNE RESPONSE	\$235,500
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI093154	CONTACT DEPENDENT GROWTH INHIBITION IN BURKHOLDERIA PSEUDOMALLEI	\$222,000
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI085923	ROLE OF YAPG AUTOTRANSPORTER PROCESSING IN PLAGUE PATHOGENESIS	\$54,734
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI093242	TRAPPING HIV IN MUCUS WITH IGG ANTIBODIES	\$183,473
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088081	HEME SCAVENGING AND UPTAKE BY HAEMOPHILUS DUCREYI	\$183,150
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI096015	CIRCUMVENTING TETRACYCLINE RESISTANCE MECHANISMS WITH DOXYCYCLINE-CONJUGATED GOLD N	\$191,062
2011	EAST CAROLINA UNIVERSITY	NC	R13AI094913	BRUCELLOSIS 2011 INTERNATIONAL RESEARCH CONFERENCE	\$11,000
2011	G1 THERAPEUTICS INC	NC	R44AI084284	ORGANISMAL RADIOPROTECTION THROUGH PHARMACOLOGICAL QUIESCENCE	\$1,000,000
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI070984	THE ROLE OF DENDRITIC CELLS AND MACROPHAGES IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$360,582
2011	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$344,016
2011	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$386,100
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI069423	UNIVERSITY OF NORTH CAROLINA AIDS CLINICAL TRIALS UNIT (UNC ACTU)	\$4,779,318
2011	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$279,789
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$2,649,057
2011	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI075081	BORDETELLA BIOFILMS AND PATHOGENESIS	\$362,637
2011	DUKE UNIVERSITY	NC	R01AI074754	BCI-2 FAMILY IN T LYMPHOCYTE HOMEOSTASIS	\$382,239
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080432	HIV-1 REPLICATION AND PATHOGENESIS IN VIVO	\$366,300
2011	DUKE UNIVERSITY	NC	R21AI085331	SEXUAL REPRODUCTION AND VIRULENCE OF ZYGOMYCETE FUNGI	\$193,050

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	\$326,734
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI096937	TOWARDS THERAPY-INDUCED LETHAL HIV MUTAGENESIS	\$235,215
2011	DUKE UNIVERSITY	NC	R01AI094475	LpxC inhibitors as a novel class of antibiotics against N. gonorrhoeae	\$842,898
2011	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI096113	Martin Delaney Collaboratory to Eradicate HIV-1 Infection	\$6,380,150
2011	DUKE UNIVERSITY	NC	K23AI095357	Clinical and Molecular Epidemiology of Multidrug-Resistant Organisms in a Communi	\$128,817
2011	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI091980	Improving Robustness of a Tactical Model of Aedes/Dengue Dynamics	\$346,867
2011	ALTRAVAX INC	ND	R43AI091342	IMPROVED VACCINES FOR INFLUENZA B VIRUS	\$300,000
2011	ALTRAVAX INC	ND	R43AI089391	DESIGNING IMPROVED HIV-1 ENVELOPE PROTEINS AS VACCINE CANDIDATES	\$299,314
2011	UNIVERSITY OF NORTH DAKOTA	ND	K22AI093671	ROLE OF BORRELIA BURGDORFERI REV FIBRONECTIN BINDING PROTEINS IN LYME DISEASE	\$162,000
2011	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI089403	TEMPORAL AND SPATIAL EXPRESSION OF REGULATORS AFFECTING ESCHERICHIA COLI BIOFILM	\$358,750
2011	UNIVERSITY OF NORTH DAKOTA	ND	R03AI092306	MELATONIN: PACEMAKER FOR NOCTURNAL PERIODICITY OF MICROFILARIAL PARASITES	\$69,000
2011	ALTRAVAX INC	ND	R43AI087540	VLP-BASED ANTIBODY-INDUCING VACCINES FOR HIV-1	\$299,928
2011	UNIVERSITY OF NORTH DAKOTA	ND	R15AI092622	Zoonotic cycle and transmission dynamics of Neorickettsia	\$414,000
2011	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI072719	Elucidating the Mechanism of Heme Transport across the Outer Membrane of Gram-neg	\$416,263
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$291,090
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$291,090
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI075167	Estrogen Receptor a Regulation of Lupus Development and Pathogenesis	\$393,473
2011	UNIVERSITY OF NEBRASKA LINCOLN	NE	K22AI080941	BAF: AN INTRINSIC HOST DEFENSE RESPONSIVE TO FOREIGN DNA	\$108,000
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI094012	ARE IL-18 RECEPTOR-BEARING CD8 T CELLS PATHOGENIC IN HUMAN TYPE 1 DIABETES?	\$371,250
2011	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$262,279

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2011	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI087668	CITRIC ACID CYCLE REGULATION OF EXOPOLYSACCHARIDE SYNTHESIS IN STAPHYLOCOCCI	\$350,759
2011	PROMMUNE INC	NE	R41AI094710	RESPONSE-SELECTIVE C5A AGONIST FOR THE TREATMENT OF ASTHMA	\$281,504
2011	CREIGHTON UNIVERSITY	NE	R56AI091748	DEFINING THE ROLE OF A NOVEL E3 UBIQUITIN LIGASE IN V(D)J RECOMBINATION	\$361,250
2011	CREIGHTON UNIVERSITY	NE	R56AI095115	ONCE MONTHLY ANTIRETROVIRAL NANOPARTICLES FOR HIV-1 TREATMENT	\$410,913
2011	CREIGHTON UNIVERSITY	NE	R01AI075315	TGF-BETA, CHLORIDE CHANNELS AND MIGRATION OF EOSINOPHILS	\$351,611
2011	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R01AI069146	SUPPRESSION OF INNATE IMMUNITY BY AN ADP-RIBOSYLTRANSFERASE TYPE III EFFECTOR	\$355,714
2011	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI090438	VACCINE STRATEGIES THAT TARGET CYTOLIC CD4 T CELLS TO THE LUNG.	\$216,873
2011	CREIGHTON UNIVERSITY	NE	R01AI080348	A Proteomic and Biochemical Study of HIV-1 Nucleoprotein Complexes	\$358,636
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI038901	THE MOLECULAR CONTROL OF BACTERIAL AUTOLYSIS	\$360,187
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,947,851
2011	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI081830	5' END GENOMIC DELETIONS AND ENTEROVIRUS PERSISTENCE	\$294,030
2011	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI087561	ESSENTIALITY OF MYCOBACTERIUM TUBERCULOSIS D-ALANINE RACEMASE	\$178,354
2011	CREIGHTON UNIVERSITY	NE	U01AI095532	Epithelial exosomes and TLR-mediated mucosal defense	\$288,909
2011	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$220,112
2011	DARTMOUTH COLLEGE	NH	R21AI090578	PHYSIOLOGICAL VS. PHARMACOLOGICAL EFFECTS OF GLUCOCORTICOIDS ON HUMAN MONOCYTES.	\$276,500
2011	IMMURX INC	NH	R43AI096682	VISTA: A NOVEL THERAPEUTIC TARGET THAT NEGATIVELY REGULATES IMMUNITY	\$300,000
2011	DARTMOUTH COLLEGE	NH	R01AI013541	SEX HORMONE REGULATION OF THE MUCOSAL IMMUNE SYSTEM	\$384,352
2011	DARTMOUTH COLLEGE	NH	R01AI039654	HIERARCHY WITHIN ENVIRONMENTAL REGULONS	\$345,916
2011	DARTMOUTH COLLEGE	NH	R01AI041930	T. GONDII: PYRIMIDINE SYNTHESIS AS A CHEMO TARGET	\$387,140
2011	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$391,795
2011	IMMURX INC	NH	R43AI088948	ANGIOGENESIS ANTAGONIST PLUS CD40-TLR AGONIST ADJUVANT COMBINATION VACCINE	\$237,514

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	DARTMOUTH COLLEGE	NH	R21AI091461	FUNCTIONAL ANALYSIS OF CD8 T CELL IMMUNE CONTROL IN TOXOPLASMA GONDII INFECTION	\$234,630
2011	DARTMOUTH COLLEGE	NH	K08AI074428	MECHANISMS FOR HIV-1 PERSISTENCE IN HUMAN MAMMARY TISSUE AND BREAST MILK CELLS	\$88,656
2011	DARTMOUTH COLLEGE	NH	R01AI041558	NEW MECHANISMS FOR REGULATING VIRULENCE GENE EXPRESSION	\$345,916
2011	DARTMOUTH COLLEGE	NH	R01AI083256	cdiGMP regulation of Biofilm Formation	\$387,140
2011	DARTMOUTH COLLEGE	NH	R01AI078195	CHEMOKINES IN AUTOIMMUNE HEPATITIS	\$391,795
2011	DARTMOUTH COLLEGE	NH	R33AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$369,110
2011	IMMURX INC	NH	R44AI080030	PRECLINICAL DEVELOPMENT OF A NOVEL AND POWERFUL IMMUNOTHERAPEUTIC	\$926,922
2011	DARTMOUTH COLLEGE	NH	R21AI094391	MOLECULAR ENGINEERING OF HUMANIZED ANTI-STAPHYLOCOCCAL LYTIC ENZYMES	\$197,500
2011	DARTMOUTH COLLEGE	NH	R21AI092161	FATTY ACID RELATED REGULATION OF ENTERIC INFECTIOUS DISEASE	\$237,000
2011	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$384,352
2011	DARTMOUTH COLLEGE	NH	R01AI059694	BIOINFORMATICS STRATEGIES: BIODEFENSE VACCINE RESEARCH	\$477,205
2011	DARTMOUTH COLLEGE	NH	R21AI084089	THE TH17-IL-9 MAST CELL AXIS IN INFLAMMATORY DISEASE	\$117,315
2011	SAUREUS INC	NH	R43AI094843	DEVELOPING A RAPID AGGLUTINATION ASSAY FOR MRSA.	\$299,989
2011	DARTMOUTH COLLEGE	NH	R01AI067405	MECHANISMS OF CHAPERONE-MEDIATED IMMUNE RESPONSES	\$307,481
2011	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$384,352
2011	DARTMOUTH COLLEGE	NH	R21AI080594	V. CHOLERAЕ PROTEINS ARE REQUIRED FOR BIOFILM GROWTH-VACCINE TARGETS	\$192,685
2011	DARTMOUTH COLLEGE	NH	R21AI097018	GENETIC DISSECTION OF THE TOXOPLASMA GONDII RHOPTRY KINOME	\$197,500
2011	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$492,161
2011	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$345,916
2011	DARTMOUTH COLLEGE	NH	R01AI069360	TNF PROCESSING IN PULMONARY IMMUNOPATHOLOGY	\$346,245
2011	DARTMOUTH COLLEGE	NH	R01AI091702	Host-associated regulation of P. aeruginosa colonization and virulence	\$395,000
2011	DARTMOUTH COLLEGE	NH	R01AI091801	The role of GraRS in resistance to cationic antimicrobial peptides in S. aureus	\$499,461

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2011	PRINCETON UNIVERSITY	NJ	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$390,606
2011	SIGNUM BIOSCIENCES INC	NJ	R44AI062034	A TOPICAL NON STEROIDAL ANTI-INFLAMMATORY FOR ROSACEA	\$1,007,031
2011	KEAN UNIVERSITY	NJ	R03AI090465	INFLUENZA TRANSMISSION: EXPLORATORY VISUALIZATION AND KNOWLEDGE DISCOVERY OF INDI	\$74,878
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	\$193,050
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	\$321,429
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R56AI094623	STRUCTURAL INSIGHT INTO NOVEL MECHANISMS OF TYPE III SECRETION	\$366,336
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$455,161
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$382,239
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$382,239
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI094599	The Role of Scavenger Receptor gp340 in Mucosal HIV -1 Transmission and Inhibition	\$556,500
2011	PRINCETON UNIVERSITY	NJ	R56AI091785	REGULATION OF GENE EXPRESSION BY THE ADENOVIRAL E1B 55KDA PROTEIN	\$397,779
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI084822	TLR2 and the Tubercle Granuloma	\$195,000
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI054338	HOST-PATHOGEN DETERMINANTS OF M.TB LATENCY	\$595,505
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$718,233
2011	PRINCETON UNIVERSITY	NJ	R01AI054442	STRUCTURE-FUNCTION ANALYSIS OF AI-2 QUORUM SENSING	\$446,536
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$503,315
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069395	HEMINTH MODULATION OF MTB	\$564,154
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$587,807
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI087201	DEFINING AND TARGETING THE HIV NUCLEOSIDE-COMPETING RT INHIBITOR BINDING SITE	\$228,690
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI084137	MULTIPLEX NANOCARRIER-BASED HYDROGELS FOR PREVENTION OF VAGINAL HIV TRANSMISSION.	\$378,564

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2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI090558	UNUSUAL RNA POLYMERASE FROM PATHOGENIC BACTERIUM FRANCISELLA TULARENSIS	\$228,690
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI083988	The function of PLZF in innate T cells	\$285,480
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI080659	MECHANISTIC STUDIES OF HCV E2	\$381,769
2011	HACKENSACK MEDICAL CENTER	NJ	R21AI084683	DOES HIV ENTER DOOMED CELLS	\$217,924
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$1,209,380
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$386,100
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI090328	Triacylglycerol metabolism and Mtb virulence	\$234,000
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	T32AI007403	Virus-Host Interactions in Eukaryotic Cells	\$173,409
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$559,666
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$378,941
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$2,942,662
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080653	RAPID DIAGNOSIS OF XDR TUBERCULOSIS	\$718,373
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$578,431
2011	PRINCETON UNIVERSITY	NJ	R21AI085415	COMPUTATIONAL METHODS FOR UNCOVERING PROTEIN FUNCTION IN PLASMODIUM FALCIPARUM	\$199,238
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI088765	Infectious Triggers in Chronic Fatigue Syndrome	\$154,440
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095924	Sigma factor networks of M. tuberculosis	\$229,240
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$371,372
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI031678	CYTOKINE GENE EXPRESSION DURING IN VIVO IMMUNE RESPONSE	\$382,239
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI069537	NJMS CLINICAL TRIALS UNIT: TARGETING PEDIATRIC, ADOLESCENT, AND MATERIAL HIV INFE	\$575,524
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$744,818
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$437,475
2011	ALLIED INNOVATIVE SYSTEMS, INC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$390,262

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2011	PRINCETON UNIVERSITY	NJ	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$394,328
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI095055	VITAMIN D AND THE IMMUNE SYSTEM	\$253,000
2011	ADVANCED BIODEVICES LLC	NJ	R33AI082738	MICROBICIDE DELIVERY SYSTEM TO TARGET LYMPHOID ORGANS	\$441,949
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072766	INHIBITORS OF BACTERIAL RNA POLYMERASE: "SWITCH REGION"	\$559,639
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$1,754,517
2011	PRINCETON UNIVERSITY	NJ	F32AI085922	ROLES FOR FIVE SMALL RNAs REQUIRED FOR QUORUM SENSING IN VIBRIO HARVEYI	\$51,326
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$391,085
2011	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI088627	STRUCTURE-BASED ENGINEERING OF ALLERGENS TO ENHANCE DIGESTIBILITY	\$231,660
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI091985	Assembly dynamics and role of PI4P enriched replication organelles for enterovira	\$484,473
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI093196	HIV-HUMAN PERITONAL MACROPHAGE INTERACTIONS	\$253,400
2011	HACKENSACK MEDICAL CENTER	NJ	R21AI092501	ROCK INHIBITOR SUPPRESSION OF GVHD WITH RETENTION OF GVL RESPONSE	\$264,150
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI094555	DEVELOPMENT OF AN HIV-1 ENTRY INHIBITOR PRE-DRUG AS A MICROBICIDE	\$214,500
2011	PRINCETON UNIVERSITY	NJ	R01AI087672	Human cytomegalovirus latency in cultured monocytes	\$358,628
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI089921	Borrelia burgdorferi-glycosaminoglycan interactions and Lyme disease pathogenesis	\$303,600
2011	IMMUNOMEDICS, INC	NJ	R41AI093082	USE OF MILATUZUMAB IN MODULATING GRAFT VS. HOST DISEASE	\$191,143
2011	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI090155	The molecular basis of the epidemic blaKPC gene Klebsiella	\$237,188
2011	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R03AI096265	EFFECT OF TISSUE TROPISM ON RNA VIRAL EVOLUTIONARY RATES: THREE FAMILY-LEVEL ANAL	\$77,083
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$545,395
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI084081	UNIVERSITY OF NEW MEXICO INTERDISCIPLINARY HPV PREVENTION CENTER	\$2,623,823
2011	MESA TECH INTERNATIONAL INC	NM	R43AI093018	RAPID, DISPOSABLE, NUCLEIC ACID DIAGNOSTIC DEVICE FOR MULTIPLEXED POINT OF CARE F	\$298,218
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051305	GENETIC BASIS OF SEVERE MALARIAL ANEMIA	\$533,334
2011	LOS ALAMOS NATIONAL SECURITY LLC	NM	R37AI028433	IMMUNE SYSTEM MODELING/HIV	\$263,372

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotoxin Diagnostics	\$617,221
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$367,538
2011	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R21AI088528	VLP-BASED VACCINES FOR TARGETING BACTERIAL VIRULENCE	\$167,171
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI083305	A VLP-BASED PLATFORM FOR VACCINE DISCOVERY	\$298,980
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI045452	Andes virus transmission and pathogenesis in Chile	\$548,213
2011	NEW MEXICO STATE UNIVERSITY	NM	R21AI092041	A NEW SYNERGY FOR FLAVIVIRUS THERAPY: RNAI ENHANCEMENT AND VIRAL MUTAGENS	\$177,500
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$360,555
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$187,478
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI069345	AUTOPHAGY IN TUBERCULOSIS	\$358,151
2011	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$625,169
2011	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R21AI085414	C-REACTIVE PROTEIN BINDING TO CD89: STRUCTURE AND FUNCTION	\$120,776
2011	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$12,206
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	MAPPING FOR SPECIALIZED DOMAINS FOR FCERI SIGNALING & INTERNALIZATION	\$385,804
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R03AI092130	SPATIOTEMPORAL REGULATION OF MEMBRANE RAFT TRAFFICKING IN VIRUS ACTIVATED CELLS	\$75,354
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI087807	Understanding the biology of schistosomes in response to praziquantel	\$329,691
2011	CALDERA PHARMACEUTICALS INC	NM	R44AI079935	Selective Decorporation Agents for NIAID	\$1,000,000
2011	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI091917	Apolipoprotein B and Control of S. aureus Quorum Sensing	\$287,527
2011	UNIVERSITY OF NEVADA-RENO	NV	R01AI059348	B. ANTHRACIS: PASSIVE IMMUNIZATION WITH ANTICAPSULAR MAB	\$557,160
2011	UNIVERSITY OF NEVADA-RENO	NV	R21AI085548	TARGET DISCOVERY AND IMMUNOASSAY FOR DIAGNOSIS OF INVASIVE ASPERGILLOSIS	\$189,820
2011	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$354,436
2011	UNIVERSITY OF NEVADA-RENO	NV	R01AI093365	Immunoassay for capsular antigen for rapid diagnosis of anthrax	\$718,102
2011	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	\$302,866
2011	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI065786	STABLE CARBOHYDRATE LIBRARIES IN INFECTIOUS DISEASE	\$376,964
2011	ROCKEFELLER UNIVERSITY	NY	R01AI075099	ROLE OF HCV P7 AND NS2 IN INFECTIOUS VIRUS PRODUCTION	\$414,092

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2011	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068820	MECHANISMS OF IMMUNOSUPPRESSIVE ACTIONS OF GLUCOCORTICOIDS	\$378,583
2011	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$337,479
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$355,377
2011	UNIVERSITY OF ROCHESTER	NY	R01AI059111	VIRULENCE DETERMINANTS IN STAPHYLOCOCCUS BACTEREMIA	\$590,590
2011	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$257,795
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$458,160
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI052774	LATE EVENTS IN RETROVIRUS ASSEMBLY	\$332,305
2011	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$434,363
2011	UNIVERSITY OF ROCHESTER	NY	U01AI069511	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,228,690
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$501,724
2011	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$449,865
2011	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$391,067
2011	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$418,275
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$279,308
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$374,468
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,760,691
2011	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$117,110
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$4,300
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$422,500
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072238	IMMUNITY INDUCED BY MODIFIED ADENOVIRUS FIBER	\$403,822
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI075470	MULTIPLEXED DETECTION OF FOOD AND WATERBORNE PATHOGENS	\$851,014
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$248,330
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	\$407,426
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$423,429
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI072043	PATHOGENESIS & EPIDEMIOLOGY OF S EPIDERMIDIS VENTRICULAR ASSIST DEVICE INFECTIONS	\$124,308
2011	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,456,878

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2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075193	MODULATING MMP-9 AND NEUTROPHIL RECRUITMENT: A THERAPEUTIC STRATEGY FOR TULAREMIA	\$376,456
2011	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$732,071
2011	UNIVERSITY OF ROCHESTER	NY	R01AI073785	PATHOGENIC MECHANISMS OF NON-01/NON-0139 V. CHOLERAEE	\$377,339
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI068759	MAPPING AUTOIMMUNE PHENOTYPES IN MULTIPLEX FAMILIES	\$766,888
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI081725	PH HOMEOSTASIS IN MYCOBACTERIUM TUBERCULOSIS	\$603,228
2011	ROCKEFELLER UNIVERSITY	NY	P01AI081677	NOVEL APPROACHES FOR VACCINE DESIGN	\$1,805,982
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$464,567
2011	SUNY, BINGHAMTON	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$295,224
2011	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$426,399
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI083883	IMMUNOLOGICAL RESPONSE TO CHINESE HERBAL MEDICINE IN FOOD ALLERGY	\$129,465
2011	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$679,506
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI080987	DEVELOPMENT OF CELL-PERMEABLE ANTIBODIES FOR POST-EXPOSURE TREATMENT OF RICIN	\$214,335
2011	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$412,426
2011	UNIVERSITY OF ROCHESTER	NY	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$524,839
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI083041	REGULATED INTRAMEMBRANE PROTEOLYSIS IN MYCOBACTERIUM TUBERCULOSIS	\$53,042
2011	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$365,775
2011	SUNY, BUFFALO	NY	R01AI085127	Identification of Specific Roles for Ets-1 in B Cell Tolerance	\$447,840
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI085306	1918 INFLUENZA VIRUS-NEUTRALIZING ANTIBODIES FROM INDIVIDUALS BORN 1960-1990	\$251,708
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$131,085
2011	COLUMBIA UNIVERSITY	NY	R01AI088377	Spatial coordination of CD28 and TCR signaling	\$324,381
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R13AI093007	MANY HOSTS OF MYCOBACTERIA MEETING	\$15,000
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI083219	Immunochemotherapy in Visceral Leishmaniasis	\$484,670

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2011	UNIVERSITY OF ROCHESTER	NY	R21AI085543	REAL-TIME DETECTION AND IDENTIFICATION OF SINGLE VIRUSES	\$144,900
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI084633	DENDRITIC CELL RESTRICTION AND INNATE IMMUNE SENSING OF HIV INFECTION	\$209,138
2011	CORNELL UNIVERSITY	NY	R21AI090553	THE RELATIONSHIP OF XMRV TO FUNCTIONAL STATUS AND CO-INFECTIONS IN CHRONIC FATIGU	\$152,460
2011	MONTEFIORE MEDICAL CENTER	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$132,952
2011	CORNELL UNIVERSITY	NY	R01AI092571	Structural controls of functional receptor and antibody binding to viral capsids	\$399,710
2011	ROCKEFELLER UNIVERSITY	NY	R01AI089970	A genetic dissection of Mendelian susceptibility to mycobacterial diseases (MSMD)	\$501,949
2011	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$1,503,156
2011	NEW YORK UNIVERSITY	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$1,499,592
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095611	Role of Mucosal DC Subsets in the Control of Influenza A Virus Immunity	\$371,593
2011	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R33AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$390,518
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI096299	Central Africa International Epidemiologic Database to Evaluate AIDS	\$848,891
2011	AVATAR MEDICAL LLC	NY	R43AI091507	CONFORMATIONAL STABILIZATION OF THE HIV -1 ENV TRIMER	\$297,583
2011	UNIVERSITY OF ROCHESTER	NY	R21AI090259	CD28 TRIGGERING	\$229,247
2011	LONG ISLAND UNIVERSITY BROOKLYN CENTER	NY	K22AI087817	IMPACT OF MATERNAL METHAMPHETAMINE ABUSE ON NEONATAL IMMUNITY	\$119,748
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Mechanistic Analysis of T Cell Polarity by Photoactivation of Single Cells	\$434,704
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI089911	ROBUST GENETIC SWITCHES FOR MYCOBACTERIA	\$561,891
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI092497	THE ROLE OF CATHEPSINS IN CELL DEATH MEDIATED BY NLR INDUCERS	\$249,000
2011	UNIVERSITY OF ROCHESTER	NY	R56AI083421	MITOCHONDRIAL FUNCTION AND ANTIFUNGAL PHOTODYNAMIC THERAPY	\$386,250
2011	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$365,612
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$232,284
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$420,281
2011	SUNY, STONY BROOK	NY	R01AI075219	SYNTHETIC VIRAL GENOME DESIGN FOR RAPID VACCINE DEVELOPMENT	\$553,207

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2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074420	MECHANISMS OF HIGHLY EFFICIENT HIV TRANSFER AT VIROLOGICAL SYNAPSES	\$406,085
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI030138	MOLECULAR GENETICS OF EXOTOXIN REGULATION IN S AUREUS	\$427,398
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI007289	MOLECULAR AND STRUCTURAL BASIS FOR T CELL COSTIMULATION	\$755,194
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI069532	NEW YORK UNIVERSITY HIV/AIDS CLINICAL TRIAL UNIT	\$1,514,874
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$415,224
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$876,693
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$464,567
2011	UNIVERSITY OF ROCHESTER	NY	R01AI051542	IMMUNODOMANCE IN CD RESPONSES	\$377,339
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$363,601
2011	BRONX-LEBANON HOSPITAL CENTER	NY	U01AI069413	BRONX-LEBANON HOSPITAL CLINICAL TRIALS UNIT	\$646,973
2011	UNIVERSITY OF ROCHESTER	NY	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	\$113,896
2011	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$434,363
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$406,742
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$415,000
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$438,916
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$410,850
2011	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068900	LYMPHOID TISSUE MICROVESSEL GROWTH	\$378,583
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$386,484
2011	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$432,752
2011	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$173,829
2011	UNIVERSITY OF ROCHESTER	NY	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	\$378,563
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI077333	CHARACTERIZATION OF THE ANTI-INTERFERON PROPERTIES OF THE DENGUE NS4B	\$35,016

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2011	CORNELL UNIVERSITY	NY	R01AI073368	EVOLUTIONARY GENOMICS AND POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$398,193
2011	SUNY, BUFFALO	NY	R01AI077520	CIS- AND TRANS-ACTING FACTORS IN MITOCHONDRIAL RNA DECAY	\$380,376
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$414,092
2011	NEW YORK UNIVERSITY	NY	R01AI078783	HIV-1 Replication Without Integration	\$375,775
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$131,900
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077690	MODELING OF S. AUREUS TRANSMISSION IN NORTHERN MANHATTAN.	\$667,010
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080624	MODULATION OF THE HOST RESPONSE TO INFLUENZA VIRUS INFECTION: THE IKKE KINASE	\$407,661
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI085958	EVALUATING SELF-PROTECTION OF TH17 CELLS AGAINST HIV-1 BY CCR5 LIGANDS SYNTHESIS	\$44,434
2011	BETH ISRAEL MEDICAL CENTER	NY	R01AI083035	MULTIPLE HIV PREVENTION PACKAGES FOR IDUS IN ESTONIA	\$916,679
2011	RHEONIX INC	NY	U01AI082448	POINT OF CARE CARD DEVICE FOR RAPID MOLECULAR DIAGNOSTICS	\$575,039
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI085439	GENETIC APPROACHES TO THE STUDY OF PLASMACYTOID DENDRITIC CELL FUNCTION	\$235,454
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078251	NOVEL ANTIMICROBIALS TARGETING CELL DIVISION	\$376,282
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$376,448
2011	UNIVERSITY OF ROCHESTER	NY	R21AI081070	NEUTROPHIL EXPRESSED CO-INHIBITORY MOLECULES PARTICIPATE IN POST-INJURY INFECTION	\$229,062
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI094335	Inhibition and mechanism of flavivirus methyltransferase	\$630,883
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$773,830
2011	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	\$201,184
2011	GLYCOBIA INC	NY	R43AI091336	THERAPEUTIC ANTIBODY FRAGMENTS FROM GLYCOENGINEERED ESCHERICHIA COLI	\$238,238
2011	UNIVERSITY OF ROCHESTER	NY	R21AI087149	USE OF DISCONTINUOUS PEPTIDE DISPLAY FOR GENERATION OF HIV ANTIGEN MIMICS	\$228,690
2011	COLUMBIA UNIVERSITY	NY	R21AI096088	PROBING THE INNATE RESPONSE TO 3', 5'-CYCLIC DIGUANYLATE (C-DIGMP)	\$240,125
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI093539	DISSECTING HSV-2 IMMUNITY USING CELL-TARGETED SIRNAS	\$249,000

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2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI092010	MECHANISMS OF ANTHRAX VIRULENCE FACTOR ATXA.	\$253,500
2011	COLUMBIA UNIVERSITY	NY	R01AI095089	HIV and the menopausal transition: effects on musculoskeletal health	\$780,252
2011	OYAGEN INC	NY	R21AI095007	DEVELOPMENT OF A NOVEL HIV/AIDS THERAPEUTIC ACTIVATING THE APOBEC3G HOST DEFENSE	\$208,500
2011	SUPER PULSE	NY	R43AI096594	PREVENTING BURN WOUND INFECTION USING A NOVEL FREE RADICAL STERILIZATION SYSTEM	\$163,701
2011	UNIVERSITY OF ROCHESTER	NY	F32AI089079	DEFINING MODES OF HELPER T CELL MOTILITY WITHIN INFLAMED TISSUES	\$48,398
2011	THERAPYX INC	NY	R44AI080009	Delivery of Nanoencapsulated TGFbeta and ATRA for the Treatment of IBD	\$999,998
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI091790	Biotin synthesis and biotin ligation in Mtb	\$630,181
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI094050	Regulation of host cell inflammatory and maturation response through AdV DNAdete	\$422,500
2011	SUNY, BUFFALO	NY	F32AI092902	Fundamental Aspects of Kinetoplastid Mitochondrial RNA Stability	\$51,326
2011	CERAMIDE THERAPEUTICS LLC	NY	R43AI094860	SELECTION OF AN ANTI-CERAMIDE MITIGATOR OF ACUTE RADIATION TOXICITY OF THE GI TRA	\$299,997
2011	UNIVERSITY OF ROCHESTER	NY	R01AI095066	HIV Incidence Assay via Deep Sequencing and Statistical Tests	\$556,098
2011	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$386,598
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI073190	MONITORING RESPONSE TO ARV THERAPY AND DEVELOPMENT OF HIV-1 DRUG RESISTANCE	\$131,490
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$318,780
2011	CORNELL UNIVERSITY	NY	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	\$324,781
2011	CORNELL UNIVERSITY	NY	R01AI028385	MECHANISMS OF PARVOVIRUS INFECTION AND HOST RANGE	\$368,275
2011	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$377,339
2011	SUNY, STONY BROOK	NY	R01AI041636	ADENOVIRUS AS A VECTOR FOR GENE THERAPY	\$368,918
2011	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$70,783
2011	TRUDEAU INSTITUTE	NY	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$460,647
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$61,807
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007506	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	\$307,752

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	NEW YORK MEDICAL COLLEGE	NY	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$402,500
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$3,662,644
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$507,873
2011	ROCKEFELLER UNIVERSITY	NY	P01AI051573	INNATE FUNCTIONS OF DENDRITIC CELLS IN AUTOREACTIVITY	\$1,901,862
2011	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$173,340
2011	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$4,096,020
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073899	THE REGULATORY CONTROL MECHANISMS OF CROSS-PRESENTATION BY TOLL-LIKE RECEPTORS	\$415,317
2011	CORNELL UNIVERSITY	NY	R01AI048678	ENDOCYTOSIS OF INFLUENZA VIRUSES	\$363,257
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$467,753
2011	UNIVERSITY OF ROCHESTER	NY	R01AI080401	HEMATOPOIETIC TARGETS OF RADIATION: IDENTIFICATION AND MITIGATION	\$377,339
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$311,488
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI076408	MECHANISMS INVOLVED IN, AND DEVELOPMENT OF, FCR-ENHANCED MUCOSAL VACCINATION	\$384,689
2011	CORNELL UNIVERSITY	NY	R01AI073955	Eosinophils and Allergic Airway Responses	\$372,563
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$1,358,317
2011	CORNELL UNIVERSITY	NY	R01AI080651	DEVELOPMENT OF A CELL-BASED HTS FOR COMPOUNDS WITH ACTIVITY AGAINST TUBERCULOSIS	\$266,495
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080619	CD4 T CELL RESPONSES TO M. TUBERCULOSIS INFECTION	\$465,302
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$410,850
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI090196	MOLECULAR CHARACTERIZATION OF NOVEL ASTROVIRUSES	\$198,293
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083901	Regulation of the anti-phospholipid response in SLE	\$420,800
2011	UNIVERSITY OF ROCHESTER	NY	R21AI090264	GENERATION AND CHARACTERIZATION OF HUMAN CYTOKINE-PRODUCING B CELL EFFECTORS	\$190,884
2011	UNIVERSITY OF ROCHESTER	NY	U19AI091036	University of Rochester Center for Medical Countermeasures against Radiation	\$3,110,184

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2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$476,251
2011	LITRON LABORATORIES, LTD	NY	R43AI082851	RAPID RADIATION DOSE ESTIMATION	\$300,000
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI089940	TRANSMISSION OF OSELTAMIVIR-RESISTANT INFLUENZA A H1N1 VIRUSES IN GUINEA PIGS	\$129,465
2011	UNIVERSITY OF ROCHESTER	NY	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$380,840
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083988	The function of PLZF in innate T cells	\$123,131
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$418,275
2011	SUNY, BUFFALO	NY	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	\$72,206
2011	ROCKEFELLER UNIVERSITY	NY	F32AI091207	CHARACTERIZATION AND CONSEQUENCES OF HCV INTERACTION WITH HOST LIPOPROTEINS	\$48,398
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI091867	TRANSPLANT ASSOCIATED AUTOIMMUNITY CONTRIBUTES TO ALLOGRAFT DAMAGE	\$129,465
2011	SUNY, BUFFALO	NY	R21AI092348	IMAGING ANTIGEN AND ADJUVANT UPTAKE FOR ENHANCING RESPONSE TO MUCOSAL VACCINES	\$250,864
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI084765	R5 SHIV/MACAQUE MODELS FOR THE EVALUATION OF T AND B CELL-BASED HIV-1 VACCINES	\$767,830
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI087973	ROLE AND PERTURBATION OF TH17 CELLS DURING HIV INFECTION	\$250,965
2011	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$1,050,001
2011	SIGA TECHNOLOGIES, INC	NY	R01AI093387	Antiviral Drugs for Arenaviruses	\$1,779,213
2011	UNIVERSITY OF ROCHESTER	NY	K23AI077759	Post-Vacc. HPV Genotype Distr. Among HIV+ and HIV - Young Women in S. Africa	\$125,606
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093649	Construction of safe and effective live tuberculosis vaccines	\$415,000
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI081132	STUDY OF A NOVEL PICORNAVIRUS GENUS ASSOCIATED WITH ACUTE FLACCID PARALYSIS	\$256,885
2011	ROCKEFELLER UNIVERSITY	NY	R01AI097127	Building novel vaccines on a borrowed coat	\$423,750
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI092448	DEFINING THE CORRELATES OF BACTERICIDAL IMMUNITY IN TUBERCULOSIS	\$249,000
2011	New York Blood Center, Inc.	NY	R03AI088449	RATIONAL DESIGN OF M2E-FP CONSERVED EPITOPE-BASED UNIVERSAL INFLUENZA A VACCINES	\$81,000
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI094957	A Comparative Study of M. tuberculosis and M. bovis BCG of T cell responses	\$41,800
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R34AI097000	NIAID CLINICAL TRIAL PLANNING GRANT	\$286,050

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2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI095398	Effects of the Intestinal Microbiota on Infections During Bone Marrow Transplant	\$130,113
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088075	PROTEASOME-DEPENDENT DEGRADATION IN MYCOBACTERIUM TUBERCULOSIS	\$380,250
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI095810	Proteomics of RNA polymerase interactomes in pathogenic bacteria	\$253,500
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$526,343
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R56AI089837	ADENOISEN-PKA SIGNALING AXIS IN TREG DEVELOPMENT AND HOMEOSTASIS	\$415,000
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$332,254
2011	COLD SPRING HARBOR LABORATORY	NY	R01AI046724	THE REPLICATION INITIATOR PROTEIN E1 AND ITS INTERACTION WITH DNA	\$304,484
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI049512	PURINE PATHWAYS AND INHIBITOR DESIGN IN PLASMODIUM	\$485,892
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI053417	CYCLOPROPANE SYNTHETASES AND M.TUBERCULOSIS PATHOGENESIS	\$465,302
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072790	FOXP3 REGULATORY NETWORK MRNA PROFILES AND HUMAN RENAL TRANSPLANT OUTCOMES	\$563,423
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069419	CORNELL CLINICAL TRIALS UNIT	\$1,227,503
2011	COLUMBIA UNIVERSITY	NY	U01AI069466	CENTERS FOR INNOVATIVE RESEARCH TO CONTROL AIDS	\$1,202,117
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$536,363
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$540,778
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$460,327
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$418,275
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$332,798
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$422,500
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$221,020
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$1,427,583
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$374,817
2011	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$444,305
2011	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$344,263

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2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081510	OPTIMIZING ADENOVIRAL VECTOR TO ELICIT A POTENT ANTI-MALARIA IMMUNITY	\$447,171
2011	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$98,840
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI078884	COMPLICATIONS OF CHRONIC VIRAL INFECTIONS	\$182,478
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI041715	REGULATION OF B CELL FUNCTION BY INTERLEUKIN 12	\$339,643
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI076927	STRUCTURAL AND FUNCTIONAL STUDIES OF THE CASPASE ACTIVATING COMPLEX PIDDOSOME	\$372,684
2011	UNIVERSITY OF ROCHESTER	NY	R01AI077401	TARGETING PI3K/AKT CELL SURVIVAL PATHWAY AS A NOVEL ANTI-HIV THERAPY	\$339,605
2011	UNIVERSITY OF ROCHESTER	NY	R01AI077674	B-CELL TOLERANCE MECHANISMS IN HUMAN SLE	\$377,339
2011	TRUDEAU INSTITUTE	NY	R01AI071295	ROLES FOR COAGULATION IN IMMUNITY	\$460,647
2011	UNIVERSITY OF ROCHESTER	NY	R01AI080770	PHOTONIC STRUCTURES FOR DIRECT ULTRASENSITIVE VIRUS DETECTION	\$339,881
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$151,450
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$414,092
2011	UNIVERSITY OF ROCHESTER	NY	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$374,888
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$178,418
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083509	FAIM in Immunity and Autoimmunity	\$410,850
2011	ROCKEFELLER UNIVERSITY	NY	F32AI084448	HEPATITIS C VIRUS HOST INTERACTIONS IN MICROPATTERENED HEPATOCYTE CO-CULTURES	\$53,042
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$418,275
2011	ORTHOSYSTEMS INC	NY	R44AI075739	SIMPLE DNA/RNA PROBES FOR PROTEIN TARGETS	\$638,372
2011	UNIVERSITY OF ROCHESTER	NY	R01AI091422	DISCOVERY AND EVALUATION OF FUNGICIDAL ANTI-CRYPTOCOCCAL MOLECULES	\$377,336
2011	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$420,352
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI088792	LOCALIZATION AND ASSEMBLY OF THE M. TUBERCULOSIS ESX-1 SECRETORY APPARATUS	\$219,340
2011	SIGA TECHNOLOGIES, INC	NY	R44AI075747	ST-246 TREATMENT OF SMALLPOX VACCINE-RELATED ADVERSE EVENTS	\$1,000,000
2011	UNIVERSITY OF ROCHESTER	NY	R03AI088390	ENGINEERING OF B CELL TARGETED ANTIGENS AND PATHOGENS	\$76,230
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$778,882

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2011	CORNELL UNIVERSITY	NY	R01AI085286	Genetic and Evolutionary Basis of Fungal Drug Resistance	\$333,531
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$418,275
2011	NEW YORK UNIVERSITY	NY	K22AI083745	STRUCTURAL TOPOLOGY OF A SMALL MULTIDRUG RESISTANT EFFLUX PUMP	\$158,800
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI092743	Gardnerella vaginalis: toxin production and pathogenesis	\$402,500
2011	DETECT BIOSCIENCES LLC	NY	R41AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$262,429
2011	CUNY, RESEARCH FOUNDATION	NY	R21AI094545	Synthetic Methodology to Access Novel Antivirals	\$215,190
2011	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular Quiescence and Stabilization in Immunity	\$434,363
2011	ROCKEFELLER UNIVERSITY	NY	R21AI096069	THE DEVELOPMENT OF TOOLS FOR PROTEOMIC ANALYSIS IN TRYPANOSOMES	\$254,188
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$129,465
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R21AI093255	GENERATION AND IN VITRO/VIVO EVALUATION OF AN R5-TROPIC SHIV LIBRARY	\$273,000
2011	NEW YORK UNIVERSITY	NY	R01AI094607	Gender-Specific Combination HIV Prevention for Youth in High-Burden Settings	\$772,017
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084156	P.falciparum var gene diversity and malaria control	\$418,275
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R03AI097040	ATTENUATED HIV/TB VACCINE FOR INDIA	\$83,083
2011	COLD SPRING HARBOR LABORATORY	NY	R13AI096767	2011 CONFERENCE ON MICROBIAL PATHOGENESIS AND HOST RESPONSE	\$15,000
2011	THERASOURCE LLC	NY	R43AI096777	Human Ghrelin As An Effective Mitigator of Acute Radiation Injury	\$297,826
2011	UNIVERSITY OF ROCHESTER	NY	R33AI076085	INVESTIGATION OF APOBEC3G/VIF INTERACTIONS BY SAXS AND X-RAY CRYSTALLOGRAPHY	\$367,824
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI095613	Regulation and Function of Immunoglobulin D in Mucosal Immune Defense	\$423,750
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI093210	HIV Envelope gp120-induced immunosuppression	\$422,500
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI091871	Silencing of Th17 cell differentiation by IRF8 in the development of colitis	\$423,750
2011	UNIVERSITY OF ROCHESTER	NY	R21AI088427	INNATE VS ADAPTIVE CONTRIBUTIONS TO TH2 PATHOLOGY IN WISKOTT ALDRICH SYNDROME	\$231,750
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R56AI095692	HOST DEFENSE AGAINST POXVIRUSES AND VIRAL IMMUNE EVASION	\$450,375
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$405,038
2011	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$333,153

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2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$415,317
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$474,317
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI075141	AN ALTERNATE PATHWAY TO AUTOIMMUNITY	\$332,789
2011	COLD SPRING HARBOR LABORATORY	NY	R01AI072345	BIOCHEMICAL ANALYSIS OF PAPILOMAVIRUS REPLICATION	\$426,344
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064654	ROLE OF ANTHRAX TOXIN RECEPTORS IN ANGIOGENESIS AND ENDOTHELIUM	\$394,490
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050754	RHINOVIRUS PATHOGENESIS AND HOST RANGE	\$414,071
2011	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$406,225
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$306,956
2011	CORNELL UNIVERSITY	NY	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$363,012
2011	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$3,472,417
2011	COLUMBIA UNIVERSITY	NY	U01AI069470	COLUMBIA COLLABORATIVE HIV/AIDS CLINICAL TRIALS UNIT	\$2,296,028
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular & Molecular Defects in Human B Cell Development	\$1,999,734
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI042783	Peptide autoinducers of staphylococcal pathogenicity	\$491,098
2011	ROCKEFELLER UNIVERSITY	NY	R01AI035875	FCR DEFICIENT MICE SUSCEPTIBILITY TO PATHOGENS	\$419,513
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$527,774
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$10,570,222
2011	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$264,995
2011	UNIVERSITY OF ROCHESTER	NY	U19AI056390	AUTOIMMUNITY CENTER OF EXCELLENCE - ROCHESTER	\$667,941
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080455	STRATEGIES TO ENHANCE LYMPHOID RECOVERY AFTER RADIATION-INDUCED INJURY	\$669,953
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$133,110
2011	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$473,310
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dysfunction & fetal brain development	\$2,206,554

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2011	TRUDEAU INSTITUTE	NY	R01AI072296	THE ROLE OF IL-4 AND IL-4RALPHA IN THE MULTI-STEP PROCESS OF TH2 DEVELOPMENT	\$406,706
2011	TRUDEAU INSTITUTE	NY	R01AI076479	THE INTERDEPENDENCE BETWEEN T AND B CELLS IN TH2 CELL DIFFERENTIATION	\$414,583
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$147,450
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$909,173
2011	SUNY, BINGHAMTON	NY	R01AI075257	ROLE OF BDLA IN BIOFILM DISPERSION AND VIRULENCE PROPERTIES OF P. AERUGINOSA	\$258,838
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080755	MECHANISM AND REGULATION OF V(D)J REPAIR	\$324,599
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$135,135
2011	SUNY, STONY BROOK	NY	R01AI015122	PICORNAVIRUS MOLECULAR BIOLOGY	\$378,935
2011	SUNY, BUFFALO	NY	R01AI081528	EFFECT OF ZINC IN ATTACHING AND EFFACING E. COLI INFECTION	\$481,882
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$726,617
2011	New York Blood Center, Inc.	NY	R01AI081604	RATIONAL DESIGN OF ANTIVIRALS TARGETED TO HIV-1 CAPSID	\$528,442
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI090501	DESIGN, SYNTHESIS AND EVALUATION OF SELECTIVE GRP94 INHIBITORS	\$205,994
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI085563	PROTEIN BIOMARKERS FOR INVASIVE ASPERGILLOSIS DIAGNOSTICS	\$235,278
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI089246	Genomic Determinants of Intrinsic Antiviral Host Defenses	\$426,148
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI070880	Regulation of V(D)J recombination by Rag2 C terminus	\$335,610
2011	CORNELL UNIVERSITY	NY	R01AI095491	New Targets for Reproductive Control of Mosquito Vectors	\$406,282
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI090249	Targeting Viral Envelope Glycoproteins with Synthetic Antibodies	\$410,850
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI091633	Translocation through TonB-dependent transporters	\$166,000
2011	COLD SPRING HARBOR LABORATORY	NY	R13AI094631	RETROVIRUSES	\$15,000
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI092316	DLAT AS A TRANSCRIPTIONAL REGULATOR IN NON-REPLICATING MYCOBACTERIUM TUBERCULOSIS	\$267,615
2011	ROCKEFELLER UNIVERSITY	NY	R01AI085973	Parameters that govern initiation of VSG switching in T.brucei	\$418,275
2011	CUNY, RESEARCH FOUNDATION	NY	R15AI094351	Characterization of flavovirus NS4A induced autophagy	\$451,288
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093504	Novel therapeutic approaches to treatment of botulinum neurotoxin poisoning	\$1,381,473

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	CUBRC INC	NY	R01AI093484	Development of TP-217 as a highly efficacious, broad-spectrum antibiotic for the	\$828,940
2011	ROCKEFELLER UNIVERSITY	NY	R01AI091707	Type I interferon-stimulated genes and the antiviral immune response	\$422,500
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI096554	STRUCTURAL ANALYSIS OF THE GPI TRANSAMIDASE COMPLEX	\$253,500
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI095256	COMBINATION CLOSTRIDIUM DIFFICILE TOXIN AND ADHESIN VACCINE	\$741,529
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI091856	FUNCTIONAL ANALYSIS OF STAPHYLOCOCCUS AUREUS LUKAB CYTOTOXIN.	\$524,048
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI093220	MICROSPORIDIOSIS: RATIONAL THERAPEUTICS	\$415,417
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI087769	NONSTRUCTURAL 4B PROTEIN AND HEPATITIS C VIRUS REPLICATION COMPLEX	\$392,758
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R00AI085034	NATURAL KILLER CELL RESPONSES AGAINST VIRAL INFECTION	\$249,000
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$1,572,109
2011	TRUDEAU INSTITUTE	NY	R01AI076499	REGULATION OF MEMORY CD8+ T CELL RECRUITMENT TO THE LUNG	\$460,647
2011	CORNELL UNIVERSITY	NY	R01AI073831	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$370,171
2011	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$307,751
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$523,715
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI045658	GENE EXPRESSION IN M. TUBERCULOSIS	\$382,862
2011	ROCKEFELLER UNIVERSITY	NY	R01AI021729	MOLECULAR GENETICS OF TRYPANOSOME ANTIGENIC VARIATION	\$549,333
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI031788	NEW OPPORTUNISTIC INFECTIONS IN AIDS MICROSPORIDIOSIS	\$390,588
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI043578	GRAFT REJECTION AND DIRECT VERSUS INDIRECT RECOGNITION	\$413,064
2011	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$371,539
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$418,275
2011	NEW YORK MEDICAL COLLEGE	NY	R01AI072028	TOXOPLASMA GONDII EVASION OF IMMUNE EFFECTER MECHANISMS	\$343,969
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$508,081
2011	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$698,857
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$410,850

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2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$2,311,544
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$2,367,532
2011	ROCKEFELLER UNIVERSITY	NY	K08AI075031	THE PATHOGENESIS OF AUTOIMMUNITY IN HEPATITIS C VIRUS INFECTION	\$140,400
2011	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$361,574
2011	UNIVERSITY OF ROCHESTER	NY	R01AI073772	ASSEMBLY OF THE MYCOBACTERIAL CELL WALL	\$376,400
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI065773	ESTABLISHING THE MOLECULAR MECHANISMS OF BCR ENDOCYTOSIS	\$377,381
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI071078	MODULATING IMMUNITY THROUGH DENDRITIC CELL PHAGOCYtic RECEPTORS	\$415,317
2011	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$339,605
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$377,381
2011	ROCKEFELLER UNIVERSITY	NY	R01AI011822	PROPERTIES OF STREPTOCOCCAL M PROTEIN	\$414,092
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$390,570
2011	TECHNOVAX INC	NY	R44AI063830	DEVELOPMENT OF INFLUENZA VIRUS-LIKE PARTICLE (VLP) VACCINES	\$1,153,679
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$306,326
2011	BIOSCIENCE DEVELOPMENT, INC	NY	R44AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$969,604
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI072259	Regulation of Innate Immunity by Pypin Proteins	\$348,426
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI079260	STRUCTURAL AND FUNCTIONAL STUDIES OF THE IKAPPAB KINASE (IKK) COMPLEX	\$372,684
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI088169	ECOLOGY OF POWASSAN/DEER TICK VIRUS IN EASTERN NEW YORK STATE	\$191,900
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075312	EFFECT OF INFLUENZA INFECTION ON ALVEOLAR MACROPHAGE FUNCTION	\$392,500
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI084903	Pig to human thymic xenotransplantation	\$503,346
2011	UNIVERSITY OF ROCHESTER	NY	R01AI075033	CHEMICAL GENETIC HTS ASSAY FOR INHIBITORS OF FUNGAL CELL WALL INTEGRITY	\$339,605
2011	ROCKEFELLER UNIVERSITY	NY	U01AI088685	Genetic predisposition to tuberculosis in Morocco	\$652,035
2011	UNIVERSITY OF ROCHESTER	NY	R21AI081082	PROTEINS INVOLVED IN ORTHOPOXVIRUS INTRACELLULAR EGRESS	\$190,884

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2011	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$137,160
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI085584	EXPLOITING FATTY ACID METABOLISM TO CURE MALARIA	\$394,490
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$674,536
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI086197	THE ROLE OF PERIPHERAL MONOCYTES IN THE DEVELOPMENT OF IMMUNITY TO INFLUENZA	\$34,060
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$410,850
2011	CUNY, RESEARCH FOUNDATION	NY	SC2AI094306	FACTORS THAT INFLUENCE SUSCEPTIBILITY TO ACUTE STREPTOCOCCAL PHARYNGITIS	\$112,860
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K99AI089935	FUNCTION OF MICRORNAS IN CONTROLLING REGULATORY T CELL BIOLOGY	\$94,247
2011	SUNY, STONY BROOK	NY	R03AI094054	STAT3 STRUCTURAL DETERMINANTS	\$113,539
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI090473	METABOLOMIC ANALYSIS OF REDOX CONTROL IN MYCOBACTERIUM TUBERCULOSIS PERSISTERS	\$177,656
2011	ROCKEFELLER UNIVERSITY	NY	R01AI090055	Simianizing hepatitis C: Defining the species-tropism of a hepatotropic virus	\$426,849
2011	UNIVERSITY OF ROCHESTER	NY	P01AI078907	B Cells in Health and Disease	\$2,162,767
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$2,749,909
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI092573	Drug targets in Mtb Gluconeogenesis	\$626,426
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074622	Endothelial progenitor cells and the pathogenesis of cerebral malaria	\$417,807
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094166	Recruitment of CX3CR1-GFP+ monocytes during Schistosoma mansoni infection	\$253,500
2011	COLUMBIA UNIVERSITY	NY	R01AI093182	Improving Maternal and Newborn Health Using the HIV/AIDS Program Platform in Tanz	\$747,648
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI094658	Rapid Diagnosis of Early TB in HIV+ Patients	\$209,525
2011	SUNY, STONY BROOK	NY	R21AI092191	ANDV INDUCED RESPONSES OF HYPOXIC ENDOTHELIAL CELLS	\$196,250
2011	SUNY, STONY BROOK	NY	R01AI027044	Antigen Specific Responses to Borrelia	\$391,065
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI093571	The Biology of Influenza A Virus-Generated Small RNAs	\$420,547
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093153	HIV Dysregulation of Human Plasmacytoid Dendritic Cells	\$132,543
2011	ROCKEFELLER UNIVERSITY	NY	R01AI089957	Novel antiviral activities of tumor necrosis factor-alpha	\$423,750
2011	THERASOURCE LLC	NY	R44AI078537	ANTAGONISM OF ALPHA2A-ADRENOCEPTOR: A NOVEL ANTI-SEPSIS THERAPY	\$713,482
2011	COLUMBIA UNIVERSITY	NY	R01AI093985	Understanding the Role of kB Ras Proteins in Signaling and Development	\$400,208

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2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI096946	EPITOPE-TARGETED VACCINE FOR HIV-1 PREVENTION	\$616,274
2011	SUNY, BUFFALO	NY	T35AI089693	Training the Next Generation of Physician Scientists	\$34,830
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI091543	Production of Cross-Neutralizing HIV-1 Antibodies from Single B Cells	\$763,162
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI093235	Mechanisms and Consequences of Immune Activation in HIV Infected Children	\$132,543
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI064003	Discovery and Mechanism of Antiretroviral Factors	\$465,000
2011	CORNELL UNIVERSITY	NY	R01AI095519	DEVELOPMENT OF A CELL-BASED HTS FOR INHIBITORS OF INFLAMMATORY MACROPHAGES	\$380,317
2011	TRUDEAU INSTITUTE	NY	R01AI091965	Metabolic Regulation of CD8 T Cell Memory Development	\$470,000
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$810,562
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI095171	DYNAMICS OF HOST-VIRUS INTERACTIONS DURING HIV-1 REPLICATION	\$409,720
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI093786	DEVELOPMENT OF PAN-FILOVIRAL INHIBITORS OF REPLICATION TARGETING VP35 PROTEINS	\$761,178
2011	UNIVERSITY OF ROCHESTER	NY	R56AI091731	HUMORAL IMMUNE RESPONSE TO NEUTRALIZING EPITOPES OF THE RSV F PROTEIN	\$560,500
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI091908	ROLE OF B LYMPHOID KINASE IN THE DEVELOPMENT OF SLE	\$395,000
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$399,790
2011	COLD SPRING HARBOR LABORATORY	NY	R13AI078720	2008 CSHL GENE EXPRESSION AND SIGNALING IN THE IMMUNE SYSTEM CONFERENCE	\$1
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$449,088
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$311,365
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI076635	GENETIC DIVERSITY IN VIRULENCE GENES OF PLASMODIUM FALCIPARUM	\$130,950
2011	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI041599	ANTIVIRAL AGENTS DIRECTED TO NOVEL TARGETS IN THE ADENOVIRUS PROTEINASE	\$781,650
2011	CORNELL UNIVERSITY	NY	R01AI050617	SIGNAL TRANSDUCTION DURING TOXOPLASMA INFECTION	\$371,365
2011	TRUDEAU INSTITUTE	NY	R01AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$470,264
2011	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$576,388

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2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$466,469
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$335,610
2011	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Womens Interagency HIV Study (WIHS) V	\$3,116,959
2011	ROCKEFELLER UNIVERSITY	NY	R01AI037526	Class Switch Recombination in B Lymphocytes	\$419,513
2011	COLUMBIA UNIVERSITY	NY	R01AI050234	Role of pfert in chloroquine resistance in P. falciparum	\$400,000
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$173,490
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$4,049,298
2011	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$2,106,698
2011	CORNELL UNIVERSITY	NY	R21AI085332	CONTRIBUTION OF CAMPYLOBACTER JEJUNI NUCLEASE IN ANIMAL MODELS OF ACUTE INFECTION	\$183,973
2011	UNIVERSITY OF ROCHESTER	NY	R01AI079446	REDUCTION OF UNECESSARY ANTIBIOTICS IN ADULTS BY THE USE OF VIRAL DIAGNOSTICS	\$423,110
2011	BIOPEPTIDES INC	NY	R44AI074092	MULTI-ANTIGEN PEPTIDE ASSAY FOR THE SERODIAGNOSIS OF LYME DISEASE	\$719,308
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$477,103
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081615	REVEALING THE HIV-1 INTERACTOME	\$447,171
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$370,226
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084119	Structure-Based Characterization of gp120 Non-V3 Variable Loop Epitopes	\$585,681
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI079709	PHARMACOLOGIC APPROACHES TO COMBATING RESISTANCE TO ANTIMALARIAL COMBINATIONS	\$557,200
2011	CORNELL UNIVERSITY	NY	R01AI076588	TOLL-LIKE RECEPTOR 9: TRAFFICKING AND SIGNALING	\$339,605
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$464,567
2011	CORNELL UNIVERSITY	NY	F32AI084436	SYNAPTOTAGMIN A AND C IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$54,734
2011	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$343,586
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI085166	Control of sphingosine-1-phosphate distribution.	\$422,500
2011	POPULATION COUNCIL, INC	NY	R01AI084133	HIV-ENVELOPE-SPECIFIC DARPIN-BASED MICROBICIDE STRATEGIES	\$745,303
2011	CORNELL UNIVERSITY	NY	R01AI083932	Genetic Network Linking Immunity to Energetic Stress and Metabolism	\$357,911
2011	PROGENICS PHARMACEUTICALS, INC	NY	R01AI094424	PA-50/PA-41 ANTITOXIN ANTIBODY THERAPY FOR C. DIFFICILE INFECTION	\$1,123,669

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2011	SUNY, STONY BROOK	NY	R01AI080892	Regulation of TCR Signaling by Sts-1 and Sts-2	\$384,128
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI093870	Modeling the development, age structure and maintenance of T cell populations	\$377,948
2011	SIGA TECHNOLOGIES, INC	NY	R01AI093356	Antiviral therapeutics for flavivirus infections	\$1,442,798
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI089271	Genital Mucosal Immunity in Adolescent Women	\$133,200
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI084952	ORAL VACCINE PLATFORM FOR YERSINIA PESTIS	\$403,920
2011	ROCKEFELLER UNIVERSITY	NY	K99AI095348	MECHANISTIC ANALYSIS OF A POSTTRANSLATIONALLY MODIFIED INNATE ANTIVIRAL EFFECTOR	\$139,995
2011	ROCKEFELLER UNIVERSITY	NY	F32AI096721	The effects of follicular helper T cells on germinal center B cells.	\$46,346
2011	SUNY, BUFFALO	NY	R21AI092133	ORAL IMMUNE MODULATORY ADJUVANTS FOR TREATMENT OF COLORECTAL CARCINOMA	\$253,425
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R03AI094245	CHARACTERIZATION OF A NOVEL ETEC VIRULENCE REGULATOR	\$70,012
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI096943	GENOME STABILITY FUNCTION OF APOBEC3 RETROVIRAL RESTRICTION FACTORS	\$254,250
2011	SUNY, BUFFALO	NY	R01AI089920	Stress-Responsive RNA Regulons in Cryptococcus neoformans	\$343,774
2011	SUNY, STONY BROOK	NY	R56AI095268	INHIBITION OF STAT3-MEDIATED AUTOIMMUNITY	\$400,087
2011	SUNY, BUFFALO	NY	R21AI088318	IDENTIFICATION OF GENES ESSENTIAL FOR SURVIVAL OF HYPERVIRULENT KLEB. PNEUMONIAE	\$237,750
2011	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$182,926
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$406,742
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$600,170
2011	ROCKEFELLER UNIVERSITY	NY	R56AI040045	IDENTIFICATION AND VACCINE ADJUVANT RESPONSES OF DENDRITIC CELLS IN HUMANS	\$519,909
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI095512	REGULATION OF IL-10 GENE EXPRESSION AND HOST SEPTIC RESPONSE BY PROGRANULIN	\$253,500
2011	TRUDEAU INSTITUTE	NY	R01AI073564	T CELL RESPONSES TO CHRONIC BACTERIAL INFECTION	\$452,178
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$415,317
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI030165	POST-TRANSCRIPTIONAL REGULATION OF INFLAMMATORY MEDIATORS	\$403,822
2011	ROCKEFELLER UNIVERSITY	NY	R01AI068058	CONTROL OF T CELL SIGNALING BY METHYLTRANSFERASE EZH2	\$406,225
2011	TRUDEAU INSTITUTE	NY	R01AI069121	T CELL MEMORY TO TB IN THE LUNG	\$460,647

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2011	TRUDEAU INSTITUTE	NY	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$460,647
2011	UNIVERSITY OF ROCHESTER	NY	R01AI041387	IMPACT OF NNRTI-RESISTANCE ON RNASE H & HIV REPLICATION	\$370,170
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$165,221
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$424,713
2011	CORNELL UNIVERSITY	NY	R01AI052151	REGULATORY NETWORKS CONTRIBUTING TO L. MONOCYTOGENES TRANSMISSION AND VIRULENCE	\$339,605
2011	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI047033	THE TRANSMISSION AND FITNESS OF DRUG RESISTANT HIV-1	\$617,570
2011	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$307,751
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$660,690
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI051966	ANTIRETROVIRAL THERAPY FOR HIV-INFECTED PATIENTS	\$183,986
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$736,441
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$414,092
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$442,106
2011	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$399,583
2011	UNIVERSITY OF ROCHESTER	NY	R24AI054953	HUMAN IMMUNOLOGY CENTER AT THE UNIVERSITY OF ROCHESTER	\$862,408
2011	CORNELL UNIVERSITY	NY	R01AI022449	Antigen Binding, Crosslinking and Transmembrane Signaling	\$385,181
2011	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$162,616
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$332,254
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$415,317
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$393,725
2011	PROGENICS PHARMACEUTICALS, INC	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,753,455
2011	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI072856	RAPID TEST FOR LEPTOSPIROSIS	\$959,244
2011	COLUMBIA UNIVERSITY	NY	R25AI080566	SUMMER IMMUNOLOGY RESEARCH PROGRAM FOR HIGH SCHOOL SCIENCE TEACHERS	\$119,841
2011	CORNELL UNIVERSITY	NY	F32AI081482	GENETICS OF MYCOBACTERIUM TUBERCULOSIS ADAPTATION TO THE MACROPHAGE PHAGOSOME	\$56,750

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2011	CUNY, RESEARCH FOUNDATION	NY	SC1AI084899	MODELING MEMBRANE BINDING AND PERMEABILIZATION BY ANTIMICROBIAL PEPTIDES	\$258,845
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI080754	THE PLASMODIUM 2TM AND PHIST PROTEIN FAMILIES	\$418,275
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083408	QUANTITATIVE MODELING OF THE PHENOTYPIC VARIABILITY OF INDIVIDUAL T CELLS AND THE	\$479,391
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI082536	RISK FACTORS FOR SPREAD OF STAPHYLOCOCCUS AUREUS IN PRISONS.	\$771,623
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI086072	STRUCTURAL STUDIES OF A TETRACYCLINE EFFLUX PUMP	\$41,800
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI087564	CONSEQUENCES OF REPLICATIVE AGING IN CRYPTOCOCCUS NEOFORMANS	\$246,510
2011	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	K08AI085031	Rabies virus maintenance in bat populations	\$105,503
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K99AI095320	ROLE OF PATTERN RECOGNITION RECEPTORS IN PROTECTION AGAINST INFLUENZA VIRUS	\$113,071
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$41,800
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI085349	INVESTIGATION OF MYCOBACTERIAL GMC OXIDOREDUCTASE RV3409C	\$190,394
2011	INNOVIMMUNE BIOTHERAPEUTICS INC	NY	R43AI096570	SAFE AND EFFICACIOUS ORAL MIF INHIBITORS FOR RHEUMATOID ARTHRITIS TREATMENT	\$300,000
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$600,131
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$565,359
2011	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R33AI080536	RADIATION COMBINED INJURY: MECHANISMS AND THERAPEUTIC APPROACHES	\$398,898
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI085622	NOVEL ADJUVANT DISCOVERY IN VACCINE THERAPY	\$869,286
2011	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$467,076
2011	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI090354	NEW FUSION INHIBITORS FOR CHILDHOOD RESPIRATORY VIRUSES, DESIGNED TO AVOID RESIST	\$242,798
2011	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI090516	ANTIGEN PROCESSING AND PRESENTATION OF RECOMBINANT LISTERIA PROTEINS	\$236,486
2011	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI083880	Novel Risk Factors For Vancomycin Resistant Enterococci In Persons With Cancer	\$130,437
2011	ROCKEFELLER UNIVERSITY	NY	R21AI093216	NEW HIV/AIDS VACCINES EMPLOYING INFLAMMATORY DENDRITIC CELLS	\$226,107
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI096738	TRANSCRIPTIONAL REGULATION AND EXPRESSION OF HUMAN APOBEC3G	\$47,606

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI085313	THE LUNG AND MALARIA	\$211,250
2011	SUNY, STONY BROOK	NY	R21AI092455	STEROID HORMONE BIOSYNTHESIS BY M.TB	\$231,919
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI093315	MICROSPORIDIA: GENETIC TECHNIQUES	\$249,000
2011	PROGENICS PHARMACEUTICALS, INC	NY	U01AI095085	LONG-ACTING, SELF-ADMINISTERED HIV THERAPY WITH TH CCR5 ANTIBODY PRO 140	\$3,026,298
2011	ROCKEFELLER UNIVERSITY	NY	R01AI089844	BIOGENESIS OF HIV 1 IN LIVING CELLS	\$405,979
2011	COLGATE UNIVERSITY	NY	R15AI094440	Mechanisms and Functional Consequences of Reovirus Innate Immune Activation	\$370,561
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI083743	Contribution of Novel Frimbriae to Proteus Mirabilis Virulence	\$161,241
2011	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI079884	RAPID DPP TEST FOR TUBERCULOSIS	\$807,514
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI088106	Role of the thymic epithelium on the outcome of allogeneic transplantation	\$421,901
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K22AI087816	MECHANISMS OF CCR2-MEDIATED NEUROPROTECTION IN WEST NILE VIRUS INFECTION	\$162,000
2011	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R15AI094485	Signal transduction mechanism of Ps. aeruginosa biofilm dispersion response	\$442,416
2011	BIOPEPTIDES INC	NY	R43AI096551	LAB ON A CHIP POINT OF CARE ASSAY FOR THE RAPID SERODIAGNOSIS OF LYME DISEASE	\$300,000
2011	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI079763	NOVEL MUCOSAL MODELS PREDICTIVE OF MICROBICIDE SAFETY	\$480,904
2011	ROCKEFELLER UNIVERSITY	NY	R37AI095983	Genome-Wide Dissection of Mendelian Susceptibility to Mycobacterial Disease	\$422,500
2011	ROCHESTER GENERAL HOSPITAL	NY	K22AI089975	ANALYSIS OF PRO-INFLAMMATORY MEMORY CD4 T-CELL SUBSETS TO INFLUENZA INFECTION	\$108,000
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI093811	Regulation of vitamin A metabolism during Schistosoma mansoni infection	\$422,500
2011	ROCKEFELLER UNIVERSITY	NY	R13AI094915	18TH LANCEFIELD INTERNATIONAL SYMPOSIUM ON STREPTOCOCCI AND STREPTOCOCCAL DISEASE	\$9,000
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI091655	Role of breast milk in development of neonatal oral tolerance to foods	\$129,265
2011	UNIVERSITY OF ROCHESTER	NY	R01AI081779	Paramyxovirus Assembly	\$384,688
2011	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R03AI092474	REAGENTS FOR THE ANALYSES OF CMI IN THE FERRET INFLUENZA MODEL.	\$79,000
2011	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI087682	THE ROLE OF ESCRT IN MACROPHAGE RESISTANCE TO MYCOBACTERIA	\$380,250
2011	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI093763	Immunologic mechanisms in post-Lyme disease syndrome	\$360,000

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2011	UNIVERSITY OF ROCHESTER	NY	R21AI094511	THE SEMEN ENHANCER OF HIV INFECTION AS A NOVEL MICROBICIDE TARGET	\$204,459
2011	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI091792	OCCLUDIN-SPECIFIC HCV CELL ENTRY MECHANISMS	\$421,258
2011	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$317,553
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$378,564
2011	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$206,756
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$397,317
2011	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	\$400,068
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$369,877
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073553	INTERLEUKIN-9 IN EXPERIMENTAL INTESTINAL ANAPHYLAXIS	\$367,538
2011	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$271,573
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080313	MECHANISMS OF INCREASED SUSCEPTIBILITY TO TB IN HIV-INFECTED INDIVIDUALS	\$472,012
2011	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$1,149,888
2011	UNIVERSITY OF CINCINNATI	OH	R21AI094971	GM-CSF REGULATION OF ZINC IN HISTOPLASMOSIS	\$235,500
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R13AI091185	INTERNATIONAL CONGRESS OF VIROLOGY, SAPPORO, ASV TRAVEL REQUEST	\$11,000
2011	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$355,000
2011	Research Institute at Nationwide's Children's Hospital	OH	R56AI096882	PERSISTENT HEPATITIS C VIRUS REPLICATION AND T CELL IMMUNITY IN PREGNANCY	\$610,754
2011	UNIVERSITY OF CINCINNATI	OH	R01AI070300	REGULATION OF CD8+ T CELL HOMEOSTATIS BY IL-4	\$382,239
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	CONTROL OF IMMUNE RESPONSES BY LIPOXINS DURING TUBERCULOSIS	\$344,148
2011	OHIO STATE UNIVERSITY	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$330,785
2011	UNIVERSITY OF TOLEDO	OH	R01AI077720	Development of Aspartate Pathway Inhibitors as Novel Antibiotics	\$351,689
2011	OHIO STATE UNIVERSITY	OH	U01AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,526,113
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$406,651
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075159	REGULATION OF TLR SIGNALING AND INNATE IMMUNITY BY RP105	\$360,555
2011	MIAMI UNIVERSITY	OH	R01AI070174	STUDY OF IRON ACQUISITION IN ACINETOBACTER BAUMANNII	\$307,193

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2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI081743	REGULATION OF B CELL FUNCTION BY MEMBRANE-CYTOSKELETAL REMODELING	\$406,184
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI090244	IMPROVEMENT IN PAIRED DONATION PROGRAM	\$351,054
2011	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$665,520
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI093351	Preclinical Development of a Tularemia Vaccine	\$454,500
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI081558	IMMUNE RESPONSE TO PNEUMOCOCCAL VACCINATION IN HIV INFECTED ADULTS	\$367,255
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI090468	INDUCTION OF LOCAL HYPORESPONSIVENESS: A SOLUTION FOR CELL TRANSPLANTATION	\$194,288
2011	OHIO STATE UNIVERSITY	OH	R21AI097044	INHIBITORS TARGETING HIV INTEGRASE MULTIMERS	\$190,625
2011	GUILD ASSOCIATES INC	OH	R44AI082698	PHAGE-MEDIATED BIOLUMINESCENT DETECTION OF YERSINIA PESTIS	\$395,287
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI091637	THE ROLE OF NEMO UBIQUITINATION IN EDA-ID	\$235,500
2011	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,689,650
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R56AI080633	NITROSATIVE STRESS IN BACTERIA: MOLECULAR TARGETS AND MECHANISMS OF RESISTANCE	\$387,940
2011	Research Institute at Nationwide's Children's Hospital	OH	R56AI095684	MECHANISM OF RESPIRATORY SYNCYTIAL VIRUS FUSION	\$362,000
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI067093	MOLECULAR MECHANISMS REGULATING HIV ENTRY AND EXIT FROM LATENCY	\$371,372
2011	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$377,438
2011	OHIO STATE UNIVERSITY	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$367,538
2011	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$119,842
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,529,998
2011	OHIO STATE UNIVERSITY	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$360,555
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074932	HOMEOSTATIC REGULATION OF T LYMPHOCYTES	\$384,689
2011	Research Institute at Nationwide's Children's Hospital	OH	R01AI076398	THE AFFECT OF HORMONES AND OXYGEN-LIMITATION ON GONOCOCCAL PATHOPHYSIOLOGY	\$311,731
2011	OHIO STATE UNIVERSITY	OH	R01AI081581	NOVEL ASSAY FOR HIV-1 INTEGRASE INHIBITORS	\$377,438
2011	OHIO STATE UNIVERSITY	OH	R01AI077722	The Floral Dimension of African Malaria	\$643,630

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2011	OHIO STATE UNIVERSITY	OH	R01AI083456	Novel Mechanisms Regulating Posttransplant Humoral Alloimmunity	\$386,134
2011	OHIO STATE UNIVERSITY	OH	R03AI090231	VISUALIZATION OF CXCR3 ALLELIC USAGE IN VIVO	\$165,488
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K08AI093673	Role of Spi-C in eosinophil development and functional responses	\$90,824
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$384,689
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$346,221
2011	UNIVERSITY OF CINCINNATI	OH	R01AI076104	BIOFILM FORMATION BY PNEUMOCYSTIS	\$373,646
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069085	M. TUBERCULOSIS LIPOPROTEIN-TLR2 INTERACTIONS	\$378,564
2011	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI052067	RESEARCH TRAINING IN PEDIATRIC INFECTIOUS DISEASES	\$123,070
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI024717	Genetic Linkage in Lupus	\$425,034
2011	OHIO STATE UNIVERSITY	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRlichiosis	\$367,538
2011	OHIO STATE UNIVERSITY	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$371,250
2011	Research Institute at Nationwide's Children's Hospital	OH	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	\$130,923
2011	OHIO STATE UNIVERSITY	OH	T32AI065411	INTERDISCIPLINARY STUDY OF THE MICROBE-HOST INTERFACE	\$85,393
2011	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$1,949,299
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	\$374,888
2011	OHIO STATE UNIVERSITY	OH	R01AI083335	VIRULENCE FACTOR DISCOVERY IN THE SECRETED PROTEOME OF HISTOPLASMA CAPSULATUM	\$320,984
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,622,604
2011	UNIVERSITY OF CINCINNATI	OH	R01AI083313	Chemokine-Cytokine Nexus in Fungal Immunity	\$388,575
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R03AI090309	STRUCTURE-FUNCTION RELATIONSHIP OF THE ADENOVIRUS ASSEMBLY AND DNA PACKAGING PROT	\$75,694
2011	OHIO STATE UNIVERSITY	OH	R01AI090060	Messenger RNA Capping and Methylation in Pneumoviruses	\$173,955
2011	OHIO STATE UNIVERSITY	OH	R01AI090644	A METHOD TO STOP HIV REPLICATION:INHIBITION OF HUMAN PURINE UTILIZING PROTEINS	\$502,552

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2011	ARTERIOCYTE INC	OH	R43AI092989	RAPID, HIGH VOLUME PRODUCTION OF RETICULOCYTES FOR P. VIVAX MALARIA RESEARCH	\$219,995
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI092299	REAL-TIME MEASUREMENT OF SELF-ANTIGEN RECOGNITION BY LYMPHOCYTES IN VIVO	\$196,250
2011	OHIO STATE UNIVERSITY	OH	R21AI092417	MICRORNA MODULATION OF IMMUNE FUNCTION IN MULTIPLE SCLEROSIS	\$228,750
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI092434	NOROVIRUS P PARTICLE, A MULTIFUNCTIONAL PLATFORM FOR VACCINE DEVELOPMENT	\$229,438
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI093922	WHOLE GENOME SEQUENCING OF MALAGASY DUFFY-INDEPENDENT P. VIVAX	\$274,750
2011	UNIVERSITY OF CINCINNATI	OH	R56AI089775	GENDER-SPECIFIC ROLE OF AIM2 IN INFLAMMATION AND AUTOIMMUNITY	\$392,500
2011	Research Institute at Nationwide's Children's Hospital	OH	R56AI059603	DENDRITIC CELL FUNCTION IN LUNG VIRAL INFECTION	\$325,800
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069195	RECURRENT TREATMENT: EFFECT ON RURAL AND URBAN S. MANSONI POPULATION STRUCTURE	\$349,016
2011	OHIO STATE UNIVERSITY	OH	R01AI066208	BILE, BIOFILMS AND SALMONELLA GALLBLADDER CARRIAGE	\$360,555
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI049170	Impact of HIV-1 fitness on disease progression	\$371,372
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$384,689
2011	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$665,354
2011	UNIVERSITY OF CINCINNATI	OH	U01AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,635,950
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI073452	DYSREGULATION OF INNATE IMMUNE RESPONSES BY BORRELIA BURGDORFERI:A ROLE FOR IL-10	\$363,372
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088372	Allergenicity resulting from functional mimicry of the TLR complex	\$376,041
2011	Research Institute at Nationwide's Children's Hospital	OH	R01AI077897	HEME, IRON AND OXIDATIVE STRESS: REGULATION OF IRON HOMEOSTASIS IN H. INFLUENZAE	\$352,836
2011	OHIO STATE UNIVERSITY	OH	F31AI089031	REGULATION OF CD23 CLEAVAGE	\$34,346
2011	OHIO STATE UNIVERSITY	OH	R21AI095987	Vitamin D and the prevalence, incidence, and persistence of bacterial vaginosis	\$291,875
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087903	Folate Metabolism in Mycobacterium tuberculosis Revisited: A Potential Drug Targe	\$388,575
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R13AI095049	2011 CASE CFAR ANNUAL CONFERENCE	\$20,000
2011	UNIVERSITY OF CINCINNATI	OH	R03AI096014	CONDITIONS FOR RAPID MATING IN ASPERGILLUS FUMIGATUS	\$78,500
2011	WRIGHT STATE UNIVERSITY	OH	R21AI093268	MOLECULAR EVOLUTION OF AAV VECTORS FOR ANTI-HIV GENE THERAPY	\$193,346

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2011	OHIO STATE UNIVERSITY	OH	R56AI030010	EHRUCHIACIDAL MECHANISM IN LEUKOCYTES	\$381,250
2011	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$344,016
2011	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI069501	CASE AIDS CLINICAL TRIALS UNIT	\$3,140,238
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI068824	ALLOREACTIVE T CELL IMMUNITY IN HUMAN TRANSPLANT CANDIDATES	\$108,000
2011	UNIVERSITY OF CINCINNATI	OH	R01AI073337	IMMUNOPATHOGENESIS IN HISTOPLASMOSIS	\$382,239
2011	OHIO STATE UNIVERSITY	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$581,036
2011	MIAMI UNIVERSITY	OH	R15AI073994	Gliding motility and cytoadherence in Mycoplasma penetrans	\$314,880
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI076199	THE UTILITY OF INTERFERON-GAMMA RELEASE ASSAYS IN TB-HIV CO-INFECTED CHILDREN	\$532,394
2011	Research Institute at Nationwide's Children's Hospital	OH	R01AI076341	Mechanisms of Pneumococcal Adherence	\$317,553
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI074743	FUNCTIONAL ANALYSIS OF NK CELLS AND THEIR POTENTIAL TO GENERATE CTL RESPONSES	\$367,538
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI085578	VIRAL PATHOGENESIS OF IDIOPATHIC BONE MARROW FAILURE AND IMMUNE CYTOPENIAS	\$384,689
2011	CASE WESTERN RESERVE UNIVERSITY	OH	K22AI079388	DUFFY ANTIGEN PRESENTATION AND ITS CORRELATION TO PARASITE INVASION	\$108,000
2011	UNIVERSITY OF CINCINNATI	OH	R21AI096823	MYELOID CELL KLF2 AND IL-4 IN HISTOPLASMOSIS	\$241,249
2011	UNIVERSITY OF TOLEDO	OH	R13AI096720	American Society for Virology Meeting - Jr. Investigator Support Proposal	\$15,000
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI091526	Synergistic effect of HIV virions and bacterial LPS on memory B cell apoptosis	\$314,000
2011	UNIVERSITY OF CINCINNATI	OH	R01AI064893	SHIGA TOXIN PRODUCTION AND ROLE IN PATHOGENESIS	\$363,043
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	BEHAVIORAL AND VIROLOGIC IMPACT OF HPV IMMUNIZATION	\$518,311
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$311,850
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$374,888
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$715,983
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$340,157
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI090129	Regulation of TH2 memory/effector cells during allergic inflammation	\$378,469
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI088559	ROLE FOR ACIDITY AND GPR65 IN FOOD ALLERGY	\$226,958
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$977,357

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2011	Research Institute at Nationwide's Children's Hospital	OH	R01AI092117	Novel Calcium Release Mechanism Regulates Dendritic Cell Function	\$362,000
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI095289	Trefoil Factors Regulate Th2 Immunity	\$382,500
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI095192	Naturally Acquired Immunity to Malaria during the Epidemiologic Transition in Ken	\$638,461
2011	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predocctoral	\$175,272
2011	OHIO STATE UNIVERSITY	OH	K02AI077341	HIV-1 INTEGRASE STRUCTURE AND FUNCTION AS A THERAPEUTIC TARGET	\$98,798
2011	OHIO STATE UNIVERSITY	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$367,538
2011	UNIVERSITY OF CINCINNATI	OH	R01AI072040	IGG ISOTYPE REGULATION OF ANTIBODY-MEDIATED DISORDERS	\$369,933
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI070078	METABOLIC COMPLICATIONS OF HIV AND RESPONSES TO PIOGLITAZONE	\$129,060
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI073963	HOST GENETIC CONTRIBUTION TO HCV OUTCOMES	\$519,913
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$346,179
2011	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI080596	MOLECULAR MECHANISMS OF C.ALBICANS - LEUKOCYTE INTEGRIN INTERACTIONS	\$346,221
2011	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	K22AI083372	FRANCISELLA TULARENSIS INTRACELLULARLY-INDUCED OUTER MEMBRANE PROTEINS	\$108,000
2011	UNIVERSITY OF CINCINNATI	OH	R01AI089450	Receptor Mimics for Rapid Detection, Typing, and Susceptibility Testing of Influe	\$380,637
2011	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$310,860
2011	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088116	EXPLAINING RACIAL DISPARITIES IN CHILD ASTHMA MORBIDITY	\$698,826
2011	UNIVERSITY OF CINCINNATI	OH	R21AI096958	OCCULT HEPATITIS B INFECTION IN SOUTH AFRICAN HIV PATIENTS	\$222,065
2011	OHIO STATE UNIVERSITY	OH	R21AI091420	NOVEL APPROACHES TO ATTENUATE LIPOPOLYSACCHARIDE-INDUCED INFLAMMATION	\$228,750
2011	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI067858	CONTROL OF TYPE III SECRETION IN SHIGELLA BY LPAD	\$352,443
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI082057	DISCOVERY AND TARGETING OF WEST NILE VIRUS EPITOPES	\$1,185,329
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,840,289
2011	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI090149	A MECHANISM FOR SHIGELLA TYPE III SECRETION ACTIVATION	\$178,208
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI085258	PROGRESSION OF AUTOIMMUNITY DURING PUBERTY IN SLE	\$328,723

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$367,939
2011	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI094124	STRUCTURAL CHROMOSOME MAINTENANCE IN PSEUDOMONAS AERUGINOSA	\$187,500
2011	IMMUNO-MYCOLOGICS INC	OK	R41AI096945	POINT-OF-CARE IMMUNOASSAY FOR DIAGNOSIS OF HISTOPLASMOSIS IN HIV/AIDS	\$299,712
2011	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI072710	ANALYSIS OF THE COXIELLA BURNETII TYPE IV SECRETION SYSTEM DURING INFECTION	\$347,164
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI087485	IDENTIFICATION OF HOST GENES IMPORTANT FOR GROWTH OF THE AIDS OPPORTUNISTIC PATHO	\$219,780
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI090343	ROLE OF THE TRANSCRIPTION FACTOR ARID3A IN LUPUS	\$201,713
2011	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R21AI092486	RECONSTITUTION OF TWO-MEMBRANE TRANSPORTERS INTO HIGH-DENSITY LIPOPROTEIN PARTICL	\$222,450
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI048097	T CELL TOLERANCE & AUTOIMMUNITY TO NUCLEAR ANTIGEN LA	\$282,398
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI020069	EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	\$399,391
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$710,534
2011	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI085161	Chemically diverse antimicrobials from silent biosynthetic pathways	\$366,573
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI059373	OUTER MEMBRANE PROTEINS OF BORRELIA BURGDORFERI	\$329,291
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI050933	HUMAN & MOUSE ANTIBODIES AGAINST INFLUENZA VIRUS	\$358,962
2011	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI081928	STRUCTURE-FUNCTION STUDIES ON IL-18, IL-18 BINDING PROTEINS AND RECEPTORS	\$326,320
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$321,616
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI085310	SURFACE LIPOPROTEINS AND SERUM RESISTANCE IN BORRELIA BURGDORFERI	\$181,405
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI094377	IDENTIFICATION OF LUPUS PREDISPOSING VARIANTS BY COMPARING MULTIPLE POPULATIONS	\$243,000
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI056129	NOTCH-INDUCED PROTEIN DEGRADATION IN LYMPHOPOIESIS	\$399,391
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI018220	THE REGULATION OF INFLAMMATORY RESPONSES BY CD73	\$403,425
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$430,136

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2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$696,347
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	P01AI083194	GENOMICS OF LUPUS	\$1,904,254
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI090672	DISCOVERY AND TARGETING OF HIV-1 ASSOCIATED ANTIGENS	\$509,781
2011	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$323,066
2011	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$363,132
2011	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI090685	Broad-spectrum Antifolates for Treatment of Drug Resistant Bacillus anthracis	\$915,887
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI092511	REGULATION OF DENDRITIC CELLS BY ESTROGEN RECEPTORS DURING INFLUENZA INFECTION	\$244,500
2011	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI088546	REGULATION OF NKT CELL DEVELOPMENT AND FUNCTION BY C-MYB	\$201,713
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076351	CHARACTERIZATION OF THE PHAGOSOME DURING MYCOBACTERIUM TUBERCULOSIS INFECTION	\$130,275
2011	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$361,845
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$1,067,213
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI023682	GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA DONOVANI	\$377,339
2011	VITI INC	OR	R43AI091267	A CD8+ T CELL DIAGNOSTIC TO IDENTIFY CHILDREN WITH PULMONARY TUBERCULOSIS	\$300,000
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI092313	ROLE AND FUNCTION OF SPX PARALOGS OF BACILLUS ANTHRACIS	\$238,523
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI095113	Development and In Vivo Characterization of Safety-Enhanced RhCMV/SIV Vectors	\$855,999
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI078965	MECHANISMS OF RECOGNITION BY MYCOBACTERIUM TUBERCULOSIS-REACTIVE THYMOCYTES	\$285,245
2011	OREGON STATE UNIVERSITY	OR	R21AI085540	ANTI-INFECTIVE NATURAL PRODUCTS FROM DEEP SEA VENT ORGANISMS	\$175,228
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI094417	Development of an Effector-Memory T Cell AIDS Vaccine	\$3,500,000
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$103,004
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$303,733
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI090490	Characterization of Vpu-mediated degradation of BST-2	\$405,900
2011	UNIVERSITY OF OREGON	OR	F32AI091098	MECHANISTIC INVESTIGATIONS OF HELICOBACTER PYLORI CHEMOTAXIS	\$51,326

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2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$370,170
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI019018	IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	\$370,170
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$385,476
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI074379	NOVEL ANTIGEN DISPLAY SYSTEM TO PRESENT MULTIPLE ANTIGENS HIV VACCINES	\$350,609
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI078903	INFLAMMATION AND T LYMPHOCYTE IMMUNOREGULATION	\$298,044
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	\$3,039,791
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI087474	IDENTIFYING ENDOGENOUS RETROVIRUS T CELL TARGETS IN SIV-INFECTED MACAQUES	\$216,563
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI088442	DEVELOPMENT OF A FOUNDER-BASED CMV VACCINE TO INTERRUPT EBOLA VIRUS TRANSMISSION	\$202,950
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI065981	IRON AND PATHOGENESIS IN INFECTIONS BY VIBRIO VULNIFICUS	\$370,170
2011	OREGON STATE UNIVERSITY	OR	R01AI016137	UNDERLYING MECHANISMS OF SCHISTOSOME/SNAIL COMPATIBILITY	\$352,177
2011	PORTLAND STATE UNIVERSITY	OR	R01AI051629	Phoslactomycins: Biosynthesis & Activity	\$296,936
2011	PORTLAND STATE UNIVERSITY	OR	R01AI079182	ANTITOXOPLASMOSIS DRUG DESIGN AND OPTIMIZATION	\$365,721
2011	VIROGENOMICS BIODEVELOPMENT INC	OR	R43AI082834	Development of a plant-grown subunit vaccine against respiratory syncytial virus	\$290,747
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI088275	TYPE IV SECRETION DETERMINANTS IN EFFECTOR PROTEINS OF COXIELLA BURNETII	\$190,575
2011	OREGON STATE UNIVERSITY	OR	R01AI065604	REGULATING CATHELICIDIN EXPRESSION FOR DISEASE THERAPY	\$351,421
2011	OREGON STATE UNIVERSITY	OR	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$12,154
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U54AI081680	PACIFIC NORTHWEST REGIONAL CENTER OF EXCELLENCE (PNWRCE)	\$8,113,612
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$127,440
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI095776	Human MAIT celis in airway mucosal immune responses to intracellular infections	\$2,198,947
2011	NAJIT TECHNOLOGIES INC	OR	R44AI079898	Development of a Yellow Fever Vaccine for Vulnerable Population	\$999,884
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI092210	BRONCHODILATOR EFFECTS OF TOLL-LIKE RECEPTOR-7 AGONISTS.	\$385,000
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070934	B CELL SUBSETS AS ANTIGEN-PRESENTING CELLS IN PERIPHERAL SELF-TOLERANCE	\$370,170
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070890	MODULATION OF INNATE IMMUNE RESPONSES BY CYTOMEGALOVIRUS	\$377,339

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2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$339,605
2011	13THERAPEUTICS INC	OR	R44AI065000	BACTERIAL-INDUCED SEPSIS: A NEW TREATMENT STRATEGY	\$999,605
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$370,170
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13AI096534	INTERNATIONAL HERPESVIRUS WORKSHOP	\$10,000
2011	DESIGNMEDIX INC	OR	R41AI094959	Preclinical development of novel small molecule malaria drugs that overcome drug	\$300,000
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI075192	PURINE SALVAGE PATHWAY OF CRYPTOSPORIDIUM PARVUM	\$373,983
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI022933	GENETIC ANALYSIS OF SALMONELLA TYPHIMURIUM VIRULENCE	\$423,256
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$488,336
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$381,150
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI082529	REJUVENATION OF THE T-CELL COMPARTMENT IN AGING PRIMATES	\$714,414
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI074494	TRAINING PROGRAM IN VIROLOGY	\$234,303
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$436,097
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI087840	TB Membrane Transporters and Intrinsic Resistance	\$394,855
2011	OREGON STATE UNIVERSITY	OR	R21AI088570	PLEUROMUTILIN BIOSYNTHETIC STUDIES	\$180,923
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067522	ROLE OF MACROPHAGE COSTIMULATORY MOLECULES IN POLYMICROBIAL SEPSIS	\$370,170
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI050823	IMAGING AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$298,740
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$1,924,641
2011	OREGON STATE UNIVERSITY	OR	R21AI088540	ANALYSIS OF CHLAMYDIAL RECOMBINATION IN VIVO	\$180,923
2011	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI092080	The non-canonical NF-kappaB pathway in survival and function of T lymphocytes	\$385,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	K02AI078766	HIV RESTRICTION IN CD4+ T CELLS: HOST AND VIRAL FACTORS	\$81,000
2011	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$367,538
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$1,136,831
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI039501	ACCESSING THE MHC CLASS I PROCESSING PATHWAY	\$264,995
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$350,741
2011	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$264,038

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2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$331,896
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$414,117
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$897,728
2011	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$332,722
2011	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$252,616
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$704,040
2011	DREXEL UNIVERSITY	PA	R01AI069147	VARIANT SURFACE ANTIGENS AND IMMUNITY TO MALARIA	\$436,058
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI082623	RT INHIBITOR CSIC AND ENTRY INHIBITOR RETROCYCLIN RC101 AS MICROBICIDES	\$1,778,287
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$366,997
2011	UNIVERSITY OF PENNSYLVANIA	PA	K08AI073102	EFFECT OF TREG CELLS ON CD4+TH IMMUNE RESPONSES DURING ACUTE FIV INFECTION	\$126,630
2011	UNIVERSITY OF PENNSYLVANIA	PA	K01AI079162	MATHEMATICAL TECHNIQUES FOR CONTROL OF EPIDEMIC TRYPANOSOMA CRUZI TRANSMISSION	\$105,194
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$453,419
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI055794	DENDRITIC CELL-BASED IMMUNOTHERAPY FOR HIV INFECTION	\$74,249
2011	PHILADELPHIA RESEARCH EDUCATION FOUNDATION	PA	R01AI081717	The Role of Glycolipids and CD1 in the Immunology of Leishmania Infection	\$306,281
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI079047	THE ROLE OF E47 IN UNCOMMITTED HEMATOPOIETIC PROGENITORS	\$328,792
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$390,496
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087990	FUNCTIONAL BIOLOGY OF INTESTINAL EPITHELIAL CELLS IN FOOD ALLERGY	\$254,678
2011	UNIVERSITY OF PITTSBURGH	PA	R21AI081084	ELUCIDATING MOLECULAR MECHANISMS OF YELLOW FEVER VIRUS VIRULENCE	\$224,218
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI096553	T and B cell Homeostasis After Induction Therapy in Kidney Transplantation	\$374,203
2011	UNIVERSITY OF PENNSYLVANIA	PA	R13AI093006	ANNUAL WOODS HOLE IMMUNOPARASITOLOGY (WHIP) MEETING	\$10,000
2011	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R21AI088480	AUTOIMMUNITY-ASSOCIATED GENES IN NEW RAT MODELS: VALIDATION OF HUMAN GWAS GENES	\$193,728
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091595	Great Ape Reservoirs of Human Malaria	\$685,899
2011	DREXEL UNIVERSITY	PA	R21AI088423	ROLE OF MICRORNAS IN CORONAVIRUS-INDUCED LETHAL ENCEPHALITIS	\$231,688

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2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI091791	TARGETING THE MTOR SIGNALING PATHWAY IN AUTOIMMUNE LYMPHOPROLIFERATIVE SYNDROME	\$432,341
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI067946	DIRECTING FUNCTION AT THE NATURAL KILLER CELL SECRETORY IMMUNOLOGICAL SYNAPSE	\$335,000
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI067544	REGULATION OF T CELL ACTIVATION AND DIFFERENTIATION BY TIM-1	\$280,546
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$302,866
2011	UNIVERSITY OF PENNSYLVANIA	PA	K24AI073957	NEIGHBORHOOD LEVEL DETERMINANTS OF PNEUMOCOCCAL DISEASE TRANSMISSION	\$195,720
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$419,446
2011	DREXEL UNIVERSITY	PA	R01AI035661	VACCINE INDUCED IMMUNE RESPONSES TO PLASMODIAL ANTIGENS	\$330,785
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052861	MECHANISMS OF LYMPHOID LINEAGE COMMITMENT	\$376,900
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$416,537
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,778,012
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042370	HELPER T CELL REGULATION IN MURINE LEISHMANIASIS	\$385,914
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$385,914
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$378,464
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$708,586
2011	TEMPLE UNIVERSITY	PA	R01AI047325	Neuropeptides and Regulatory T Cells	\$371,250
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$388,892
2011	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$2,898,353
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI080424	NEGATIVE EFFECTS OF IRRADIATED HOSTS ON TRANSPLANTED HEMATOPOIETIC STEM CELLS	\$371,213
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI073561	MOLECULAR PATHOGENESIS OF IMMUNE DYSFUNCTION IN WISKOTT-ALDRICH-SYNDROME	\$371,213
2011	UNIVERSITY OF PENNSYLVANIA	PA	P01AI073489	IMMUNE CHEMISTRY AND THERAPEUTIC FEATURES OF FOXP3	\$1,476,727
2011	WISTAR INSTITUTE	PA	R01AI073219	NK/DC CROSS-TALK AND ANTIVIRAL RESPONSE	\$772,006
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$365,587

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2011	TEMPLE UNIVERSITY	PA	R01AI076423	REGULATION OF TYPE I IFNS IN TOLERANCE AND AUTOIMMUNITY	\$322,922
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI080290	ORIGIN AND EVOLUTION OF HIV-1 DRUG RESISTANCE IN THE RT-SHIVMNE MACAQUE MODEL	\$328,517
2011	UNIVERSITY OF PENNSYLVANIA	PA	F32AI085828	DISSECTING INNATE IMMUNITY TO HELMINTH PARASITES	\$51,326
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081913	Interactions of Ebola virus glycoproteins with host cells	\$391,155
2011	UNIVERSITY OF PITTSBURGH	PA	F32AI085633	INTERACTION BETWEEN THE EPITHELIUM AND MAST CELLS IN SEVERE ASTHMA	\$58,682
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080654	Vibrio cholerae-host interaction at the Intestinal Interface	\$411,150
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072197	Mechanisms of social-stress enhanced allergic airway response in a mouse model	\$402,390
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI088172	DEFINING VIBRIO CHOLERAEE VIRULENCE CIRCUITRY USING BIOINFORMATICS AND GENETICS	\$197,532
2011	NOVIRA THERAPEUTICS INC	PA	R43AI093254	IDENTIFICATION OF NOVEL HIV CAPSID ASSEMBLY INHIBITORS (HIT-TO-LEAD DEVELOPMENT)	\$285,318
2011	DREXEL UNIVERSITY	PA	R21AI093248	HIV-1 GP120 CONFORMATIONAL TRANSITIONS IN ACTIVATION AND ANTAGONISM	\$238,894
2011	UNIVERSITY OF PITTSBURGH	PA	K22AI083882	INDUCTION OF TH 17 IMMUNITY BY DIFFERENT CUTANEOUS DENDRITIC CELL POPULATIONS	\$107,660
2011	THOMAS JEFFERSON UNIVERSITY	PA	K22AI081866	MAINTENANCE OF THE VIRUS-SPECIFIC T CELL EQUILLIBRIUM IN CHRONIC MCMV INFECTION	\$108,000
2011	RENIGUARD LIFE SCIENCES INC	PA	R43AI085739	IMPROVED DETECTION OF DRUG-RESISTANCE BY HEPATITIS B VIRUS	\$300,000
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI089803	Structure and Function of the Herpesvirus Capsid	\$436,396
2011	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI081218	NON-VIRAL GENETIC MODIFICATION OF ANTIGEN-PRESENTING CELLS IN ALLOGRAFTS	\$357,100
2011	VENATORX PHARMACEUTICALS INC	PA	R43AI096679	PRESERVING BETA-LACTAM UTILITY AGAINST PATHOGENS PRODUCING ALL CLASSES OF BETA-LA	\$300,000
2011	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R13AI094960	19TH INTERNATIONAL PHAGE CONFERENCE, 2011.	\$8,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI097045	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$629,230
2011	THOMAS JEFFERSON UNIVERSITY	PA	R56AI095974	MULTISUBUNIT VIRAL ATPASES THAT COUPLE ATP-HYDROLYSIS TO GENOME TRANSLOCATION	\$310,000
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$491,783
2011	DREXEL UNIVERSITY	PA	R01AI068137	PLASMODIUM INVASION MACHINERY	\$618,975

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2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI070807	REGULATION OF FOXP3 FUNCTION	\$362,760
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI037859	FUNCTION OF CD8 T CELLS IN TUBERCULOSIS	\$321,820
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050484	RNA DELIVERY FOR DENDRITIC CELL HIV ANTIGEN PRESENTATION	\$385,914
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI050732	CD4 T CELLS IN TUBERCULOSIS	\$492,299
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$303,164
2011	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$409,927
2011	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$390,103
2011	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$185,982
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076342	CAUSES AND CONSEQUENCES OF OSPC VARIATION IN BORRELIA BURGDORFERI TO LYME DISEASE	\$346,996
2011	UNIVERSITY OF PENNSYLVANIA	PA	K08AI070153	FUNCTION OF T CELL TOLL-LIKE RECEPTORS	\$137,619
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$171,084
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI077913	OPTIMIZING THE FORMULATION OF A PROTEIN BASED SMALLPOX VACCINE	\$490,719
2011	UNIVERSITY OF PENNSYLVANIA	PA	K01AI070001	RISK FACTORS AND PREDICTION OF LIVER DISEASE IN HIV/HCV	\$133,029
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074626	CHARACTERIZATION OF THE LA CROSSE VIRUS GLYCOPROTEIN FUSION PEPTIDE	\$342,060
2011	UNIVERSITY OF PITTSBURGH	PA	U24AI082673	NOVEL MODIFIERS OF TOLL-LIKE AND RIG-LIKE RECEPTOR SIGNALING	\$285,144
2011	TEMPLE UNIVERSITY	PA	R01AI080968	DISCOVERY OF NOVEL MACROLIDE ANTIBIOTICS	\$346,394
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI077511	USE OF SUBSTANCE P ANTAGONISTS TO REGULATE THE SKIN IMMUNE FUNCTION	\$371,213
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085160	Signals Affecting Homestasis and Tolerance in Memory T Cells	\$385,313
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI081314	CONTROL OF ALPHA-BETA/GAMMA-DELTA T LINEAGE COMMITMENT	\$427,569
2011	VENATORX PHARMACEUTICALS INC	PA	R01AI089512	DEVELOPMENT OF NEW BETA-LACTAMASE INHIBITORS FOR RESISTANT CATEGORY B FOOD/WATER-	\$1,797,639
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090284	INNATE IMMUNE DEFENSES AGAINST FILOVIRUSES.	\$237,600
2011	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R21AI093524	IDENTIFICATION OF BACTERIAL GENES REQUIRED FOR TRANSMISSION OF TICK-BORNE PATHOGE	\$125,000

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2011	UNIVERSITY OF PITTSBURGH	PA	R01AI090825	INNATE/ SIV DNA VACCINE INDUCED IMMUNITY IN THE PROTECTED MACAQUE MUCOSA	\$745,851
2011	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$2,396,779
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI087533	Topology, Antigenicity, and Immunogenicity of the C-terminal Tail (CTT) of HIV-1	\$542,075
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI085570	Novel virulence and exoenzyme regulators	\$361,629
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$388,658
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093666	A novel single dose vaccine for pre-and post-exposure prophylaxis of rabies	\$387,313
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI095353	Targeting Sirtuin-1 to enhance Foxp3+ regulatory T-cell function	\$129,951
2011	PHARMABRIDGE INC	PA	R44AI077123	NOVEL HBV THERAPEUTIC WITH POTENTIAL FOR TREATMENT OF DRUG-RESISTANT INFECTION	\$1,000,000
2011	WISTAR INSTITUTE	PA	K22AI091651	ELUCIDATION OF MECHANISMS THAT CONTRIBUTE TO ANTIGENIC DRIFT OF INFLUENZA VIRUSES	\$162,000
2011	UNIVERSITY OF PITTSBURGH	PA	R56AI091576	SEROLOGIC MEMORY AND PREVENTION OF PNEUMOCYSTIS-RELATED COPD IN AIDS MACAQUE MODE	\$748,854
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI094896	G-Protein Coupled Receptor Kinase-2 on IgE Signaling in Mast Cells	\$200,000
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI068907	TRANSCRIPTIONAL CONTROL OF TH-POK, A KEY REGULATOR OF LINEAGE CONTROL	\$496,340
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI064553	MALARIA HATS IN TRANSCRIPTION REGULATION	\$408,129
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$374,963
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$417,622
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI043745	Gene Therapy for Canine X-linked SCID	\$626,059
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042334	REGULATION OF THE EARLY IMMUNE RESPONSE TO TOXOPLASMA GONDII	\$392,040
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$385,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073939	TRANSITIONAL B CELL SELECTION DURING PERIPHERAL B LYMPHOPENIA AND RECONSTITUTION	\$378,583
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$392,040
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4Ralpha signaling pathways in human airways through 15 LO1	\$366,428
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI052281	RECEPTORS AND SIGNALS IN COXSACKIEVIRUS PATHOGENESIS	\$395,409

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2011	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,916,583
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$427,831
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B CELLS IN THE PATHOGENESIS OF ALLOGRAFT REJECTION	\$334,092
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$606,322
2011	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$510,005
2011	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$2,100,602
2011	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$587,040
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$646,234
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI083383	EFFICACY OF THE ANTIVIRAL STATE VERSUS SINDBIS AND VENEZUELAN EQUINE ENCEPHALITIS	\$337,466
2011	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$2,809,788
2011	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R42AI081334	Human Rabies Virus Vaccine Development	\$414,018
2011	UNIVERSITY OF PITTSBURGH	PA	K22AI079378	TRANSLATION REGULATION IN TRYPANOSOMA BRUCEI	\$108,000
2011	UNIVERSITY OF PITTSBURGH	PA	R21AI085513	ADENOVIRAL-BASED VACCINE PLATFORM TO OVERCOME NEUTRALIZING IMMUNITY	\$224,978
2011	INSTITUTE FOR CANCER RESEARCH	PA	F32AI089077	BASIS FOR LINEAGE-SPECIFIC CONTROL OF PTEN EXPRESSION BY RPL22	\$51,326
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI088376	HS1 FUNCTION IN DENDRITIC CELLS	\$248,738
2011	UNIVERSITY OF PITTSBURGH	PA	R21AI090178	Identification of novel DNA repair mechanisms in Mycobacterium tuberculosis	\$227,250
2011	UNIVERSITY OF PITTSBURGH	PA	R21AI093511	NEURON SPECIFIC FUNCTIONS OF HSV-1 ICP4	\$189,375
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI095608	Innate immune regulation of airway inflammation	\$360,000
2011	UNIVERSITY OF PITTSBURGH	PA	R56AI095224	THE ROLE OF NOVEL, UNCULTIVABLE BACTERIA IN INCIDENT PID	\$773,525
2011	UNIVERSITY OF PENNSYLVANIA	PA	R56AI050059	AUTOIMMUNE ENCEPHALOMYELITIS AND C-REL	\$320,000
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070925	INVESTIGATION OF SV5 BUDDING MECHANISMS	\$313,683
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$830,518
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$371,213
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$689,250
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049344	COMPLEMENT REGULATORY PROTEINS AND AUTOIMMUNE DISEASE	\$378,583
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$387,750

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2011	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$487,554
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$396,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$364,992
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$377,853
2011	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$558,565
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$364,276
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$234,695
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$523,504
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI072083	INTERACTION OF MICROVESICLES AND BACTERIAL TOXINS WITH IMMUNE CELLS	\$351,587
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$269,664
2011	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$394,751
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072106	THERMODYNAMIC AND STRUCTURAL STUDIES ON THE FORMATION OF THE C3 CONVERTASE	\$401,295
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI076256	ALTERNATIVE STRATEGIES FOR ADULT PNEUMOCOCCAL VACCINATION	\$222,728
2011	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$324,169
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI077533	REGULATION OF IMMUNITY AND INFLAMMATION BY TIPE2	\$385,914
2011	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$369,890
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$1,396,058
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080337	IMMUNOLOGY AND OUTCOMES AFTER HAART IN HIV/TB COINFECTION	\$771,364
2011	TEMPLE UNIVERSITY	PA	R01AI084065	CB2 RECEPTOR REGULATIN OF INFLAMMATORY RESPONSE IN EAE	\$421,666
2011	WISTAR INSTITUTE	PA	R01AI094603	Early Innate/IgA Anti-HIV/SIV Response in Exposed Uninfected	\$829,776
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI094661	NANO-CHIP HIV DETECTION IN VULNERABLE POPULATIONS	\$185,661
2011	DREXEL UNIVERSITY	PA	R21AI093172	MODELING HTLV-1 INFECTION AND CELLULAR IMMUNE RESPONSE IN HLA-A2-TRANSGENIC MICE	\$192,760

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2011	UNIVERSITY OF PITTSBURGH	PA	R33AI079801	MICROBICIDE PROPERTIES OF RT INHIBITOR COMBINATIONS	\$450,168
2011	DMX INC	PA	R43AI085783	NOVEL PROTEIN ADJUVANT FOR FLU VACCINES	\$300,000
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI094514	DESIGNING OPTIMAL MICROBICIDE DELIVERY INTEGRATING RHEOLOGY AND ACCEPTABILITY	\$214,036
2011	THOMAS JEFFERSON UNIVERSITY	PA	R21AI090158	Evaluation of Small Molecule Inhibitors of Hemoglobin Transport as Antimalarials	\$232,500
2011	UNIVERSITY OF PITTSBURGH	PA	F32AI096772	Synergy between TLR2 and IL-22R in airway epithelial cells during MRSA challenge	\$48,398
2011	PENNSYLVANIA STATE UNIVERSITY	PA	T32AI074551	Training in Animal Models of Inflammation	\$84,290
2011	HEPATITIS B FOUNDATION	PA	R13AI094884	2011 INTERNATIONAL MEETING ON THE MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES	\$20,000
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI091670	"Perturbation of peripheral B cell tolerance by the lupus susceptibility loci"	\$387,500
2011	INTEGRAL MOLECULAR INC	PA	R43AI096936	HIGH-THROUGHPUT EPITOPE MAPPING OF ANTI-VIRAL ANTIBODIES	\$242,376
2011	UNIVERSITY OF PENNSYLVANIA	PA	R00AI087963	MOLECULAR AND CELLULAR CHARACTERIZATION OF HOST RESPONSE PATHWAYS TRIGGERED BY VA	\$249,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI092398	DISEASE-RELATED DEFECTS IN DENDRITIC CELL PROCESSING OF BACTERIAL ANTIGENS	\$240,000
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$327,090
2011	DREXEL UNIVERSITY	PA	R56AI064844	ROLE OF HEPATITIS B VIRUS X PROTEIN IN HBV REPLICATION	\$379,792
2011	WISTAR INSTITUTE	PA	R56AI088102	TRANSCRIPTIONAL REGULATION OF T CELL ACTIVATION BY FOX FAMILY TRANSCRIPTION FACTO	\$423,250
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$385,914
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$487,023
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI048849	MHC CLASS I ANTIGEN PRESENTATION IN VIRAL INFECTIONS	\$419,446
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI049335	DEVELOPMENT AND FUNCTION OF NATURAL AUTOREACTIVE B CELLS	\$427,569
2011	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$371,250
2011	UNIVERSITY OF PITTSBURGH	PA	U01AI069494	UNIVERSITY OF PITTSBURGH CLINICAL TRIALS UNIT	\$2,750,819
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$400,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$380,866
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,743,404
2011	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$224,828

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2011	UNIVERSITY OF PITTSBURGH	PA	R01AI073940	NOVEL BACTERIAL PATHOGENS IN PELVIC INFLAMMATORY DISEASE	\$576,974
2011	TEMPLE UNIVERSITY	PA	R01AI076535	COMBINATION THERAPIES FOR CHRONIC HBV, LIVER DISEASE AND CANCER	\$347,054
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$356,070
2011	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	\$126,495
2011	CARNEGIE-MELLON UNIVERSITY	PA	R01AI076318	INFERRING IN VIVO CAPSID ASSEMBLY KINETICS FROM IN VITRO BY STOCHASTIC SIMULATION	\$285,863
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI080765	NEDD4-FAMILY UBIQUITINATION NETWORKS THAT REGULATE T CELL FUNCTION	\$403,066
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI079057	ROLE OF CD91 AND ITS LIGANDS IN IMMUNE RESPONSE	\$328,493
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI085422	DEVELOPMENT OF SMALL MOLECULE INHIBITORS HUMAN ALTRENATIVE PATHWAY COMPLEMENT	\$192,530
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI085837	DEFINING MECHANISMS FOR HOW NDFIP1 REGULATES T CELL-MEDIATED ALLERGIC RESPONSES	\$51,326
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI079396	MECHANISMS AND THERAPEUTIC USE OF CR3 SIGNALING IN MODULATING AUTOIMMUNITY	\$133,920
2011	UNIVERSITY OF PENNSYLVANIA	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$1,882,718
2011	INSTITUTE FOR CANCER RESEARCH	PA	U19AI083008	IMMUNE MECHANISMS THAT CONTROL ECTROMELIA VIRUS INFECTION	\$1,990,501
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$2,803,793
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI079211	REPLICATION-DEFICIENT RABIES VECTORS AGAINST RABIES INFECTION	\$378,564
2011	UNIVERSITY OF PITTSBURGH	PA	R21AI093116	TARGETING C-KIT IN DENDRITIC CELLS TO CONTROL ALLERGIC IMMUNE RESPONSES	\$187,481
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI087516	UNDERSTANDING HIV ESCAPE USING ATOMIC FORCE MICROSCOPY	\$214,341
2011	DREXEL UNIVERSITY	PA	R21AI087388	HIGH-THROUGHPUT COMPUTATIONAL DOCKING SCREEN FOR SMALL-MOLECULE INHIBITORS OF HIV	\$191,194
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI093566	Nedd4-family adaptors and their regulation of T cell function	\$418,750
2011	DREXEL UNIVERSITY	PA	R01AI094474	Development of a novel drug candidate that inhibits hepatitis B virus covalently	\$824,100

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2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090265	DEVELOPMENT OF A NOVEL ANTIBODY THERAPY FOR CLOSTRIDIUM DIFFICILE INFECTION	\$237,600
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090700	LONG-LIVED ANTIBODY SECRETING CELLS	\$190,954
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI089982	THE ROLE OF INKTS IN EOSINOPHILIC ESOPHAGITIS.	\$125,577
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI096036	EFFECTS OF TEMPERATURE ON MOSQUITO IMMUNITY AND VECTOR COMPETENCE: DO SOME LIKE I	\$257,950
2011	SWARTHMORE COLLEGE	PA	R15AI094483	ADAMANTANE DRUG BINDING TO MEMBRANE-BOUND INFLUENZA A M2 PROTEIN	\$308,849
2011	UNIVERSITY OF PENNSYLVANIA	PA	R56AI091516	ENTRY CORECEPTOR USE & TARGET CELL TROPISM IN NONPATHOGENIC SIV INFECTION	\$448,643
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052789	KSHV-ORI-LYT-DEPENDENT DNA REPLICATION	\$385,914
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$493,824
2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$297,389
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$141,472
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$372,946
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI071043	POSITIVE SELECTION-DEPENDENT SKIN-HOMING OF FETAL THYMIC GAMMA/DELTA T CELLS	\$303,225
2011	WISTAR INSTITUTE	PA	R01AI024541	RECEPTOR DIVERSITY IN RECOGNITION OF INFLUENZA HA	\$444,814
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$403,066
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAE INFECTION	\$371,951
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032592	DEVELOPMENTAL B CELL TOLERANCE AND NEGATIVE SELECTION	\$357,085
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	U01AI069467	PHILADELPHIA IMPAACT CLINICAL TRIALS UNIT	\$1,838,701
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$232,670
2011	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$425,186
2011	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$334,092
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$333,894
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$354,701

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2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI038965	NEGATIVE SELECTIVE OF AUTOREACTIVE ANTIBODIES	\$372,574
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068942	CHARACTERIZATION OF NADH TYPE II OXIDOREDUCTASE FROM MYCOBACTERIUM TUBERCULOSIS	\$377,631
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$340,708
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI073556	ROLE OF FSTL-1 IN ARTHRITIS	\$371,213
2011	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	\$1,787,333
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$363,026
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076257	INITIATION OF IMMUNE RESPONSE IN CHRONIC LEISHMANIASIS	\$385,914
2011	UNIVERSITY OF PENNSYLVANIA	PA	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$131,976
2011	DREXEL UNIVERSITY	PA	R01AI084117	CHIMERIC VIRUCIDES BASED ON A NOVEL THEORY OF VIRAL METASTABILITY	\$338,538
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$385,914
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078538	BACTERIAL AND HOST FACTORS IN PNEUMOCOCCAL COMPETITION	\$380,011
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$161,411
2011	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R03AI083149	DISCOVERY OF A URINE BIOMARKER OF HIV FOR NONINVASIVE, POINT-OF-CARE TESTING USE	\$76,478
2011	UNIVERSITY OF PITTSBURGH	PA	R03AI096296	ENDOSCOPIC BIOPSY OF ISLET TRANSPLANTS IN THE GASTRIC SUBMUCOSAL SPACE IN PIGS	\$75,750
2011	SONITU PHARMACEUTICALS LLC	PA	R43AI084287	Broad Spectrum Antidotes against Superantigen Toxins	\$300,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$396,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI082211	THERAPEUTICS THAT TARGET PROCESSIVITY COMPLEX PROTEINS OF POX AND OTHER VIRUSES	\$976,136
2011	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,544,173
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI088650	Myeloid-lineage cells and immunopathology in Leishmania braziliensis	\$636,943
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI085518	MECHANISM OF ARTEMISININ RESISTANCE IN SELECTED MALARIA PARASITE LINES	\$183,150
2011	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$364,324
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI084957	Epigenetic Regulation by WASP of Human TBX21 Gene Transcription Program	\$358,923

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2011	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	\$374,829
2011	APOGEE BIOTECHNOLOGY CORPORATION	PA	R41AI087167	LIPID METABOLISM AND KSHV-ASSOCIATED LYMPHOMA PATHOGENESIS	\$300,000
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI090914	NON-CODING RNA REGULATION OF TNF ALPHA	\$207,281
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI081886	A Small Animal Model for Viscerotropic Disease to Improve Yellow Fever Vaccine	\$358,967
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090234	REAL TIME IMAGING OF TOLERANCE INDUCTION BY MUCOSAL DCS	\$237,600
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R00AI077917	MECHANISM OF ANTIBODY-MEDIATED IMMUNITY AGAINST F. TULARENSIS	\$249,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI096993	THE ROLE OF THE IMMUNE RESPONSE IN CONTROLLING THE SIZE OF THE HIV RESERVOIR.	\$230,982
2011	UNIVERSITY OF PENNSYLVANIA	PA	K08AI097223	Role of Macrophage Migration Inhibitory Factor (MIF) in Pneumococcal Pathogenesis	\$133,758
2011	MAGEE-WOMENS HEALTH CORPORATION	PA	UM1AI068633	Leadership and Operations Center (LOC): Microbicide Trials Network	\$19,128,610
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI095466	Regulation and function of innate lymphoid cells in the gut	\$400,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R56AI095285	PATHOGENESIS OF MURINE CORONAVIRUS INDUCED HEPATITIS	\$400,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI091759	RELM-alpha regulation of hookworm-induced lung inflammation	\$400,000
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R56AI095276	ANTI-INFLAMMATORY EFFECTS OF TARGETING THE HDAC6/HSP90 PATHWAY	\$209,375
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI026782	LY-1 B CELLS: DEVELOPMENTAL ORIGINS AND V GENE BIASES	\$592,133
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI065644	CYSTOSKELETAL REMODELING DURING T CELL ACTIVATION	\$395,409
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$378,527
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI051227	POLYOMAVIRUS INFECTION AFTER KIDNEY TRANSPLANTATION	\$311,718
2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$385,914
2011	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$177,074
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI052812	IMMUNE RECEPTORS ON CYTOTOXIC LYMPHOCYTES AND TARGET CELLS	\$468,524
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$472,568
2011	UNIVERSITY OF PENNSYLVANIA	PA	U01AI069534	PENN PREVENTION CLINICAL TRIALS UNIT	\$622,837

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2011	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$352,627
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$337,466
2011	INSTITUTE FOR CANCER RESEARCH	PA	R01AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$419,446
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI059114	INTEGRATION AND EXCISION BY SERINE INTERGRASES	\$380,628
2011	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$2,023,601
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$228,714
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$404,892
2011	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070099	TRAINING IN VACCINE & IMMUNE THERAPEUTICS	\$160,215
2011	DREXEL UNIVERSITY	PA	R01AI073794	CANDIDA GLABRATA PDR1: MASTER REGULATOR OF AZOLE RESISTANCE	\$347,936
2011	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI075194	STREPTOCOCCUS PNEUMONIAE GENETIC COMPETENCE AND PATHOGENESIS	\$403,066
2011	UNIVERSITY OF PITTSBURGH	PA	R01AI070896	OPTIMIZING DOSING OF COLISTIN FOR INFECTIONS RESISTANT TO ALL OTHER ANTIBIOTICS	\$779,639
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI078812	EFFECT OF CELLULAR MICRORNAS ON HIV-1 REPLICATION	\$383,502
2011	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,488,120
2011	DREXEL UNIVERSITY	PA	R21AI088424	MOLECULAR MECHANISM OF INNATE IMMUNITY CONTROL OF HBV REPLICATION	\$190,575
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087383	CLONING, CHARACTERIZATION AND IN VIVO TESTING OF MUCOSALLY TRANSMITTED SIV	\$104,896
2011	UNIVERSITY OF PENNSYLVANIA	PA	R13AI096781	16TH INTERNATIONAL CONFERENCE ON CAMPYLOBACTER, HELICOBACTER AND RELATED ORGANISM	\$12,000
2011	UNIVERSITY OF PENNSYLVANIA	PA	K24AI080942	MENTORING AND PATIENT-ORIENTED RESEARCH IN ANTIMICROBIAL RESISTANCE	\$186,014
2011	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087461	ONGOING REPLICATION MAY OCCUR ON HAART	\$194,437
2011	DREXEL UNIVERSITY	PA	R21AI091513	EPITOPE-FOCUSED HIV-1 ENVELOPE VACCINE FOR HIV-1/AIDS	\$191,110
2011	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI088094	EXISTING MALARIA CONTROL INSECTICIDES - WITHOUT THE EVOLUTION OF INSECTICIDE-RESI	\$137,725
2011	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R21AI082680	PHOSPHOROTHIOATE OLIGONUCLEOTIDES AS MICROBICIDES AGAINST HIV TRANSMISSION	\$206,426
2011	POLYMEDIX INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	\$499,244

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2011	UNIVERSITY OF PENNSYLVANIA	PA	R01AI090788	OPTIMIZING HIV ENV IMMUOGENS FOR T AND B CELL VACCINE RESPONSES	\$654,103
2011	THOMAS JEFFERSON UNIVERSITY	PA	R01AI093369	Virus Clearance from the Central Nervous System	\$956,718
2011	IMMUNOTOPE INC	PA	R43AI091232	SYNTHETIC NANOPARTICLE BASED UNIVERSAL INFLUENZA VACCINE	\$298,492
2011	VENATORX PHARMACEUTICALS INC	PA	R43AI096613	NOVEL METALLO-BETA-LACTAMASE INHIBITORS	\$300,000
2011	UNIVERSITY OF PITTSBURGH	PA	R56AI060836	HERPES SIMPLEX VIRUS CAPSID ASSEMBLY AND DNA PACKAGING	\$379,060
2011	UNIVERSITY OF PUERTO RICO	PR	U01AI069415	UNIVERSITY OF PUERTO RICO CLINICAL TRIALS UNIT	\$2,497,560
2011	UNIVERSITY OF PUERTO RICO	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$257,277
2011	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$384,329
2011	RHODE ISLAND HOSPITAL	RI	R56AI091753	VACCINES FOR HUMAN SCHISTOSOMIASIS JAPONICA	\$504,884
2011	RHODE ISLAND HOSPITAL	RI	K02AI077708	MECHANISMS MEDIATING ADVERSE BIRTH OUTCOMES IN THE CONTEXT OF S. JAPONICUM INFECTION	\$106,668
2011	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$376,081
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094902	2011 VIRUSES AND CELLS GORDON RESEARCH CONFERENCE	\$10,000
2011	MIRIAM HOSPITAL (THE)	RI	K23AI096923	Molecular Epidemiology of HIV Transmission Networks	\$130,032
2011	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	\$468,737
2011	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$626,659
2011	PROTHERA BIOLOGICS LLC	RI	R42AI062095	Role of Inter-alpha Inhibitors in Anthrax Intoxication	\$863,586
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094899	2011 GORDON RESEARCH CONFERENCE ON TUBERCULOSIS DRUG DEVELOPMENT	\$8,000
2011	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$384,038
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI096460	2011 STAPHYLOCCOCAL DISEASES GORDON RESEARCH CONFERENCE	\$10,000
2011	RHODE ISLAND HOSPITAL	RI	F32AI093043	TLR MEDIATED TROPHOBLAST INJURY AND POOR PREGNANCY OUTCOMES IN S. JAPONICA	\$49,046
2011	UNIVERSITY OF RHODE ISLAND	RI	R15AI093158	EXPLOITING DEEP OCEAN BIOLOGY FOR BIOMEDICAL DISCOVERY	\$418,299
2011	UNIVERSITY OF RHODE ISLAND	RI	R13AI094946	Vaccine Renaissance Conference at the Institute for Immunology and Informatics	\$7,000

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2011	MIRIAM HOSPITAL (THE)	RI	R56AI091448	PHARMACOGENETICS AND DRUG-DRUG INTERACTIONS DURING HIV/TB THERAPY	\$487,804
2011	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$299,104
2011	UNIVERSITY OF RHODE ISLAND	RI	U19AI082642	TRANSLATIONAL IMMUNOLOGY RESEARCH AND ACCELERATED (VACCINE) DEVELOPMENT (TRIAD)	\$2,510,904
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094878	2011 MICROBIAL ADHESION & SIGNAL TRANSDUCTION GORDON RESEARCH CONFERENCE	\$12,000
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094879	2011 TROPICAL INFECTIOUS DISEASES GORDON RESEARCH CONFERENCE	\$10,000
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094758	2011 ANTIMICROBIAL PEPTIDES GORDON RESEARCH CONFERENCE	\$8,000
2011	EPIVAX, INC	RI	R21AI090359	NOVEL H1N1 INFLUENZA PROTECTION VIA CROSS-REACTIVE IMMUNITY	\$221,484
2011	UNIVERSITY OF RHODE ISLAND	RI	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,094,472
2011	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$1,580,262
2011	BROWN UNIVERSITY	RI	F31AI080230	KLRG1, CADHERINS AND THEIR INTERACTIONS	\$27,872
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094897	2011 PHAGOCYTES GORDON RESEARCH CONFERENCE	\$8,000
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI096461	2011 APOPTOTIC CELL RECOGNITION AND CLEARANCE GORDON RESEARCH CONFERENCE AND GORD	\$9,656
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094909	2011 MICROBIAL POPULATION BIOLOGY GORDON RESEARCH CONFERENCE	\$8,000
2011	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of T Cell Activation Pathways	\$422,109
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI092852	2011 IMMUNOLOGY OF FUNGAL INFECTIONS GORDON RESEARCH CONFERENCE	\$20,000
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI094922	2011 MALARIA GORDON RESEARCH CONFERENCE	\$13,000
2011	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI092826	2011 CHEMICAL & BIOLOGICAL TERRORISM DEFENSE GORDON RESEARCH CONFERENCE (GRC) AND	\$15,000
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	K22AI087707	THE TYPE I IFN PATHWAY CONSTRAINS TH17-MEDIATED AUTOIMMUNE DISEASES	\$162,000
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$409,198
2011	SOUTH CAROLINA RESEARCH FOUNDATION	SC	R01AI091905	Transgenerational epigenetic inheritance of allergy in a multigenerational cohort	\$559,593
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$341,589

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2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R56AI087541	HOST SPHINGOLIPIDS AND FUNGAL INFECTION	\$382,875
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$289,130
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI077283	GP96, TLR AND IMMUNOLOGIC TOLERANCE	\$361,412
2011	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R13AI094880	8TH INTERNATIONAL CONFERENCE ON CRYPTOCOCCUS AND CRYPTOCOCCOSIS	\$15,000
2011	UNIVERSITY OF SOUTH DAKOTA	SD	K22AI089856	EXAMINATION OF EUKARYOTIC SNARE SYNTAXIN 6 LOCALIZATION TO THE CHLAMYDIAL INCLUSI	\$157,665
2011	SOUTH DAKOTA STATE UNIVERSITY	SD	R15AI089690	STIMULATION OF BROADLY NEUTRALIZING ANTIBODIES AGAINST INFLUENZA IN A PIG MODEL	\$424,180
2011	SOUTH DAKOTA STATE UNIVERSITY	SD	K02AI076125	MECHANISM OF ACTION OF AN HIV-1 MATURATION INHIBITOR	\$98,118
2011	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$247,844
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$587,547
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI052199	Molecular Control of TCR Signaling and Function	\$434,896
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$1,588,407
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$420,000
2011	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$102,147
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$339,268
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	T32AI078906	TRAINING GRANT IN BACTERIAL PATHOGENESIS	\$75,675
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077528	FLEXIBILITY AND COMMITMENT IN POST-EFFECTOR CD4 LYMPHOCYTES	\$382,239
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI089554	Virology Training Program	\$179,776
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$389,249
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI096833	MECHANISMS OF CHIKUNGUNYA VIRUS BINDING AND ENTRY	\$48,398
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI091537	ORAL REOVIRUS-BASED VACCINES FOR PREVENTION OF HIV-1 DISEASE	\$218,686
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI079558	THE INTERACTION BETWEEN OUTER MEMBRANE PORINS AND TOLL-LIKE RECEPTORS	\$193,050
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$376,113
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$415,800

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2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI080405	ANALYSIS OF RADIOMITIGATIVE CELL SIGNALING	\$463,885
2011	MEHARRY MEDICAL COLLEGE	TN	SC2AI083925	NOVEL TRYPANOSOME RECEPTOR FOR THROMBOSPONDIN-1	\$143,585
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI092007	Peptide effectors of virulence factor production in Vibrio cholerae	\$185,000
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI091977	A Regulatory Triad: IL35, Tregs and iTr35	\$435,000
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$329,670
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI094562	Multi-component HIV Intervention Packages for Chinese MSM	\$557,694
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI091845	Role of cyclo(Phe-Pro) in Vibrio cholerae virulence factor production	\$336,375
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$374,811
2011	MEHARRY MEDICAL COLLEGE	TN	R21AI089330	NOVEL TARGETS FOR DISCOVERING PEPTIDE INHIBITORS OF HIV-1 REPLICATION	\$180,675
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091692	Toll-like Receptor 2, Vitamin D, and Extrapulmonary Tuberculosis	\$107,911
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U19AI095227	Viral and Host Determinants of Infant and Childhood Allergy and Asthma	\$1,850,505
2011	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI095637	CHARACTERIZATION OF A NOVEL HOST PATHWAY THAT REGULATES CHLAMYDIAL DEVELOPMENT	\$377,056
2011	UNIVERSITY OF TENNESSEE	TN	R56AI090095	Ferric enterobactin acquisition systems in Campylobacter	\$361,297
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI075259	STRUCTURAL MECHANISMS OF BOTULINUM NEUROTOXIN PATHOGENESIS	\$300,891
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$249,022
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042284	Molecular Basis of CD1D1 and Natural T Cell Function	\$385,275
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$434,510
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050080	MECHANISMS OF REOVIRUS-INDUCED APOPTOSIS	\$332,071
2011	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$233,075
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068009	ANALYSIS OF THE H. PYLORI CAG PATHOGENICITY ISLAND	\$376,113
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI091244	THE CONTRIBUTION OF INTRACELLULAR HEME TRAFFICKING TO STAPHYLOCOCCAL PATHOGENESIS	\$51,326

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083370	Molecular basis for parainfluenza virus infection and host response	\$415,800
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI091691	The Role of Human Rhinoviruses in Premature Infant Respiratory Disease and Asthma	\$124,997
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074863	ADULT FLU HOSPITALIZATIONS: EVALUATING DIAGNOSTIC METHODS & VACCINE EFFECTIVENESS	\$125,496
2011	UNIVERSITY OF TENNESSEE	TN	R01AI071042	VIRAL CHEMOKINE ALTERATION OF NEUTROPHIL FUNCTIONS	\$303,193
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI062415	INHIBITORS OF LATENT M. TUBERCULOSIS	\$674,231
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$644,731
2011	MEHARRY MEDICAL COLLEGE	TN	SC1AI081655	MECHANISMS OF BIOGENESIS OF ATYPICAL ALPHAVIRUSES	\$358,962
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070305	MECHANISMS AND CONSEQUENCES OF INKT CELL ANERGY	\$368,968
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070672	THE ROLE OF IL-17 IN RSV-INDUCED MUCUS AND AIRWAY RESPONSIVENESS	\$365,231
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076983	STRUCTURAL ANALYSIS OF REOVIRUS ATTACHMENT MECHANISMS	\$315,970
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI083078	ANTIBODIES RECOGNIZING QUATERNARY DIFFERENCES IN HIV ENVELOPE GLYCOPROTEINS (K08)	\$127,764
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083443	TLR-MEDIATED SIGNALING COMPLEX FORMATION AND REGULATION OF EFFECTOR FUNCTIONS	\$411,642
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI088177	NLR SIGNALING IN INTESTINAL INFLAMMATION	\$207,900
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI091306	CHARACTERIZATION OF LC3-ASSOCIATED PHAGOCYTOSIS	\$48,398
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI096186	leDEA Networks Coordinating Center at Vanderbilt	\$400,000
2011	UNIVERSITY OF TENNESSEE	TN	R01AI014367	CORONAVIRUS RNA REPLICATION	\$348,671
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$774,768
2011	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$358,962
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$338,503
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI084411	TARGETING MRAY: SYNTHESIS AND VALIDATION OF MRAY INHIBITORS	\$370,013
2011	VANDERBILT UNIVERSITY	TN	F31AI091343	CHARACTERIZING THE GENOMIC PATTERNS OF VARIATION IN THE FUNGAL PATHOGEN ASPERGILL	\$27,737

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2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI093234	Statistical Methods for Ordinal Variables in HIV/AIDS Studies	\$389,584
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI095202	Childhood Infections Research Program	\$137,833
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$411,642
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050083	The Cell Biology of Coronavirus Infection	\$346,191
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$489,623
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,437,731
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI079123	INHIBITION OF CLOSTRIDIUM PERFRINGENS EPSILON TOXIN	\$367,098
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI075517	DEVELOPMENT OF ANTIMALARIAL PRECLINICAL CANDIDATES	\$1,089,481
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI089401	CAPSID-TARGETING HIV-1 ANTIVIRALS	\$728,256
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$385,894
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI093984	TRACKING CELLULAR MIGRATION IN VIVO	\$217,448
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI091938	QUANTIFYING AND MODELING INFLUENZA VIRAL DYNAMICS AND HOST RESPONSES	\$648,075
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$173,831
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI070693	TRANSCRIPTIONAL CONTROL OF CHLAMYDIAL DEVELOPMENT	\$357,737
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$370,479
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$348,981
2011	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$356,536
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$153,673
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI072453	DIRECTED EVOLUTION OF INHIBITORS OF ANTHRAX TOXIN	\$295,174
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	\$129,222
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI080227	CHANGES IN HIV-1 IMMUNE RESPONSE ASSOCIATED WITH PREGNANCY	\$125,581
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI088729	Influence of maternal antibodies on a Sendai virus-vectored RSV vaccine	\$617,720

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2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI095755	Structural mechanisms of Clostridium difficile pathogenesis	\$388,579
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R34AI091446	EXPANDED TESTING, LINKAGE, AND TREATMENT FOR HIV PREVENTION AMONG MSM IN CHINA	\$226,480
2011	GENHUNTER CORPORATION	TN	R43AI091286	TRIMER-TAG: A TECHNOLOGY FOR PRODUCING TRIVALENT BIOLOGICS	\$224,700
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI092268	Epitope shifting and Antibody Maturation during Rotavirus Infection	\$194,882
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$376,113
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI039480	MECHANISM AND FUNCTION OF THE REGULATORY PROTEIN LAG-3	\$363,439
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$495,754
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$373,750
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$991,587
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K01AI070808	ETIOLOGY AND SEVERITY OF INFANT BRONCHIOLITIS AND DEVELOPMENT OF CHILDHOOD ASTHMA	\$124,924
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI084330	THE ROLE OF IL-12 FAMILY SUBUNIT IN REGULATION OF IL-35 PRODUCTION	\$51,326
2011	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of novel proteins synthesis inhibitors for MDR tuberculosis	\$940,979
2011	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R33AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$365,599
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI091771	THE IMPACT OF CALPROTECTIN-MEDIATED METAL CHELATION ON HOST-PATHOGEN INTERACTIONS	\$389,664
2011	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$384,657
2011	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	TRAINING PROGRAM FOR CLINICAL RESEARCH ON AIDS	\$242,666
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$367,538
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$364,107
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$371,250
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$344,337

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2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$246,702
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$378,988
2011	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,851,127
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$333,744
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$131,803
2011	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI070655	MOLECULAR COMPOSITION AND FUNCTION OF TRYPANOSOMA CRUZI SHED VESICLES	\$278,368
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$336,063
2011	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$135,466
2011	RICE UNIVERSITY	TX	R01AI067638	STRUCTURAL BASIS OF PROTEIN-PRIMED RNA SYNTHESIS BY BIRNAVIRUSES	\$316,793
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI067716	ROLE OF IL-6 IN THE PATHOGENESIS OF YERSINIA ENTEROCOLITICA INFECTION	\$350,940
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$128,113
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$328,941
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI091957	Characterization of the ferrous iron transporter Feo in Vibrio cholerae	\$379,558
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$1,828,044
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI077746	ROLE OF MICRORNAS IN THE SV40 INFECTIOUS CYCLE	\$278,794
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI089346	PROMOTION OF HIV-1 TRANSINFECTION BY MYCOPLASMA GENITALIUM	\$183,769
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI088342	ROLE OF CD8+ T CELLS IN REPRODUCTIVE SEQUELAE INDUCED BY CHLAMYDIA INFECTION	\$71,528
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$329,403
2011	BAYLOR COLLEGE OF MEDICINE	TX	R25AI084826	FOUNDATIONS FOR STUDENT SUCCESS: NATIONAL AFTER SCHOOL NETWORK	\$161,563
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI088329	OPTICAL IMAGING TO MONITOR HEME ACQUISITION DURING BACTERIAL INFECTION	\$207,793
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083387	Host defense against respiratory virus infections	\$330,784
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	\$400,455

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2011	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI090705	ANTIGEN PRESENTATION BY EPITHELIAL STEM CELLS TO PROMOTE LIFE LONG IMMUNITY	\$781,940
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI092063	DEVELOPMENT OF PROTEIN-BASED BETA-LACTAM ANTIBIOTIC RESISTANCE DIAGNOSTICS	\$195,625
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI079444	ROLE OF GAMMA/DELTA T CELLS IN WEST NILE VIRUS PATHOGENESIS	\$76,500
2011	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098976	Molecular effects of SUMOylation on influenza virus infection: SUMO and NS1	\$314,100
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K22AI093795	UNDERSTANDING THE ROLE OF TREX1 IN THE INNATE IMMUNITY AND AUTOIMMUNE DISEASES	\$162,000
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R37AI091947	Characterizing DExD/H box helicases as viral sensors in human dendritic cells	\$395,000
2011	TEXAS TECH UNIVERSITY	TX	R00AI077798	REGULATION OF DISTINCT ACTIN NUCLEATION MECHANISMS IN IMMUNE CELL FUNCTIONS	\$246,510
2011	YASO BIOTECHNOLOGY INC	TX	R43AI084225	PRE-CLINICAL DEVELOPMENT OF PPCM VAGINAL MICROBICIDE	\$285,612
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI098077	EFFECT OF ATOPY ON DENDRITIC CELL ANTIVIRAL RESPONSES	\$410,874
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$346,710
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069142	IMMUNE MECHANISMS OF HCV PERSISTENCE AND PATHOGENESIS	\$326,663
2011	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI048417	MYCOBACTERIUM TUBERCULOSIS CELL DIVISION AND PROLIFERATION	\$330,509
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI039824	GENETIC DISSECTION OF SLE PATHOGENESIS	\$1,583,044
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI007271	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$90,570
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$348,091
2011	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$256,610
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI054830	COMBATTING QUINOLONE ANTIMICROBIAL RESISTANCE	\$387,338
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI045196	GENETIC PATHWAYS CONTRIBUTING TO SLE PATHOGENESIS	\$464,376
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$392,288
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$375,000
2011	GENOMICS USA INC	TX	R44AI060166	HLA CHIP PRODUCT FOR FDA 510K APPROVAL	\$863,882
2011	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$322,988

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2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$330,784
2011	BAYLOR RESEARCH INSTITUTE	TX	U19AI089987	Systems Analysis Vaccine Responses in Healthy and Hyporesponsive Humans	\$3,077,917
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI090320	THE ENDOTHELIUM AND RESISTANCE TO RICKETTSIAL INFECTION	\$229,500
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$392,288
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI087741	The Structural Basis of Viral RNA Sensing by the RIG-I Like Receptors	\$322,650
2011	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI085079	THE GENETIC BASIS OF ANTHROPOPHILY IN ANOPHELES GAMBIAE	\$276,208
2011	SAVARA INC	TX	R43AI092973	A HIGH EFFICIENCY CORTICOSTEROID DRY POWDER INHALER FOR PEDIATRIC USE	\$184,148
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI079779	ROLE OF SOX4 IN B CELL DEVELOPMENT	\$78,210
2011	UNIVERSITY OF NORTH TEXAS	TX	R15AI085558	IS INSOMNIA A RISK FACTOR FOR DECREASED INFLUENZA (E.G., H1N1) VACCINE RESPONSE?	\$442,838
2011	MICROGEN LLC	TX	R03AI083062	3-D ORAL MUCOSA MODEL FOR EBV PATHOGENESIS	\$76,725
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI096090	Mechanism and Function of ISG15	\$331,590
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI077679	Translational Regulation in Bronchial Epithelial Cells	\$379,166
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI064913	PREDICTING CROSS-REACTIVITY OF PROTEIN ANTIGENS USING 3D MOTIFS	\$340,010
2011	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI068943	STRUCTURAL STUDIES ON BACTERIAL TWO-PARTNER SECRETION SYSTEMS	\$322,336
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI024998	INTESTINAL MUCOSAL IMMUNITY	\$376,113
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$367,538
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$392,288
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069152	ROLE OF CHEMOKINE MONOMER-DIMER EQUILIBRIUM IN INNATE IMMUNITY AND INFLAMMATION	\$317,189
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$436,227
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$699,095
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$354,621
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI075068	THE MOLECULAR MECHANISMS OF BACTERIAL OUTER MEMBRANE VESICLE FORMATION	\$353,824
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$391,050

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2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI077853	AI-3 INHIBITORS AS TREATMENT FOR BACTERIAL INFECTIONS	\$1,282,801
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$112,327
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$359,734
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$52,857
2011	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$250,985
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089953	Maintenance vs Programming in Th1 Memory Cell Development in P. Chabaudi Malaria	\$343,455
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI047923	Alternative Approaches for E. faecalis Infections	\$615,731
2011	BIO-SYNTHESIS, INC	TX	R43AI089138	SYNERGISTIC VACCINE ADJUVANTS THAT STIMULATE BOTH INNATE AND ADAPTIVE IMMUNITIES	\$294,837
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$833,519
2011	RADIX THERAPEUTICS LLC	TX	R41AI093032	PREVENTION OF ALLERGIC RHINITIS WITH TOPICAL IMMUNOMODULATING ANTIBODIES	\$300,000
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI088430	IDENTIFICATION OF COXIELLA BURNETII VIRULENCE FACTORS BY TRANSPOSON MUTAGENESIS	\$217,553
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI092153	DEVELOPMENT OF SITE-SPECIFIC MUTAGENESIS IN COXIELLA BURNETTI	\$73,250
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI088123	NOVEL INHIBITORS OF 1-DEOXY-D-XYLULOSE-5-PHOSPHATE REDUCTOISOMERASE (DXR)	\$189,956
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI088266	GENETIC REGULATION OF INVASIVE HYPHAL GROWTH OF ASPERGILLUS FUMIGATUS	\$177,303
2011	COVALENT BIOSCIENCE INC	TX	R41AI093261	COVALENT VACCINE FOR HIV	\$300,000
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087856	Mechanism of RNA synthesis and 5 capping by dengue virus NS5 polymerase	\$381,806
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI092621	EVALUATION OF CPAF MEDIATED ANTI-CHLAMYDIAL IMMUNITY IN THE GUINEA PIG	\$72,250
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	F31AI092891	DEFINING THE ROLE OF WXL PROTEINS IN ENTEROCOCCUS FAECIUM	\$27,344
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI091409	THE REGULATION OF MRNA EXPORT BY MICRORNAS	\$51,326
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI094660	Limited Competition: National Biocontainment Laboratories (NBLs) Operations Support (UC7)	\$11,576,994
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$358,593

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$275,603
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$45,166
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$364,142
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI074809	RECEPTORS OF PLASMACYTOID DENDRITIC CELLS AND THEIR LIGANDS	\$370,170
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI067906	REORGANIZATION OF HIGHER-ORDER CHROMATIN STRUCTURES DURING IGK GENE ACTIVATION	\$377,381
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$380,842
2011	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$786,121
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI078972	MECHANISM OF PSRP MEDIATED ADHESION	\$254,704
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI090169	CHARACTERIZATION OF PSEUDOVERDINE, A NOVEL VIRULENCE-RELATED QUINOLONE MOLECULE P	\$183,769
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$434,064
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI079232	ENDOGENOUS GLYCOSPHINGOLIPID ANTIGENS FOR NKT CELLS	\$377,339
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$378,024
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI081485	TARGETING TRYPANOSOMA BRUCEI S-ADENOSYLMETHIONINE DECARBOXYLASE IN DRUG DISCOVERY	\$29,160
2011	RICE UNIVERSITY	TX	R01AI077785	THE INFLUENZA A VIRUS NUCLEOPROTEIN: STRUCTURE AND FUNCTION	\$372,911
2011	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI084734	MYCOBACTERIUM TUBERCULOSIS REPLICATION AND PROLIFERATION	\$345,498
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080681	Evasion of intrinsic antiviral host cell responses by herpesviruses	\$379,913
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090119	Regulated Intramembrane Proteolysis of CREB3L1 in Innate Antiviral Response	\$392,288
2011	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI094692	THE ROLE OF NK CELLS IN HIV AND TUBERCULOSIS CO-INFECTION	\$193,875
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$462,721
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI090190	NOVEL METALLO-BETA-LACTAMASE INHIBITORS	\$189,956

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2011	BAYLOR COLLEGE OF MEDICINE	TX	K23AI087821	Genome-wide genetic variation in the human immune response to influenza vaccines	\$131,496
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	\$557,149
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093491	Novel Vaccine Technology for Chikungunya	\$1,007,233
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI090256	ROLE OF C7 IN RESISTANCE TO NEISSERIA INFECTIONS	\$244,140
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$387,578
2011	MICROSURFACES INC	TX	R44AI077161	CELL MIMIC MICROARRAYS FOR THE MULTIVALENT PATHOGEN PROFILING & CHARACTERIZATION	\$375,000
2011	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI095667	Sphingolipid and Mechanism of Cyst Formation by Giardia	\$426,047
2011	BAYLOR COLLEGE OF MEDICINE	TX	U01AI095050	Efficacy and Safety of Beta-adrenoceptor Inverse Agonist, Nadolol in Mild Asthma	\$1,417,316
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$11,046
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$603,099
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI018188	INTERACTIONS OF ENDOTOXIN WITH PLASMA AND CELLS	\$445,769
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$346,221
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI050848	The function of CARD9 in innate immune responses	\$343,035
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI049534	CHRACTERISTICS OF AN M. TUBERCULOSIS DERIVED VACCINE	\$367,538
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$396,250
2011	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,506,756
2011	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$4,764,161
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI074497	TARGETING THE NS1 PROTEIN FOR THE DEVELOPMENT OF INFLUENZA VIRUS ANTIVIRALS	\$1,008,663
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079497	PK-PD OF COMBINATION ANTITUBERCULOSIS THERAPY FOR SUPPRESSION OF DRUG-RESISTANCE	\$434,222
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069145	MECHANISMS OF SYLVATIC DENGUE EMERGENCE	\$616,880

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2011	LUMINEX CORPORATION	TX	U01AI082461	HIGHLY MULTIPLEXED DIAGNOSTIC INSTRUMENT FOR USE IN NONTRADITIONAL SETTINGS	\$269,462
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079110	Using Chemical Biology to Interfere with the Influenza Virus Life Cycle	\$400,455
2011	TEXAS WOMANS UNIVERSITY	TX	R15AI094352	REGULATION OF ESSENTIAL MURINE CYTOMEGALOVIRUS GENES M142 AND M143	\$413,539
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$366,363
2011	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$279,180
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$378,675
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI085393	INVASIVE ASPERGILLOSIS DIAGNOSIS BY ANTIGEN CAPTURE WITH LATERAL-FLOW TECHNOLOGY	\$144,637
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI094427	DISCOVERY OF NOVEL CHOLERA TOXIN RECEPTORS	\$237,750
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$392,288
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	F31AI096872	IDENTIFICATION OF PNEUMOCOCCAL VACCINE CANDIDATES ENHANCED DURING BIOFILM GROWTH	\$28,225
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI093749	Molecular Mechanisms Of Daptomycin Resistance In Enterococci	\$407,581
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI089891	Contribution of catabolite control protein A to group A streptococcal virulence	\$316,000
2011	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI095680	The Innate Immune Response in the Marmoset Model of GBV-B Infections: A Surrogate	\$547,534
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI085371	Using the MHC class I cytoplasmic tail to control tumor Ag presentation by DCs	\$395,000
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R00AI083087	ASSEMBLY OF HIV -1 AND CELLULAR TRANSCRIPTION ELONGATION COMPLEXES	\$249,000
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI087643	Reverse genetics to develop a second generation Rift Valley fever vaccine	\$382,500
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$340,124
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$363,372
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	\$321,344
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$384,689
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$522,091

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2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$8,205,411
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$506,192
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$373,714
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI076239	STRUCTURE/MECHANISM OF A PRION-REMODELING FACTOR	\$300,891
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072493	ANALYSIS OF SARS CORONAVIRUS-HOST CELL INTERACTIONS	\$290,366
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI077536	TRANSCRIPTIONAL REGULATION OF DEVELOPMENT AND MAINTENANCE OF MEMORY T LYMPHOCYTES	\$376,113
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTRAX TOXIN	\$247,844
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K24AI079272	DISSECTING THE IMMUNE BASIS OF DISEASE AND THERAPY	\$182,524
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$383,279
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI074860	CPAF INDUCED CD4+ T CELL MEDIATED IMMUNITY AGAINST CHLAMYDIA	\$354,061
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI083761	REGULATION OF T CELL ACTIVATION AND TOLERANCE BY GRAIL	\$377,339
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$361,530
2011	RICE UNIVERSITY	TX	R21AI087104	POINT OF CARE DIAGNOSIS OF HIV1 VIRAL LOAD USING NANO REAGENTS AND ISOTHERMAL PCR	\$214,768
2011	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI072139	NEW VACCINE AGAINST INFLUENZA	\$363,862
2011	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI083718	IDENTIFICATION OF C. NEOFORMANS PROTEINS THAT INDUCE PROTECTIVE IMMUNITY.	\$178,819
2011	PULMOTECT INC	TX	R43AI092904	RAPIDLY BOOSTING INNATE IMMUNITY IN THE LUNGS TO PROTECT AGAINST PNEUMONIA	\$221,748
2011	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$381,150
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI093533	Mechanism and pathophysiological significance of mast cell regulated exocytosis	\$403,568
2011	BAYLOR COLLEGE OF MEDICINE	TX	R21AI083396	STRUCTURE AND FUNCTION OF INFLUENZA A VIRUS PDZ-BINDING MOTIF	\$189,956

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2011	LYNNTECH, INC	TX	R43AI092867	RAPID AND COST-EFFECTIVE DIAGNOSTIC SYSTEM FOR SEXUALLY TRANSMITTED INFECTIONS	\$199,651
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI074829	CELLULAR RESPONSES TO HUMAN METAPNEUMOVIRUS INFECTION	\$108,000
2011	RESONANT SENSORS INC	TX	R43AI096834	RAPID SCREENING TOOL FOR ANTIBIOTIC RESISTANT PATHOGENS	\$300,000
2011	BAYLOR COLLEGE OF MEDICINE	TX	R56AI075208	STRUCTURES OF THE PORTAL VERTEX IN DSDNA VIRUSES AND VIRUS-INFECTED CELLS	\$506,965
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$366,803
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPI	\$307,751
2011	BAYLOR COLLEGE OF MEDICINE	TX	U01AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$770,321
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$396,250
2011	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$513,485
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI074949	ROLES OF DENDRITIC CELLS IN IMMUNE REGULATION	\$324,500
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$381,150
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI042345	GENETIC MECHANISMS IN BORRELIA BURGDORFERI PATHOGENESIS	\$355,538
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI075509	SMALL MOLECULE INHIBITORS OF RICIN AND SHIGA TOXINS	\$583,563
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$295,990
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$1,160,710
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI083646	Identification of Salmonella Genes Important for Systemic Colonization	\$398,565
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI089812	NOVEL CLINICAL DIAGNOSTIC TARGETS FOR DETECTION OF INVASIVE MOLD ASPERGILLOSIS	\$195,525
2011	HOUSTON PHARMACEUTICALS INC	TX	R44AI077225	PRECLINICAL DEVELOPMENT OF WP1066, AN EFFECTIVE INHIBITOR OF STAT3 ACTIVATION FOR	\$410,341
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI089362	A HUMANIZED MOUSE MODEL TO STUDY HIV/MTB CO-INFECTION	\$227,205
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI092235	IDENTIFICATION OF NOVEL PLANT-DERIVED ANTIMALARIAL COMPOUNDS	\$255,125
2011	UNIVERSITY OF TEXAS, EL PASO	TX	SC1AI098238	Regulation of the HIV cofactor activity of LEDGF/p75 by interacting proteins	\$363,355

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2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI092106	CNS-Specific Regulatory CD8+ T Cells in Autoimmune Demyelination	\$356,625
2011	KJ BIOSCIENCES LLC	TX	R43AI092923	A UNIVERSAL INFLUENZA VACCINE BY DUAL-DOMAIN FUSION WITH A NOVEL CARRIER PROTEIN	\$300,000
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI088450	E. coli O157: H7 Vaccine Development	\$229,500
2011	LUMINEX CORPORATION	TX	R01AI096228	Systems for rapid development of high sensitivity multiplex assays for biothreat	\$976,731
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI090070	REGULATION OF CELL DIVISION IN TRYPANOSOMA BRUCEI	\$379,167
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI054912	IMMUNE TOLERANCE MEDIATED BY NEGATIVE COSTIMULATORY MOLECULES	\$377,339
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067020	NUCLEOPHILIC ANTIBODIES: CHARACTERIZATION AND INDUCTION	\$454,376
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$346,221
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$332,990
2011	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007495	MOLECULAR AND CELLULAR MECHANISMS OF HOST DEFENSE	\$190,043
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$452,016
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$686,568
2011	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$295,630
2011	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI075145	COPY NUMBER VARIATION IN MALARIA PARASITES	\$393,850
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$3,112,198
2011	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$706,731
2011	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$718,066
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolytics T3SS1	\$392,288
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067839	STRUCTURAL AND FUNCTIONAL STUDY OF INFLUENZA VIRUS HEMAGGLUTININ	\$300,891
2011	TEXAS A & M RESEARCH FOUNDATION	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$451,251
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$371,450
2011	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$456,771

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2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI077796	PATHOGENESIS OF SUBTYPE IE VENEZUELAN EQUINE ENCEPHALITIS VIRUS	\$118,905
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI085014	Genome-wide association to Staphylococcus carriage	\$659,724
2011	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$376,200
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI081093	Molecular Mechanisms Regulating Early Stage Tick Feeding	\$188,546
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI091816	Renal And Neurological Outcomes In Chronically Infected West Nile Virus Patients	\$375,000
2011	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI092252	HIGH-THROUGHPUT SCREENINGS TO IDENTIFY HOST RECEPTORS FOR STAPHYLOCOCCAL ADHESINS	\$84,304
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089454	RNA INTERFERENCE FOR THE TREATMENT OF EBOLA AND MARBURG HEMORRHAGIC FEVER	\$585,129
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K22AI085116	HOST RESPONSES TO YERSINIA PSEUDOTUBERCULOSIS: CYTOLYTIC T CELLS & APOPTOSIS	\$161,600
2011	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI093967	Biochemical Dissection of the RIG-I Antiviral Pathway	\$396,250
2011	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI093858	Tick feeding regulation by orthologous tick saliva serine protease inhibitors	\$248,697
2011	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI093445	Recombinant life attenuated vaccine against Argentine hemorrhagic fever	\$901,836
2011	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI093699	MECHANISM OF GENE REGULATION BY RNA-BINDING ANTAR PROTEINS	\$399,152
2011	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$273,468
2011	UNIVERSITY OF UTAH	UT	R01AI087508	An Ex Vivo Model of HIV-1 Latency and Reactivation using Primary Memory Cells	\$370,838
2011	NAVIGEN INC	UT	R43AI093083	NOVEL THERAPEUTIC APPROACH FOR SEPSIS: BLOCKING THE VASCULAR RESPONSE TO CYTOKINE	\$277,765
2011	UNIVERSITY OF UTAH	UT	R01AI095647	Bacterial Invasion and Trafficking within the Bladder	\$373,750
2011	NAVIGEN INC	UT	R43AI095172	THERAPEUTIC D-PEPTIDE INHIBITOR OF HIV ENTRY	\$299,392
2011	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$295,010
2011	UNIVERSITY OF UTAH	UT	R01AI076652	CLONING MAJOR GENES FOR LETHAL GVHD IN MICE	\$295,010
2011	UNIVERSITY OF UTAH	UT	R21AI088589	IDENTIFICATION AND VALIDATION OF HLA CLASS II T CELL EPITOPES IN SHRIMP ALLERGY	\$185,006
2011	UNIVERSITY OF UTAH	UT	R01AI080830	The role of antigenic stimulatory strength in the selection and differentiation o	\$371,044
2011	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$331,887

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF UTAH	UT	K23AI079401	RAPID MOLECULAR TESTING FOR NEONATAL ANTIBIOTIC-RESISTANT PATHOGENS	\$137,160
2011	UNIVERSITY OF UTAH	UT	R21AI090369	DECIPHERING EXPECTED VIRULENCE MECHANISMS	\$225,750
2011	UNIVERSITY OF UTAH	UT	R01AI074825	DNA PACKAGING AND DELIVERY BY DSDNA VIRUSES	\$368,763
2011	BIOFIRE DIAGNOSTICS INC	UT	R01AI089489	AN AUTOMATED MULTI-TARGET DIAGNOSTIC SYSTEM FOR GASTROINTESTINAL PATHOGENS	\$1,091,152
2011	UNIVERSITY OF UTAH	UT	R01AI024158	REGULATION OF CR2/CD21 EXPRESSION AND ACTIVATION	\$323,416
2011	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$533,518
2011	BRIGHAM YOUNG UNIVERSITY	UT	R15AI072769	IGA ASC HOMING TO MUCOSAL TISSUES	\$375,000
2011	UNIVERSITY OF UTAH	UT	R21AI085476	INNOVATIVE APPROACH TO ASSAY DEVELOPMENT FOR THE DIAGNOSIS OF INVASIVE ASPERGILLO	\$211,583
2011	UTAH STATE UNIVERSITY	UT	R15AI089347	Chemoenzymatic synthesis of pradimicin analogues for novel antifungal and antiviral	\$421,787
2011	UNIVERSITY OF UTAH	UT	R21AI088086	CONTROL OF EXPECTED VIRULENCE BY SMALL RNAs	\$186,244
2011	UNIVERSITY OF UTAH	UT	R25AI095212	Your Body's Microbial Ecosystem: Web-based Curriculum for Secondary Science	\$144,556
2011	UNIVERSITY OF UTAH	UT	R33AI071971	Bioresponsive Combination Microbicide Delivery System for HIV and HSV	\$461,440
2011	BIOFIRE DIAGNOSTICS INC	UT	U01AI074419	HT-FILM-ARRAY: A SYSTEM TO ASSESS RESPIRATORY VIRUSES WITH EMPHASIS ON INFLUENZA	\$1,206,303
2011	BRIGHAM YOUNG UNIVERSITY	UT	U01AI082209	DEVELOPMENT OF NOVEL ANTIMICROBIAL PEPTIDE MIMICS	\$1,467,735
2011	BIOFIRE DIAGNOSTICS INC	UT	U01AI082482	STI AND RESPIRATORY PATHOGEN TESTING IN NONTRADITIONAL SETTINGS	\$858,019
2011	UNIVERSITY OF UTAH	UT	R21AI094004	ELUCIDATING THE GENETIC BASIS OF COMMON VARIABLE IMMUNE DEFICIENCY	\$224,250
2011	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$369,575
2011	NAVIGEN INC	UT	R43AI089005	SLIT2N FOR THE TREATMENT OF INFLUENZA-INDUCED ACUTE RESPIRATORY DISTRESS	\$293,656
2011	UNIVERSITY OF UTAH	UT	R21AI088451	ROLE OF IFITM/FRAGILIS PROTEINS AS INTRACELLULAR SHUTTLES DURING CELL ACTIVATION	\$225,750
2011	UNIVERSITY OF UTAH	UT	R21AI092231	INNOVATIVE ASSAY DEVELOPMENT FOR THE DIAGNOSIS OF INVASIVE ASPERGILLOSIS	\$229,014
2011	NAVIGEN INC	UT	R01AI093394	PREVENTING LETHAL HEMORRHAGIC FEVER CAUSED BY HANTAVIRUSES BY PRESERVING ENDOTHEL	\$516,744
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$354,622

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2011	UNIVERSITY OF VIRGINIA	VA	R01AI051420	ANTIBODY INDUCED T CELL-MEDIATED NEONATAL AUTOIMMUNITY.	\$371,213
2011	UNIVERSITY OF VIRGINIA	VA	R01AI012464	STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	\$431,737
2011	UNIVERSITY OF VIRGINIA	VA	R01AI067823	IRON UPTAKE MECHANISMS OF FRANCISELLA TULARENSIS	\$327,744
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI085091	Antiviral Pathways in Disease Vector Mosquitoes	\$377,331
2011	UNIVERSITY OF VIRGINIA	VA	R01AI093708	Microbial Pattern Recognition and Signaling by the Adhesion GPCR BAI1	\$385,000
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI083735	INHIBITION OF BRUCELLA BY PEPTIDE NUCLEIC ACIDS	\$75,592
2011	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI095750	STRUCTURE AND FUNCTION ANALYSIS OF C1/C1Q AND MBL USING A NOVEL PEPTIDE INHIBITOR	\$219,750
2011	UNIVERSITY OF VIRGINIA	VA	R33AI081616	FUNCTIONAL HIV ENVELOPE TRIMER AS A PROPHYLACTIC HIV/AIDS VACCINE CANDIDATE	\$449,571
2011	JAMES MADISON UNIVERSITY	VA	R15AI094443	ROLE OF INTERLEUKIN-3 AND BASOPHILS IN A MOUSE MODEL OF CUTANEOUS LEISHMANIASIS	\$243,200
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI085195	ENDOCARDITIS VIRULENCE IN STREPTOCOCCUS SANGUINIS	\$370,789
2011	GEORGE WASHINGTON UNIVERSITY	VA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$305,791
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FcεRI-mediated allergic responses	\$256,419
2011	GEORGE WASHINGTON UNIVERSITY	VA	R01AI072773	TRANSDUCTION OF SCHISTOSOMA MANSONI BY PSEUDOTYPED RETROVIRUS	\$535,489
2011	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$50,562
2011	UNIVERSITY OF VIRGINIA	VA	K23AI074681	EVALUATION OF C. DIFFICILE SEVERITY IN EPIDEMIOLOGIC STUDIES & IN ANIMAL MODELS	\$128,817
2011	UNIVERSITY OF VIRGINIA	VA	R01AI068836	AUTOIMMUNE VITILIGO AND TOLERANCE IN THE IMMUNE RESPONSE TO A MELANOMA ANTIGEN	\$363,046
2011	UNIVERSITY OF VIRGINIA	VA	R21AI090413	CD4+ AND CD8+ T CELL DEPENDENT IMMUNE MECHANISMS OF RHINOVIRUS-MEDIATED ASTHMA EX	\$114,345
2011	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	\$2,777,607
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$773,901

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2011	TECHLAB, INC	VA	R43AI085938	ALUM-ABSORBED SUBUNIT VACCINE TO PREVENT INTESTINAL AMEBIASIS	\$300,000
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094289	HIGHLY FINISHED CHROMOSOME-BASED GENOME ASSEMBLY FOR ANOPHELES GAMBIAE	\$226,985
2011	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	K23AI093678	Oral Polio Vaccine Circulation in Mexico	\$126,630
2011	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$554,586
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$430,748
2011	RADIATION RESEARCH SOCIETY	VA	R13AI080056	MEETING OF RADIATION RESEARCH SOCIETY	\$9,142
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$310,692
2011	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$361,179
2011	UNIVERSITY OF VIRGINIA	VA	U01AI026512	Long term Impact and Intervention for Diarrhea in Brazil	\$686,309
2011	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$345,626
2011	UNIVERSITY OF VIRGINIA	VA	R21AI087985	DELAYED ANAPHYLAXIS TO BEEF AND PORK: MECHANISMS AND CAUSES OF A NEW FOOD ALLERGY	\$190,575
2011	UNIVERSITY OF VIRGINIA	VA	K08AI081900	BORDETELLA ADENYLATE CYCLASE TOXIN: THE ROLE OF CELL INTERACTION IN TOXIN FUNCTIO	\$129,789
2011	UNIVERSITY OF VIRGINIA	VA	R03AI090205	DEFINING THE PORTAL OF ENTRY FOR DISSEMINATED INHALATIONAL BACILLUS ANTHRACIS INF	\$76,230
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$380,500
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI090170	PATHOBIOLOGICAL ROLES OF ANAPLASMA PHAGOCYTOPHILUM INCLUSION MEMBRANE PROTEINS	\$185,006
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094229	EXPERIMENTAL IDENTIFICATION OF MICRORNA TARGETS IN MOSQUITOES DURING PLASMODIUM I	\$236,420
2011	GEORGE MASON UNIVERSITY	VA	R03AI093157	DEVELOPMENT OF AN HIV REV-DEPENDENT DUAL-REPORTER CELL FOR ANTI-HIV DRUG SCREENIN	\$71,024
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI088487	NOVEL SIGNALING MECHANISMS OF STAT TRANSCRIPTION FACTORS	\$219,190
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$376,055

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2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI019146	ACTIVATION OF ALGINATE GENES IN PSEUDOMONAS AERUGINOSA	\$316,273
2011	UNIVERSITY OF VIRGINIA	VA	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$784,254
2011	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$433,510
2011	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$288,030
2011	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$719,987
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$677,523
2011	UNIVERSITY OF VIRGINIA	VA	U19AI083024	IMMUNE REGULATION OF VIRUS CLEARANCE AND TISSUE INJURY AT SITES OF INFECTION	\$1,572,425
2011	TECHLAB, INC	VA	R43AI085779	MULTIPLEX DIAGNOSTIC FOR ENTERIC CATEGORY B PATHOGENS AND INTESTINAL BIOMARKERS	\$300,000
2011	ALEXANDER BIODISCOVERIES LLC	VA	R43AI084244	NOVEL ANTI-VIRAL AGENTS TO TREAT INFLUENZA	\$300,000
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI085467	ALTERED MIRNA EXPRESSION IN MESANGIAL CELLS IN LUPUS MICE	\$78,507
2011	UNIVERSITY OF VIRGINIA	VA	R01AI082024	MHC REGULATION OF NK CELL MEDIATED VIRUS IMMUNITY	\$379,012
2011	UNIVERSITY OF VIRGINIA	VA	R56AI091746	MECHANISMS OF FRANCISELLA VIRULENCE	\$382,641
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$382,209
2011	UNIVERSITY OF VIRGINIA	VA	R01AI041644	ASSEMBLY OF THE HERPES SIMPLEX VIRUS CAPSID	\$294,938
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$244,413
2011	UNIVERSITY OF VIRGINIA	VA	R37AI030557	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION	\$437,718
2011	UNIVERSITY OF VIRGINIA	VA	R01AI052196	IMMUNE RESPONSE TO CAT: REGULATORY AND EFFECTOR T CELLS	\$371,213
2011	GEORGE WASHINGTON UNIVERSITY	VA	U01AI069503	CPCRA CLINICAL TRIALS UNIT	\$9,641,355
2011	UNIVERSITY OF VIRGINIA	VA	K08AI072470	IMMUNE RESPONSES AND GENETIC POLYMORPHISMS IN ENTAMOEBIA HISTOLYTICA INFECTION	\$122,283
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077638	ROLES OF TWO AMINOPEPTIDASES IN PEPTIDE CATABOLISM IN THE MALARIA PARASITE	\$263,579
2011	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseases and Transplantation Training Grant	\$222,704
2011	UNIVERSITY OF VIRGINIA	VA	R21AI087505	HIV REV/RRE VARIATION AND CONSTRAINTS	\$188,217
2011	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$453,321

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2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	UH3AI083263	THE VAGINAL MICROBIOME: DISEASE, GENETICS AND THE ENVIRONMENT	\$2,028,809
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088035	PHYSICAL MAPPING OF Aedes Aegypti GENOME	\$227,450
2011	UNIVERSITY OF VIRGINIA	VA	R01AI093358	Tuberculosis Second Line Drug Susceptibility Chip	\$920,643
2011	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$130,275
2011	UNIVERSITY OF VIRGINIA	VA	R56AI091750	PATHWAYS OF B CELL DIFFERENTIATION INTO PLASMA CELLS	\$378,063
2011	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$481,826
2011	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$248,523
2011	GEORGE MASON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$409,810
2011	UNIVERSITY OF VIRGINIA	VA	U01AI075520	NITROTHIAZOLIDES:BROAD-SPECTRUM CATEGORY B ANTI-PARASITIC/BACTERIAL THERAPEUTICS	\$534,930
2011	UNIVERSITY OF VIRGINIA	VA	R01AI066058	LEGIONELLA PNEUMOPHILA DEVELOPMENTAL CYCLE & VIRULENCE	\$362,713
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$352,821
2011	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$128,817
2011	GEORGE MASON UNIVERSITY	VA	R01AI081568	REGULATION OF COFILIN IN HIV-1 INFECTION OF HUMAN CD4 T CELLS	\$305,365
2011	UNIVERSITY OF VIRGINIA	VA	R21AI087502	AN HIV VACCINE CANDIDATE TARGETING THE CORECEPTOR BINDING SITE	\$228,690
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088298	PROTEOMIC ANALYSES OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION APPARATUS	\$223,286
2011	UNIVERSITY OF VIRGINIA	VA	F32AI093041	The Role of Leptin in Susceptibility to Amebiasis	\$51,326
2011	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI094071	THE ROLE OF THE MAJOR ALTERNARIA ALLERGEN ALT_A_1 IN AIRWAY INFLAMMATION	\$232,917
2011	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$406,961
2011	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN-γ with mast cells and eosinophils	\$385,000
2011	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$647,616
2011	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$388,532
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$1,427,642
2011	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI068892	POST-TRANSCRIPTIONAL REGULATION OF BIOFILM FORMATION S. AUREUS	\$280,734
2011	UNIVERSITY OF VIRGINIA	VA	R01AI079621	T CELL EPITOPE MIMICRY FOR AUTOIMMUNE RESPONSES IN SLE	\$427,248

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2011	UNIVERSITY OF VIRGINIA	VA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$1
2011	UNIVERSITY OF VERMONT	VT	R01AI080302	MOLECULAR REGULATION OF HIV-1 ASSEMBLY, RELEASE AND CELL-TO-CELL TRANSMISSION	\$368,763
2011	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$462,354
2011	UNIVERSITY OF VERMONT	VT	R21AI088059	IDENTIFICATION OF NOVEL ARENAVIRUS PROTEIN-HOST CELLULAR PROTEIN INTERACTIONS	\$188,615
2011	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$368,763
2011	UNIVERSITY OF VERMONT	VT	R01AI072021	MOLECULAR MECHANISM OF ENTAMOEBAS HISTOLYTICA PHAGOCYTOSIS	\$295,010
2011	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$182,800
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$747,945
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI052319	T CELL MODULATION BY NKG2D	\$431,244
2011	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$562,540
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	\$421,849
2011	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$377,644
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54CA163438	Immune Mediated Disorders After Allogeneic Hematopoietic Cell Transplants (HCT)	\$1,167,500
2011	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$182,894
2011	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	U01AI078054	DEVELOPMENT AND MANUFACTURE OF ADJUVANTS FOR VACCINES TARGETING MDR TUBERCULOSIS	\$1,717,013
2011	UNIVERSITY OF WASHINGTON	WA	R01AI070090	NEW INHIBITORS OF HIV REPLICATION	\$436,878
2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,310,765
2011	UNIVERSITY OF WASHINGTON	WA	R21AI087487	BIOCHEMICAL AND BIOPHYSICAL CHARACTERIZATION OF HIV ENV TRIMER SPIKES USING NANOD	\$193,050
2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI085523	GENOME-WIDE PROFILING OF IMMUNE RESPONSIVENESS IN PATIENTS WITH PRIMARY IMMUNODEF	\$219,929
2011	UNIVERSITY OF WASHINGTON	WA	K08AI089938	The Role of CD1a in Protecting Against Human Tuberculosis	\$126,874
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068615	Statistical and Data Management Center (SDMC): Microbicide Trials Network	\$7,435,152
2011	SEATTLE CHILDREN'S HOSPITAL	WA	K22AI077712	B CELL ANTIGEN PRESENTATION IN CHRONIC ALLERGIC LUNG DISEASE (ASTHMA)	\$110,474

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2011	UNIVERSITY OF WASHINGTON	WA	R21AI095023	The Role of Exosomes in Semen for HIV Infection in the Genital Mucosa of Women	\$192,500
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI091129	INVESTIGATING THE ROLE OF CELLULAR SIGNALING IN LIVER-STAGE MALARIA INFECTION	\$52,392
2011	TRIA BIOSCIENCE CORPORATION	WA	R43AI087444	A NOVEL DC-TARGETING NON-INTEGRATING LENTIVECTOR VACCINE FOR HIV INFECTION	\$300,000
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$487,675
2011	THE GENEVA FOUNDATION	WA	R01AI096215	Integrated polymer microfluidic device for multiplex diagnosis of viral infection	\$1,088,801
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U19AI096111	Targeted Modification of Host and Proviral DNA to Treat Latent HIV Infection	\$3,932,050
2011	UNIVERSITY OF WASHINGTON	WA	R21AI091970	THE ROLE OF NOVEL BACTERIA IN MALE URETHRITIS	\$267,670
2011	UNIVERSITY OF WASHINGTON	WA	R56AI091840	HCV-HOST INTERACTIONS DURING ANTIVIRAL THERAPY	\$250,868
2011	UNIVERSITY OF WASHINGTON	WA	R01AI039557	NITRIC OXIDE CYTOTOXICITY IN SALMONELLOSIS	\$413,327
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$413,196
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$467,998
2011	UNIVERSITY OF WASHINGTON	WA	R01AI048389	THE ROLE OF CELLULAR FACTORS IN THE HIV-1 CAPSID ASSEMBLY PATHWAY	\$333,360
2011	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$277,571
2011	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$415,281
2011	WASHINGTON STATE UNIVERSITY	WA	K02AI073101	LENTIVIRUS CONTROL BY CTL AND NEUTRALIZING ANTIBODY	\$142,020
2011	UNIVERSITY OF WASHINGTON	WA	K01AI079270	HPV INFECTIONS IN OLDER WOMEN	\$124,403
2011	ETUBICS CORPORATION	WA	R44AI071733	DEVELOPMENT OF AN AD5 (E1-, E2B-) HIV-1 VACCINE FOR USE IN AD5 IMMUNIZED VACCINEE	\$1,133,414
2011	UNIVERSITY OF WASHINGTON	WA	K08AI076604	TLR 1 VARIATION AND THE IMMUNE RESPONSE TO MYCOBACTERIUM TUBERCULOSIS	\$130,680
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI078962	GENOME WIDE ASSESSMENT OF ESSENTIAL GENES IN TRYPANOSOMA BRUCEI	\$827,156
2011	UNIVERSITY OF WASHINGTON	WA	K08AI087969	Female Genital Innate Immune Response to Vaginal Microbiota	\$127,116
2011	UNIVERSITY OF WASHINGTON	WA	R33AI071939	IMPROVED MACAQUE SAFETY MODEL FOR TOPICAL MICROBICIDES: POST-COITAL ASSESSMENTS	\$490,354
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI084556	ASSESSMENT OF CD4 NEGATIVE T CELL FUNCTION IN SIV INFECTED PRIMAGE MODELS	\$54,734

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2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI089405	NOVEL HIV 1 ENVELOPE IMMUNOGENS DERIVED FROM BROADLY NEUTRALIZING PLASMAS	\$264,460
2011	UNIVERSITY OF WASHINGTON	WA	K24AI089794	Innate Immunogenetics & Human Infections	\$150,328
2011	UNIVERSITY OF WASHINGTON	WA	R21AI085311	CD180(RP105) REGULATION OF TLR AND BCR RESPONSES IN B CELLS	\$193,050
2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	\$427,507
2011	WASHINGTON STATE UNIVERSITY	WA	R03AI090182	GENETIC DETERMINANTS OF MAMMALIAN HOST ADAPTATION BY THE LYME DISEASE SPIROCHETE.	\$74,003
2011	UNIVERSITY OF WASHINGTON	WA	R21AI091966	A HUMANIZED MOUSE MODEL OF TYPHOID FEVER	\$234,000
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI085488	PEPTIDE FINGERPRINT MULTIPLEX ANALYSIS BY MS/MS FOR PRIMARY IMMUNDEFICIENCY	\$241,313
2011	UNIVERSITY OF WASHINGTON	WA	F32AI096759	Defining the role of the Inflammasome in immunity against Flavivirus Infection	\$51,326
2011	UNIVERSITY OF WASHINGTON	WA	R03AI096129	NATURAL COMPETENCE AND GENETIC MANIPULATION OF TREPONEMA PALLIDUM	\$72,139
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI091550	HIV-1 evolution in the female genital tract and trafficking to the blood	\$17,587
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$485,287
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI053193	CD8+ T CELL IMMUNITY TO CYTOMEGALOVIRUS	\$499,674
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069481	SEATTLE VACCINE TRIALS UNIT	\$469,361
2011	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$378,570
2011	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,855,689
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI075641	TRYPANOSOME DRUG DEVELOPMENT CONSORTIUM	\$428,657
2011	UNIVERSITY OF WASHINGTON	WA	K22AI081870	ROLE OF DEFENSINS IN INNATE IMMUNITY TO VIRUSES	\$108,000
2011	UNIVERSITY OF WASHINGTON	WA	K08AI080952	THE ROLE OF NOD1 AND NOD2 IN THE PATHOGENESIS OF LEGIONELLA PNEUMOPHILA PNEUMONI	\$130,680
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI087657	Regulatory T cell Modulation of Immunity to Mucosal Viral Infections	\$435,600
2011	UNIVERSITY OF WASHINGTON	WA	U19AI088778	Center for the Study of Innate Immunity to HCV Infection	\$847,117
2011	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,459,334
2011	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$379,248

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2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076498	PROTECTIVE IMMUNITY INDUCED BY P. YOELII GENETICALLY ATTENUATED VACCINES	\$486,338
2011	PHARMAIN CORPORATION	WA	R43AI094664	NANOCARRIER-FORMULATED NF-KB INHIBITORS FOR INFLAMMATORY DISEASES	\$299,976
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$313,632
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI030927	HIV Host-Cell Interactions	\$541,280
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	P01AI094419	Optimizing HIV immunogen-BCR interactions for vaccine development	\$1,935,501
2011	UNIVERSITY OF WASHINGTON	WA	K08AI097238	Identification of responding CD8+ T cells and novel protective epitopes following	\$125,494
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068614	LOC: HIV Vaccine Trials Network	\$37,287,824
2011	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R56AI095652	HIGH THROUGHPUT ASSAYS TO DETECT INHIBITION OF A KEY M. TUBERCULOSIS PROTEASE	\$395,750
2011	UNIVERSITY OF WASHINGTON	WA	R01AI050940	DYNAMIC PROPERTIES OF BACTERIAL ADHESINS	\$478,061
2011	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$413,202
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$1,130,940
2011	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$379,929
2011	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$3,556,444
2011	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$429,357
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$974,201
2011	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular characterization of the role for T-bet and Bcl-6 in immune cell metabolism and differentiation	\$347,490
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI025032	LPS Regulation of Macrophage Function	\$692,039
2011	UNIVERSITY OF WASHINGTON	WA	R01AI078802	Low-frequency HIV-1 Drug Resistance in Primary HIV-1 Infection	\$436,337
2011	UNIVERSITY OF WASHINGTON	WA	K08AI073739	PROGESTERONE & ESTROGEN DIFFERENTIALLY REGULATE DC FUNCTION IN LUPUS AUTOIMMUNITY	\$122,040
2011	UNIVERSITY OF WASHINGTON	WA	R01AI084803	DESIGN AND FUNCTION OF FLAGELLIN-BASED IMMUNOGENS FOR BROADLY NEUTRALIZING IMMUNI	\$542,492
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI080326	DEVELOPMENT OF NOVEL AIDS GENE THERAPY STRATEGIES IN THE MACAQUE SHIV MODEL	\$551,896
2011	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	\$956,837

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2011	WASHINGTON STATE UNIVERSITY	WA	R03AI087933	MECHANISTIC DETERMINANTS OF VLS ANTIGENIC VARIATION IN THE LYME DISEASE SPIROCHET	\$74,003
2011	UNIVERSITY OF WASHINGTON	WA	R21AI087161	MANAGEMENT AND RETRIEVAL OF MULTIDISCIPLINARY HIV RESEARCH DATA	\$246,510
2011	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$756,801
2011	UNIVERSITY OF WASHINGTON	WA	R01AI089441	Calcium Dependent Protein Kinase 1 as a drug target for T. gondii and C. parvum	\$1,013,092
2011	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$1,146,805
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI088554	IMMUNOGEN DESIGN TO ENHANCE THE EFFICACY OF PLASMODIUM VIVAX VACCINE	\$267,443
2011	UNIVERSITY OF WASHINGTON	WA	R01AI096184	A high-sensitivity low-cost multiplexed immunoassay platform based on 2-dimension	\$1,262,608
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI093418	Point-of-care concentration and detection of pathogen antigens in samples	\$638,430
2011	UNIVERSITY OF WASHINGTON	WA	F32AI096623	DEFINING THE ROLE OF PERSISTENT ANTIGEN PRESENTATION IN CD8 T CELL MEMORY DEVELOP	\$53,042
2011	UNIVERSITY OF WASHINGTON	WA	R01AI084004	Selective inhibition of tRNA synthetases from pathogenic protozoa	\$716,850
2011	UNIVERSITY OF WASHINGTON	WA	K99AI095302	SURVIVAL ANALYSIS AND REGRESSION IN INFECTIOUS DISEASE EPIDEMIOLOGY	\$120,158
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R00AI079159	CD8 TAU CELL CONTRACTION AND MEMORY FORMATION	\$249,000
2011	UNIVERSITY OF WASHINGTON	WA	R56AI091714	USING INFECTING POPULATION DYNAMICS TO UNDERSTAND CHRONIC CYSTIC FIBROSIS INFECTI	\$475,607
2011	WASHINGTON STATE UNIVERSITY	WA	R56AI088518	MOLECULAR MECHANISMS UNDERLYING CAMPYLOBACTER JEJUNI CELLULAR INVASION	\$324,155
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$1,231,495
2011	UNIVERSITY OF WASHINGTON	WA	T32AI007450	CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$128,925
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$807,782
2011	UNIVERSITY OF WASHINGTON	WA	R01AI043060	CHLAMYDIA PNEUMONIAE ANTIGENS OF BILOGICAL SIGNIFICANCE	\$382,239
2011	UNIVERSITY OF WASHINGTON	WA	R01AI054384	BIOCHEMISTRY OF PROTEIN PRENYLATION	\$613,376
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053709	NEW INFECTION-RELATED PROTEINS OF PLASMODIUM SPOROZOITES AND LIVER STAGES	\$377,927
2011	UNIVERSITY OF WASHINGTON	WA	R01AI054503	HOST-RESPONSES TO MYCOBACTERIUM INFECTION IN ZEBRAFISH	\$369,826
2011	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus	\$386,100

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2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI070749	EUKARYOTIC-TYPE SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$393,726
2011	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$375,141
2011	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$537,055
2011	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$515,741
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI089373	TREGS DIFFERENTIALLY SUPPRESS HIV-SPECIFIC CD8+ T CELLS	\$243,169
2011	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$445,507
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$481,474
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI090783	IDENTIFYING, CHARACTERIZING AND INDUCING EFFECTIVE ANTI-HIV T CELL RESPONSES	\$567,868
2011	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$137,388
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI092121	ACQUISITION AND LOSS OF NEISSERIA MENINGITIDIS CARRIAGE IN HOUSEHOLDS IN MALI	\$83,947
2011	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	R01AI097038	Recombinase Polymerase Amplification for Point-of-Care Diagnosis of Infant HIV-1	\$394,978
2011	UNIVERSITY OF WASHINGTON	WA	R21AI087427	MRNA/MIRNA REGULATION OF HOST RESISTANCE AND CONTROL IN HIV-1 DISCORDANT COUPLES	\$197,010
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI092120	Identification of vaccine candidates against severe malaria	\$438,600
2011	UNIVERSITY OF WASHINGTON	WA	R01AI093177	Complete Genome Variation in Africans with Extreme HIV-1 Transmission Phenotypes	\$988,775
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$518,117
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI032042	Methods for Evaluating Vaccine Efficacy	\$512,030
2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI095074	Investigation of T cell responses to immunotherapy using class II tetramers	\$404,038
2011	UNIVERSITY OF WASHINGTON	WA	U01AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,055,523
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$520,175
2011	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$685,492
2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI073441	REGULATION OF INFLAMMATORY SIGNALING DURING THE INNATE IMMUNE RESPONSE	\$439,877
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI042528	CYTOTOXIC T-CELL RESPONSES TO HSV: HIV-INFECTED PERSONS	\$388,659

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2011	UNIVERSITY OF WASHINGTON	WA	K08AI074424	MUCOSAL TRANSMISSION AND LOCALIZED SUPERINFECTION IN HIV-1	\$131,216
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI052286	RECOGNITION OF BACTERIAL FLAGELLIN BY MACROPHAGES	\$461,510
2011	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$308,456
2011	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$16,000
2011	UNIVERSITY OF WASHINGTON	WA	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$1,369,470
2011	UNIVERSITY OF WASHINGTON	WA	K23AI079394	DYNAMIC REACTIVATION OF HERPES SIMPLEX VIRUS-2 AND THE GENITAL MUCOSAL RESPONSE	\$127,041
2011	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI077357	PERSISTENT HIV-1 REPLICATION IN THE RESPIRATORY TRACT DESPITE ART	\$129,465
2011	UNIVERSITY OF WASHINGTON	WA	K23AI087206	Intense Validation of a Mathematical Model of Herpes Simplex Virus-2 Pathogenesis	\$127,996
2011	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	U01AI081895	DETECTION OF TOXINS: A COMBINED ELISA MICROARRAY AND ACTIVITY ASSAY PLATFORM	\$500,544
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	\$951,168
2011	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$516,198
2011	UNIVERSITY OF WASHINGTON	WA	R01AI080625	GLYCOGEN SYNTHASE KINASE-3 AS A DRUG TARGET FOR TRYPANOSOMA BRUCEI	\$382,239
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K25AI087397	Computational Approaches to Studying Immunodominance.	\$123,922
2011	UNIVERSITY OF WASHINGTON	WA	F32AI081455	DENDRITIC CELL-DEPENDENT ACTIVATION OF B CELLS DURING IMMUNE RESPONSES	\$56,750
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI089341	STATISTICAL METHODS IN HIV/AIDS RESEARCH	\$419,097
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068617	SDMC: HIV Prevention Trials Network	\$5,791,838
2011	UNIVERSITY OF WASHINGTON	WA	R01AI093380	Malaria Topoisomerase inhibitors	\$328,565
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$380,590
2011	EMERALD BIOSTRUCTURES, INC	WA	R43AI093060	FRAGMENT BASED INHIBITOR DISCOVERY OF THE MEP PATHWAY IN INFECTIOUS ORGANISMS.	\$99,974
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	\$581,836
2011	UNIVERSITY OF WASHINGTON	WA	R21AI088597	ENGINEERING ANTIVIRAL INNATE IMMUNITY FOR SAFE AND EFFECTIVE MICROBICIDES	\$176,629
2011	KINETA INC	WA	R44AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$1,000,000

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2011	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071163	LENTIVIRAL GENE THERAPY FOR WISKOTT-ALDRICH SYNDROME	\$715,509
2011	UNIVERSITY OF WASHINGTON	WA	R01AI076170	GLYCAN MODIFICATION, CD4 INDEPENDENCE, AND ENV IMMUNOGENICITY	\$824,905
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI041721	PREGNANCY, MICROCHIMERISM, AND AUTOIMMUNE DISEASE	\$422,226
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,023,902
2011	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$2,502,001
2011	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$711,707
2011	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$560,389
2011	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$178,424
2011	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$488,762
2011	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI080502	RAPID ASSAY FOR INTERNALIZED RADIONUCLIDES WITH ADVANCED MATERIALS AND METHODS	\$486,305
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI069057	MITOCHONDRIAL FUNCTION IN BLOODSTREAM TRYPANOSOMA BRUCEI	\$367,285
2011	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$496,108
2011	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,149,536
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI091701	T Cell Immunity to HSV-2 in Immune Seronegative Subjects	\$349,985
2011	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$127,521
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI094129	RIBOSOME PROFILING OF TRYPANOSOMA BRUCEI	\$285,100
2011	UNIVERSITY OF WASHINGTON	WA	K01AI087369	Vertical CMV transmission in the setting of maternal HIV-1 infection in Kenya	\$127,116
2011	UNIVERSITY OF WASHINGTON	WA	R21AI088516	NATURAL PHENOTYPIC DIVERSITY OF HCV NS3/4A PROTEASE	\$222,956
2011	UNIVERSITY OF WASHINGTON	WA	R03AI094122	FUNCTIONAL CONSEQUENCE OF MACROLIDE RESISTANCE MUTATIONS IN T. PALLIDUM	\$78,000
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K22AI093789	CONSTRAINTS ON THE EVOLUTION OF INFLUENZA OSELTAMIVIR RESISTANCE	\$162,000
2011	UNIVERSITY OF WASHINGTON	WA	K08AI067910	TOLL-LIKE RECEPTOR ANTAGONISM AS A POTENTIAL TREATMENT FOR PRETERM LABOR	\$126,306
2011	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$377,285
2011	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$697,505

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2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$423,568
2011	WASHINGTON STATE UNIVERSITY	WA	R01AI053692	IMMUNOGENICITY OF THE TYPE IV SECRETIN SYSTEM	\$366,312
2011	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$385,000
2011	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$175,922
2011	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$403,403
2011	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$450,451
2011	UNIVERSITY OF WASHINGTON	WA	R01AI083034	MULTI-COMPONENT, TARGETED HIV PREVENTION FOR SUB-SAHARAN AFRICA: PREVENTIONRX	\$772,016
2011	UNIVERSITY OF WASHINGTON	WA	R01AI078781	REGULATION OF APOBEC3G ENZYMATIC ACTIVITY IN HIV-INFECTED PRIMARY HUMAN T CELLS	\$379,729
2011	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$687,944
2011	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI078934	THE IMMUNOPATHOGENESIS OF HIV-RELATED IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME	\$103,810
2011	UNIVERSITY OF WASHINGTON	WA	R21AI085295	DEFINING THYMIC EPITHELIAL HETEROGENEITY	\$270,270
2011	KINETA INC	WA	R43AI085691	DEVELOPMENT OF KV1.3 CHANNEL BLOCKER SHK-186 AS A THERAPY FOR MULTIPLE SCLEROSIS	\$300,000
2011	TRIA BIOSCIENCE CORPORATION	WA	R44AI081383	PROTECTIVE VACCINE FOR H5N1 FLU USING H5 PROTEIN AND A NOVEL TLR4 AGONIST.	\$1,000,000
2011	UNIVERSITY OF WASHINGTON	WA	F32AI081487	THE ROLE OF MYCOBACTERIUM MARINUM PROTEIN ESAT-6 IN PROMOTING GRANULOMA FORMATION	\$53,042
2011	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$329,682
2011	SEATTLE CHILDREN'S HOSPITAL	WA	R03AI092423	CHARACTERIZATION OF IMMUNE DEFICIENCY IN CONGENITAL BONE MARROW FAILURE SYNDROMES	\$106,617
2011	UNIVERSITY OF WASHINGTON	WA	R03AI088458	HIGH-RISK HPV INFECTIONS IN 18- 24-YEAR-OLD WOMEN WHO DATE ON-LINE	\$73,217
2011	UNIVERSITY OF WASHINGTON	WA	F32AI096820	THE ROLE OF PHOP/PHOQ-REGULATED PHOSPHOLIPID ALTERATIONS IN SALMONELLA PATHOGENES	\$49,898
2011	UNIVERSITY OF WASHINGTON	WA	K24AI087399	HIV-1 and Protective Immunity against Common Childhood Pathogens	\$131,080
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068618	LC: HIV Vaccine Trials Network	\$17,087,386

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2011	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI083455	Impact of the autoimmunity associated PTPN22 1858T	\$429,077
2011	SYNTRIX BIOSYSTEMS INC	WA	R43AI088812	TRANSITION-STATE ANALOGUE INHIBITORS OF DIHYDROFOLATE SYNTHETASE FOR MDR/XDR TB	\$271,034
2011	UNIVERSITY OF WASHINGTON	WA	R21AI094412	NANOPARTICLE MICROBICIDES FOR DELIVERY OF COMBINATION ANTIRETROVIRAL DRUGS	\$173,036
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI093808	Initiation of the Immune Response to Aspergillus fumigatus	\$440,000
2011	UNIVERSITY OF WASHINGTON	WA	R56AI058698	ANTIRETROVIRAL THERAPY AND HIV-1 INFECTIVITY IN WOMEN	\$390,078
2011	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	UM1AI068635	SDMC: HIV Vaccine Trials Network	\$8,718,076
2011	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI080685	THE APICOPLAST AND FATTY ACID SYNTHESIS IN PLASMODIUM LIVER STAGES	\$480,000
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$363,356
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$363,862
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$338,580
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI056866	Lysosomal biogenesis and function in African trypanosomes	\$346,979
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$418,339
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI052218	IN VITRO GLYCORANDOMIZATION OF NATURAL PRODUCTS	\$349,729
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI069099	MECHANISMS OF IMMUNE EVASION BY HHV-6 AND HHV-7 U21	\$327,744
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI081692	Intrinsic Resistance to antimicrobials in Enterococcus faecalis	\$376,200
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI088038	TIR DOMAIN CONTAINING PROTEIN FROM BRUCELLA MELITENSIS	\$220,523
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI085713	INNATE IMMUNE RESPONSES TO HIGHLY PATHOGENIC AVIAN INFLUENZA VIRUSES	\$53,042
2011	BIOSENTINEL LLC	WI	R43AI089033	VALIDATION OF A CELL-BASED ASSAY FOR BONT/A DETECTION AGAINST THE MOUSE BIOASSAY	\$212,310
2011	STRATATECH CORPORATION	WI	R44AI090778	DEVELOPMENT OF AN ANTIMICROBIAL CELLULAR THERAPEUTIC FOR INHIBITION OF BIOFILM FO	\$1,000,000
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$372,438
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$693,305

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2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048087	T CELLS IN GRANULOMATOUS IMMUNE RESPONSES	\$380,259
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI077988	MULTIPLIED POC DEVICE FOR ANTIGEN/MOLECULAR DETECTION OF INFLUENZA & OTHER VIRUSES	\$440,441
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI092004	Rapid Analytics for Endotoxin using Liquid Crystalline Droplets	\$218,870
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI090308	CHARACTERIZATION OF A NOVEL REGULATORY PROTEIN IN M. TUBERCULOSIS	\$218,870
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	F32AI092977	CM F32 12-08-10 RESUBMISSION	\$56,294
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$169,345
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$172,681
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080675	Retinoblastoma (Rb) protein pathway in human cytomegalovirus infected cells	\$359,855
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI089370	Pathogenesis of Cryptococcus Spores	\$363,696
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI074515	NANOEMULSIONS AS NOVEL ADJUVENTS FOR INFLUENZA VIRUS VACCINES	\$596,673
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI076114	MINIGENE VACCINATION WITH EARLY PRESENTED VIRAL PROTEINS	\$530,913
2011	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$399,391
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$360,059
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI052056	The Functional Significance of CTL Escape	\$718,001
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$379,526
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI078713	DISSECTION OF CELLULAR INTERACTIONS IN T1DM WITH INTEGRATED FUNCTIONAL GENOMICS	\$373,040
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074940	ANALYSIS OF HUMAN NKT CELL AUTO-ANTIGENS	\$359,141
2011	SCARAB GENOMICS LLC	WI	R44AI088981	INNATE IMMUNE PROTECTION BY CLEAN GENOME E. COLI	\$995,989
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI093228	SIV-SPECIFIC MAMU-E-RESTRICTED CD8+ T CELLS	\$204,339
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI083281	Impact of HCMV proteins on viral replication and cellular signaling pathways	\$340,010
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI096070	MINING A COLLECTION OF SOIL AMOEBAE FOR ANTIBACTERIA AGENTS	\$181,745

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2011	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R03AI090339	DUAL-FUNCTION BIOCATALYSTS FOR THE SYNTHESIS OF ENGINEERED ANTI-MRSA ANTIBIOTICS	\$73,850
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$290,957
2011	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$399,391
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$347,389
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI019769	IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS	\$372,810
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI049577	ACTIVITY OF PSEUDOMONAS TYPE III TOXINS	\$364,161
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048785	REGULATION OF CD8 T CELL IMMUNITY BY CDK INHIBITOR P27KIP1	\$409,221
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$356,256
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$299,549
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$192,580
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080598	MOLECULAR MECHANISMS FOR THE HIGH PATHOGENICITY OF 1918 INFLUENZA VIRUS	\$655,156
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI084787	DEFINING THE IMPORTANCE OF CD8+ T CELL BREADTH IN SIV/HIV PROTECTIVE IMMUNITY	\$706,131
2011	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI091829	Microbial Community Profiles Identify New Indicators of Waterborne Pathogens	\$393,252
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI092460	CROSS-PROTECTIVE IMMUNITY TO AFRICAN TRYPANOSOMES	\$218,870
2011	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R33AI080557	ACTIVATED PROTEIN C FOR TREATMENT OF RADIATION COMBINED INJURY	\$414,373
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI094110	ENCAPSIDATION OF THE POXVIRUS GENOME	\$229,500
2011	BIOSENTINEL LLC	WI	R44AI081531	A CELL-BASED ASSAY FOR BOTULINUM NEUROTOXIN DETECTION AND DEVELOPMENT	\$680,684
2011	CDI BIOSCIENCE INC	WI	R01AI093354	HIGH-EXPRESSION, RAPID PRODUCTION OF INFLUENZA VACCINES IN CELL-BASED SYSTEMS	\$320,430
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI098420	Biological and Human Dimensions of Primate Retroviral Transmission	\$498,735
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI063325	CONFORMATIONAL DUALITY IN THE HUMAN CHEMOKINE LTN/XCL1	\$351,746
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$458,767
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$319,871

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2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI088551	ULTRA-SENSITIVE NMR VIA PHOTOCHEMICALLY INDUCED DYNAMIC NUCLEAR POLARIZATION	\$106,420
2011	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI088001	ANTIVIRAL POTENTIAL OF HELICASE INHIBITORS	\$365,558
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI082147	THE HEART OF OSPC AS A BORRELIA BURGDORFERI ADHESIN	\$225,720
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI072023	CYTOKINES IN T REGULATORY CELL FUNCTION	\$134,325
2011	C5-6 TECHNOLOGIES INC	WI	R43AI094728	ENZYMATIC THERAPIES FOR CYSTIC FIBROSIS BIOFILMS	\$227,829
2011	MINITUBE OF AMERICA	WI	R41AI082853	GALT-KO PIGS EXPRESSING PRIMATE CD47 TO FACILITATE ORGAN XENOGRAFTS	\$296,032
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI091921	THE LYSOSOME OF TRYPANOSOMA BRUCEI: A PROTEOMIC ANALYSIS	\$197,750
2011	LUCIGEN CORP	WI	R43AI094885	EXPANDING SMALL MOLECULE FUNCTIONAL METAGENOMICS THROUGH SHUTTLE BAC EXPRESSION I	\$226,401
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	\$782,362
2011	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$20,000
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI091646	Evolution of Virus-Host Interactions	\$370,224
2011	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI093008	FOCIS Educational Courses: Basic Immunology in Medicine Update, Interventional Im	\$12,000
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI092225	Prevention of C. Albicans Biofilms by Beta-Peptide Release From Thin Films	\$363,490
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI093553	Regulation of vaccine-induced anti-fungal T17 cells	\$431,748
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$360,187
2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI051669	M. TUBERCULOSIS GENES REGULATING PERSISTENT INFECTION	\$327,744
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$359,855
2011	IOGENETICS LLC	WI	R44AI056944	ANTIBODY-BIOCIDE FUSIONS TO CONTROL CRYPTOSPORIDIUM	\$999,999
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$356,014
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI081045	REGULATION OF IFN-BETA INDUCTION BY P2X7 PURINERGIC RECEPTOR SIGNALING	\$140,711
2011	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$499,518

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2011	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI093104	Comprehensive Analysis of Borrelia burgdorferi Adhesins	\$471,399
2011	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI093917	THE NOVEL CROSS-LINKING OF THE FLAGELLAR HOOK PROTEIN OF BORRELIA BURGDORFERI	\$221,375
2011	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI083683	SCL1-MEDIATED IMMUNE EVASION OF THE RHEUMATOLOGENIC GROUP A STREPTOCOCCUS	\$219,780
2011	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R03AI081701	METABOLIC INTERDEPENDENCY OF TSETSE FLY SYMBIOSIS	\$72,518
2010	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$0
2010	UKZN INNOVATION (PTY) LTD		U01AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$0
2010	STELLENBOSCH UNIVERSITY		U01AI069521	STELLENBOSCH UNIVERSITY CLINICAL TRIAL UNIT, CAPE TOWN, SOUTH AFRICA	\$0
2010	UNIVERSITY OF BRITISH COLUMBIA		U01AI074449	ADJUVANTS AND VIROSOMAL VACCINES FOR THE ELDERLY	\$0
2010	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$0
2010	MURDOCH CHILDREN'S RESEARCH INSTITUTE		R01AI085198	THE SAFETY OF PNEUMOCOCCAL POLYSACCHARIDE VACCINE IN CHILDREN - A FOLLOWUP STUDY.	\$0
2010	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$0
2010	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$0
2010	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$0
2010	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$0
2010	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$0
2010	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$0
2010	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$0
2010	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING & BIOTECH		R01AI076192	IMMUNE EVENTS, TRANSCRIPTOMICS AND BIOMARKERS IN HEPATITIS E PATHOGENESIS	\$0
2010	ST GEORGES HOSPITAL MEDICAL SCHOOL		R33AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$0
2010	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$0
2010	MAHIDOL UNIVERSITY		R01AI089410	MAS-PCR RAPID SCREENING TEST FOR MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB)	\$0

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2010	FUNDA CAO FACULDADE DE MEDICINIA		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$0
2010	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$0
2010	UNIVERSITY OF TORONTO		R01AI067683	CHARACTERIZATION OF ANTHRAX LETHAL TOXIN	\$0
2010	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$0
2010	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$0
2010	UNIVERSITY OF UPPSALA		U01AI065192	INNATE IMMUNITY IN CLINICAL ISLET TRANSPLANTATION: A CLINICAL STUDY (CIT0-01) IN	\$0
2010	DRUGS FOR NEGLECTED DISEASES INITIATIVE		R01AI090592	K777 for treatment of Chagas Disease: IND-enabling Studies and IND Submission	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI063565	CMV SUBUNIT VACCINE IN YOUNG WOMEN AT RISK	\$0
2010	SOUTHERN RESEARCH INSTITUTE	AL	R01AI068517	STRUCTURE OF M. TUBERCULOSIS ADENOSINE KINASE AND DESIGN OF ANTIMICROBIAL NUCLE	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	-\$496,475
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077457	HTS FOR INHIBITORS OF HIV-1 LATENCY ESTABLISHMENT	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069452	ALABAMA-CLINICAL TRIALS UNIT	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050066	ASSEMBLY OF THE NEGATIVE STRANDED RNA VIRUS CORE	\$0
2010	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	-\$32,883
2010	UNIVERSITY OF ARIZONA	AZ	R56AI084691	MOLECULAR ARCHEOLOGY OF HIV	\$0
2010	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R56AI089846	ROLE OF MACROPHAGE REGULATORY CELLS (MAC-REGS) IN IMMUNE REGULATION	\$0
2010	UNIVERSITY OF ARIZONA	AZ	R56AI083403	ALTERNARIA PROTEASES AND PROTEASE DEFENSES IN ASTHMA	\$0
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052778	HIV CORECEPTOR SWITCHING	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	\$0
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083355	RIG-I AND TRIM25 MEDIATED IMMUNE SURVEILLANCE AGAINST VIRUS	\$0
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI088886	2010 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$0

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2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	F32AI084418	ROLE OF CTCF IN V(D)J REARRANGEMENT	-\$7,521
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI088934	NOVEL TRANSFORMATIONS IN THE BIOSYNTHESIS OF THE ANTIBIOTIC MARINOPYRROLE	-\$47,606
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI091536	BACTERIA BASED AGENTS FOR THERAPY OF AIDS ASSOCIATED INFECTIONS	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$8,460
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI078625	KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS (KSHV) EVASION OF NATURAL KILLER CELLS	-\$5,873
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI075609	ROLE OF THE MHC CLASS II TRANACTIVATOR GENE IN LUPUS AND RHEUMATOID ARTHRITIS	-\$11,615
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$0
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$0
2010	IMMPORT THERAPEUTICS INC	CA	R44AI058365	SERIODIAGNOSTIC ARRAYS FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$0
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI079775	IRON STARVATION: A NOVEL STRATEGY FOR HIV AND CHLAMYDIA MICROBICIDES	\$0
2010	J DAVID GLADSTONE INSTITUTES	CA	F32AI068531	CHROMATIN DYNAMICS IN A MODEL OF LATENT HIV INFECTION	-\$36,758
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	-\$13,625
2010	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R56AI079070	PLATNESIMYCIN AND PLATENCIN BIOSYNTHESIS AND ENGINEERING IN ANTIBACTERIAL DRUGS	\$348,640
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R56AI083514	BCL11B IN EARLY T CELL DEVELOPMENT	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI039987	ANTIFUNGALS FROM MARINE INVERTEBRATES --AIDS ADJUVANTS	\$0
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068063	CELL DEATH AND ANTIBODY-MEDIATED PROTECTION FROM AUTOIMMUNITY	-\$179,500
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI066901	PHARMACOKINETICS AND PATHOGENESIS OF TREATMENT RESPONSES	-\$49,627
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$0

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2010	STANFORD UNIVERSITY	CA	R01AI042801	EPIDEMIOLOGY OF HELICOBACTER PYLORI TRANSMISSION	\$0
2010	MONOGRAM BIOSCIENCES INC	CA	R43AI083184	NOVEL ASSAYS FOR MEASURING SUSCEPTIBILITY TO INHIBITORS THAT TARGET HIV1 VIRION A	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI083112	MODULATING TIM-3 TO CONTROL HIV INFECTION	-\$249,074
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069436	UZ-UCSF CLINICAL TRIALS UNIT	\$0
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$0
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061452	PROTEIN TRANSLOCATION BY THE TYPE III SECRETION SYSTEM	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067727	HUMAN RESERVOIRS OF PLASMODIUM VIVAX TRANSMISSION IN THE PERUVIAN AMAZON	\$0
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$0
2010	STANFORD UNIVERSITY	CA	R01AI048540	MOLECULAR PRINCIPLES OF TCR RECOGNITION AND ACTIVATION BY PEPTIDE-MHC	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076632	CARBON MONOXIDE IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	-\$65,852
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI083012	IDENTIFICATION OF THE MECHANISMS CONTROLLING TLR9 LOCALIZATION	-\$3,530
2010	ENCODE BIO INC	CA	R43AI091077	USING A CYCLOTIDE-BASED MOLECULAR SCAFFOLD TO SELECT SPECIFIC PROTEIN-PROTEIN INH	\$0
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$0
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01DK078013	ACHIEVING THERAPEUTIC ANTIGENT-SPECIFIC TOLERANCE IN TYPE 1 DIABETES	\$0
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI084317	THE NOVEL PROTEIN, FIML, REGULATES VIRULENCE IN PSEUDOMONAS AERUGINOSA	\$0
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	-\$208,575
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	K99AI085107	MECHANISMS OF CARBON DIOXIDE AVOIDANCE IN PARASITIC NEMATODES	-\$30,371
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091100	MECHANISM OF INNATE IMMUNE RECOGNITION OF CYCLIC-DI-GMP	\$0
2010	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$0

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2010	NATIONAL JEWISH HEALTH	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$0
2010	YALE UNIVERSITY	CT	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$0
2010	YALE UNIVERSITY	CT	R01AI052473	Natural History of Urban Leptospirosis	\$270,923
2010	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$0
2010	YALE UNIVERSITY	CT	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$45,360
2010	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$0
2010	YALE UNIVERSITY	CT	R56AI062428	ANTIVIRAL CTL MOBILIZATION TO THE GENITAL MUCOSA	\$0
2010	YALE UNIVERSITY	CT	R01AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$0
2010	YALE UNIVERSITY	CT	R01AI069396	TH2 RESPONSES IN THE CUTANEOUS ENVIRONMENT	\$0
2010	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$0
2010	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$0
2010	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$0
2010	UNIVERSITY OF FLORIDA	FL	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$191,193
2010	UNIVERSITY OF FLORIDA	FL	F31AI071353	TYPE I INTERFERON RESPONSES TO HEPATITIS C VIRUS	-\$20,633
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$0
2010	UNIVERSITY OF MIAMI	FL	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	\$197,664
2010	UNIVERSITY OF MIAMI	FL	R01AI044923	REGULATION OF MURINE NEONATAL TH2 FUNCTION	\$0
2010	EMORY UNIVERSITY	GA	K08AI072191	MECHANISMS OF T CELL DYSFUNCTION IN HEPATITIS C VIRUS PERSISTENCE	\$0
2010	EMORY UNIVERSITY	GA	R01AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$0
2010	EMORY UNIVERSITY	GA	R01AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$0
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$0
2010	EMORY UNIVERSITY	GA	R01AI040338	VIRAL AND CELLULAR DETERMINANTS OF HIV-1 ASSEMBLY	\$0
2010	EMORY UNIVERSITY	GA	R56AI083402	CRYO-ELECTRON AND BIOCHEMICAL ANALYSIS OF NATIVE PARAMYXOVIRUS FUSION COMPLEXES	\$0
2010	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$0

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2010	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$0
2010	EMORY UNIVERSITY	GA	T32AI007470	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$0
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI063523	BIOSYNTHESIS AND FUNCTION OF BASE J	\$0
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI080923	TRANSCRIPTIONAL CONTROL OF THE HELICOBACTER PYLORI RPN REGULON	\$0
2010	EMORY UNIVERSITY	GA	R37AI030048	T CELL MEMORY TO VIRUSES	\$0
2010	UNIVERSITY OF HAWAII	HI	R56AI083112	MODULATING TIM-3 TO CONTROL HIV INFECTION	\$240,216
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Levamisole receptors	\$0
2010	UNIVERSITY OF IOWA	IA	R01AI068885	NOVEL THERAPEUTIC APPROACHES FOR ELIMINATING HEPATITIS B VIRUS DNAs AND RNAs	\$0
2010	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$0
2010	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$0
2010	UNIVERSITY OF CHICAGO	IL	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$548,761
2010	UNIVERSITY OF CHICAGO	IL	K08AI059105	ICOS EXPRESSION LEVELS AND TH DEVELOPMENT	-\$91,931
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	RC1AI080296	PARATHYROID HORMONE IN PREVENTION AND MITIGATION OF THROMBOCYTOPENIA	\$0
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI078881	COLLABORATIVE INTEGRATION OF HCV MOLECULAR VIROLOGY AND MATHEMATICAL MODELING	\$0
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI083241	POST-TRANSLATION REGULATION OF LISTERIA MONOCYTOGENES VIRULENCE FACTORS	\$0
2010	NORTHWESTERN UNIVERSITY	IL	F32AI080083	THE FUNCTION OF NGO2115 IN THE NEISSERIA GONORRHOEA OXIDATIVE STRESS RESISTANCE	\$0
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	-\$6,318
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$0
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI059105	ICOS EXPRESSION LEVELS AND TH DEVELOPMENT	\$91,931
2010	PURDUE UNIVERSITY	IN	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	-\$275,757
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI090085	CRYOEM ANALYSIS OF ANTHRAX TOXIN PORE COMPLEXES	\$0
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F32AI081480	Role of a Borrelia burgdorferi fibronectin-binding protein in Lyme Disease	\$0

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2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	-\$191,193
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI024643	STATISTICAL METHODS IN AIDS RESEARCH	\$0
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI048825	SYNTHESIS OF ANTIBIOTICS	\$0
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	-\$162,056
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI078445	MAPK PHOSPHATASES AND INNATE IMMUNITY	\$0
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI089698	A METHOD FOR THE DESIGN OF LOW-COST PAPER-BASED POINT-OF-CARE DIAGNOSTIC DEVICES	\$0
2010	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$27,637
2010	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	-\$213,150
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$0
2010	BOSTON UNIVERSITY	MA	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	-\$1,093,236
2010	ANCORA PHARMACEUTICALS INC	MA	R43AI082878	EVALUATION OF A SYNTHETIC ANTI-GPI VACCINE CANDIDATE IN SEVERE ANEMIA MODELS OF M	\$0
2010	BOSTON MEDICAL CENTER	MA	R21AI081687	RECOMBINATION-QUIESCENT GENES & PHYLOGENIC VALIDATION OF ENCODED VACCINE TARGETS	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI068458	THE EFFICACY AND IMPACT OF ROUTINE HIV AND TB TESTING IN DURBAN, SOUTH AFRICA	\$0
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046706	POLY-N-ACETYL GLUCOSAMINE AS A VACCINE FOR BACTERIAL PATHOGENS	\$0
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$0
2010	DANA-FARBER CANCER INSTITUTE	MA	R33AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	-\$18,709
2010	TUFTS UNIVERSITY	MA	R21AI085250	HOST PROTEIN MODULATION OF TYPE III SECRETION	\$0
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI089350	NOVEL MONITORING STRATEGY AND FITNESS ANALYSIS OF TRANSMITTED HIV DRUG RESISTANCE	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$0
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$0
2010	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI085612	HIGH THROUGHPUT ANTIBIOTIC DISCOVERY FROM THE UNCULTIVATED MICROBIAL MAJORITY.	\$0

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067073	PATHOGENESIS OF CLADE C HIV INFECTION	\$0
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI065540	MECHANICS OF BACTERIAL SWARMING	\$0
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	-\$222,507
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$0
2010	TUFTS UNIVERSITY	MA	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	-\$72,382
2010	TUFTS MEDICAL CENTER	MA	K23AI071872	GENETIC ANALYSIS OF HIV COMPLICATIONS	\$0
2010	BIOHELIX CORPORATION	MA	R44AI066487	HERPES VIRUS TYPING ASSAY FOR DETECTING GENITAL HERPES	\$0
2010	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	-\$4,662
2010	SIGMOVIR BIOSYSTEMS INC	MD	R41AI091246	COTTON RAT: ANIMAL MODEL PREDICTIVE OF CLINICAL RESPONSES TO HSV VACCINES	\$246,332
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$118,390
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069530	MAKERERE UNIV.-JOHNS HOPKINS UNIV. HIV CLINICAL TRIALS UNIT-KAMPALA, UGANDA	\$0
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$0
2010	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	-\$69,445
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI072592	MEMORY T LYMPHOCYTE-MEDIATED INNATE IMMUNITY	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI070921	GENOMIC TOOLS FOR STUDYING THE ECOLOGY OF THE HUMAN VAGINAL MICROFLORA	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	\$157,500
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$0
2010	VIRION SYSTEMS, INC	MD	R56AI078275	EFFECT OF IMMUNOSENESCENCE ON INNATE IMMUNE RESPONSES TO RSV	-\$241,771
2010	SIGMOVIR BIOSYSTEMS INC	MD	R56AI078275	EFFECT OF IMMUNOSENESCENCE ON INNATE IMMUNE RESPONSES TO RSV	\$227,610
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	-\$7,963
2010	VIRION SYSTEMS, INC	MD	R41AI091246	COTTON RAT: ANIMAL MODEL PREDICTIVE OF CLINICAL RESPONSES TO HSV VACCINES	-\$260,637

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2010	VIRION SYSTEMS, INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	-\$414,971
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$0
2010	PROFECTUS BIOSCIENCES INC	MD	R56AI087479	EVALUATING THE IN VIVO EFFICACY OF CD4I ANTIBODY, M9	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	-\$118,390
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI077757	MECHANISMS OF IMMUNE EVASION BY HEPATITIS C VIRUS	\$0
2010	SIGMOVIR BIOSYSTEMS INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$414,971
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	-\$24,399
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI089878	DURATION OF HORMONAL CONTRACEPTIVE USE: IMMUNE RESPONSES & VAGINAL MICROBIOTA	\$0
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI060761	ARABIDOPSIS BASAL INNATE IMMUNITY TO BACTERIAL INFECTION	\$0
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$0
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI058134	BIOFILMS AND ENTEROCOCCUS FAECALIS BIOLOGY	\$0
2010	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$0
2010	MAYO CLINIC	MN	R56AI089714	KLF10 REGULATES COLITIS THROUGH MEDIATING TGFB INDUCTION OF FOXP3 IN TREG CELLS.	\$0
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI064046	APOBEC3 PROTEINS IN HIV RESTRICTION	\$0
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI072068	NOVEL REGULATORS OF T CELL MRNA DECAY	-\$48,956
2010	WASHINGTON UNIVERSITY	MO	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	-\$45,360
2010	WASHINGTON UNIVERSITY	MO	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$426,217
2010	WASHINGTON UNIVERSITY	MO	UH2AI083266	THE HUMAN VIROME IN CHILDREN AND ITS RELATIONSHIP TO FEBRILE ILLNESS	\$0
2010	DIVERGENCE INC	MO	R43AI085744	FACILE DETECTION OF SOIL-TRANSMITTED HELMINTH INFECTIONS	-\$126,861
2010	MONSANTO COMPANY	MO	R43AI085744	FACILE DETECTION OF SOIL-TRANSMITTED HELMINTH INFECTIONS	\$124,126
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	F32AI085627	BIOACTIVITY OF APTAMERS TARGETED TO HIV REVERSE TRANSCRIPTASE	\$0

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2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	K08AI083744	OSPC MEDIATED EVASION OF THE INNATE IMMUNE RESPONSE BY BORRELIA BURGDORFERI	\$0
2010	WASHINGTON UNIVERSITY	MO	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$0
2010	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$0
2010	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$0
2010	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$0
2010	DUKE UNIVERSITY	NC	F31AI078715	ELUCIDATION OF THE MECHANISMS OF CD8+ T CELL NONCYTOLYTIC ANTIVIRAL RESPONSE	-\$7,825
2010	NOVAN INC	NC	R43AI082866	NITRIC OXIDE RELEASING CATHETER COATINGS TO PREVENT NOSOCOMIAL INFECTIONS	\$0
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$270,414
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$0
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI077324	ALPHAVIRUS MODULATION OF THE HOST TYPE I INTERFERON SYSTEM	-\$5,295
2010	EAST CAROLINA UNIVERSITY	NC	R01AI048499	BRUCELLA STATIONARY PHASE GENE EXPRESSION AND VIRULENCE	\$0
2010	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$0
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	-\$367,538
2010	DARTMOUTH COLLEGE	NH	R01AI048667	EFFECTOR MECHANISMS IN GRAFT TOLERANCE	\$0
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$0
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI079771	SMALL-MOLECULE INHIBITORS OF GP41-MEDIATED FUSION AS HIV-1 TOPICAL MICROBICIDES	\$229,891
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066188	GR-1+ CELLS AND THE RESPONSE TO NEMATODE PARASITES	\$0
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$216,342
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	\$234,000
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R56AI090155	THE MOLECULAR BASIS OF EPIDEMIC BLAKPC KLEBSIELLA PNEUMONIAE AND ENTEROBACTERIACE	\$0
2010	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotxin Diagnostics	\$0

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2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI087807	UNDERSTANDING THE BIOLOGY OF SCHISTOSOMES IN RESPONSE TO PRAZIQUANTEL	\$0
2010	NEW MEXICO HIGHLANDS UNIVERSITY	NM	SC2AI081657	PHARMACEUTICAL POLYMORPHS: AN ELECTRONIC APPROACH	\$0
2010	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	-\$10,781
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI067136	MECHANISMS OF IN VIVO PROTECTION FROM HIV INFECTION	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$3,713
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	-\$64,423
2010	ROCKEFELLER UNIVERSITY	NY	R21AI082329	A NOVEL METHOD TO IDENTIFY INTERACTING PARTNERS OF INSOLUBLE PROTEINS	\$0
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	\$27,571
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	-\$216,342
2010	ALBANY COLLEGE OF PHARMACY	NY	R21AI075250	SYNERGISTIC EXTRA AND INTRACELLULAR RECOGNITION OF F. TULARENSIS	-\$156,942
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	-\$253,499
2010	UNIVERSITY OF ROCHESTER	NY	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	\$379,294
2010	CORNELL UNIVERSITY	NY	R01AI073955	Eosinophils and Allergic Airway Responses	\$376,467
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$44,616
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI068063	CELL DEATH AND ANTIBODY-MEDIATED PROTECTION FROM AUTOIMMUNITY	\$179,500
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$0
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI072487	TYPE IV SECRETION SYSTEMS IN LEGIONELLA PNEUMOPHILA	\$0
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI079771	SMALL-MOLECULE INHIBITORS OF GP41-MEDIATED FUSION AS HIV-1 TOPICAL MICROBICIDES	-\$229,889
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$208,575
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI079389	EFFECT OF IRON AVAILABILITY ON STAPHYLOCOCCUS AUREUS EXOPROTEIN PRODUCTION.	\$0

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2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI090072	MODULATION OF MACROPHAGE FUNCTION BY FRANCISELLA TULARENSIS	-\$292,490
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$78,473
2010	NEW YORK MEDICAL COLLEGE	NY	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$0
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	-\$566,144
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI083878	THE INFLUENCE OF IGA ON B CELL HOMEOSTASIS	\$0
2010	NEW YORK MEDICAL COLLEGE	NY	R56AI090072	MODULATION OF MACROPHAGE FUNCTION BY FRANCISELLA TULARENSIS	\$292,492
2010	CORNELL UNIVERSITY	NY	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$360,056
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	-\$774,843
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI080176	THE ROLE OF UBIQUITINATION ON TBK1 FUNCTION	-\$18,383
2010	SUNY, STONY BROOK	NY	R03AI090309	STRUCTURE-FUNCTION RELATIONSHIP OF THE ADENOVIRUS ASSEMBLY AND DNA PACKAGING PROT	-\$73,608
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$8,998
2010	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI030653	GENE EXPRESSION IN MYELOMA CELLS	\$0
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$0
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI085622	NOVEL ADJUVANT DISCOVERY IN VACCINE THERAPY	\$158
2010	CORNELL UNIVERSITY	NY	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	\$205,928
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052473	Natural History of Urban Leptospirosis	-\$252,439
2010	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$0
2010	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI083739	MTB directly regulates human CD4+ T cell activation	-\$118,976
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R03AI090309	STRUCTURE-FUNCTION RELATIONSHIP OF THE ADENOVIRUS ASSEMBLY AND DNA PACKAGING PROT	\$71,550
2010	NOVELMED THERAPEUTICS INC	OH	R43AI085697	NEUTRALIZING ANTIBODIES FOR COMPLEMENT INHIBITION	\$0
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K08AI071111	CHEMOKINES AND THEIR RECEPTORS IN THE PATHOGENESIS OF TUBERCULOSIS	\$0
2010	WRIGHT STATE UNIVERSITY	OH	R15AI090613	Function and regulation of TRPM7 Mg2+-inhibited cation channels	-\$111,757

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	-\$78,198
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI024717	Genetic Linkage in Lupus	\$317,107
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	-\$333,720
2010	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$0
2010	OHIO STATE UNIVERSITY	OH	R56AI090060	MESSENGER RNA CAPPING AND METHYLATION IN PNEUMOVIRUSES	\$0
2010	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI076981	BASIC AND COMPARATIVE STUDIES OF CCR5 INHIBITION TO PREVENT HIV TRANSMISSION	-\$49
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R37AI024717	Genetic Linkage in Lupus	-\$338,942
2010	PORTLAND STATE UNIVERSITY	OR	R56AI051629	PHOSLACTOMYCINS: BIOSYNTHESIS & ACTIVITY	\$0
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$118,976
2010	PORTLAND STATE UNIVERSITY	OR	R56AI090848	PRE-CLINICAL SAFETY AND EFFICACY OF REVERSED CHLOROQUINES	\$0
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI025920	FUNCTIONAL CHARACTERIZATION OF LEISHMANIA TRANSPORTERS	\$0
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	-\$202,713
2010	DREXEL UNIVERSITY	PA	R01AI064844	ROLE OF HEPATITIS B VIRUS X PROTEIN IN HBV REPLICATION.	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI060836	HERPES SIMPLEX VIRUS CAPSID ASSEMBLY AND DNA PACKAGING	\$0
2010	VENATORX PHARMACEUTICALS INC	PA	R01AI089512	DEVELOPMENT OF NEW BETA-LACTAMASE INHIBITORS FOR RESISTANT CATEGORY B FOOD/WATER-	\$156,942
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI085837	DEFINING MECHANISMS FOR HOW NDFIP1 REGULATES T CELL-MEDIATED ALLERGIC RESPONSES	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI083480	EPITHELIAL CELL REGULATION OF INTESTINAL IMMUNE HOMEOSTASIS	\$0
2010	TEMPLE UNIVERSITY	PA	R21AI078417	DENDRITIC CELL LIGATION OF COMPLEMENT RECEPTOR 3 IN TRANSPANATION TOLERANCE	\$0
2010	TEMPLE UNIVERSITY	PA	R56AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	-\$14,425
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077268	MOLECULAR DISSECTION OF EARLY TOXOPLASMA GONDII BRADYZOITE DIFFERENTIATION	-\$37,153
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$0

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2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077370	MECHANISMS OF HIV RESISTANCE TO CCR5 INHIBITORS AND CONSEQUENCES FOR PATHOGENESIS	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$0
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$0
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	-\$432,242
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI077771	VIRUS-LIKE PARTICLE VACCINES FOR PANDEMIC INFLUENZA	\$0
2010	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$0
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI067780	TH2 EFFECTS ON EICOSANOID PATHWAYS: IMPLICATIONS FOR ALTERED INNATE RESPONSES IN	\$0
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$0
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI073955	Eosinophils and Allergic Airway Responses	-\$359,135
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI080584	MULTIDRUG-RESISTANT ACINETOBACTER BAUMANNII	\$0
2010	RHODE ISLAND HOSPITAL	RI	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$333,720
2010	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$0
2010	UNIVERSITY OF RHODE ISLAND	RI	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$184,250
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$0
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$0
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI070373	THERAPEUTIC MONOCLONAL ANTIBODIES TO H5N1 INFLUENZA	\$0
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R33AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$0
2010	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI068135	STRUCTURAL GENOMICS OF PERSISTENCE TARGETS FROM M. TUBERCULOSIS	\$0
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$3,750
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI042815	PROTECTION OF GENITAL MUCOSA AND GANGLIA AGAINST HSV-2	\$0
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI071283	VACCINE FOR EPIDEMIC TYPHUS	\$0

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2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$982,178
2010	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI044594	FATTY ACID BIOSYNTHESIS IN CRYPTOSPORIDIUM PARVUM	\$0
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$3,750
2010	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI042075	T CELL SUBSETS IN MURINE MYCOPLASMA RESPIRATORY DISEASE	\$0
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$0
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067861	IMPORTANCE OF ADHESIN-LIKE PROTEINS OF ENTEROCOCCUS FAECIUM	\$0
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$0
2010	BAYLOR RESEARCH INSTITUTE	TX	R21AI085523	GENOME-WIDE PROFILING OF IMMUNE RESPONSIVENESS IN PATIENTS WITH PRIMARY IMMUNODEF	-\$100,781
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$3,000
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPITOPE PREDICTION	\$0
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolyticus T3SS1	\$3,750
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI076632	CARBON MONOXIDE IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	\$65,852
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI076365	GENE EXPRESSION BY MORAXELLA CATARRHALIS IN VIVO	\$0
2010	BAYLOR RESEARCH INSTITUTE	TX	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	-\$1,183,556
2010	NAVIGEN INC	UT	R43AI089005	SLIT2N FOR THE TREATMENT OF INFLUENZA-INDUCED ACUTE RESPIRATORY DISTRESS	\$0
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI067746	DEVELOPMENT OF A POLYVALENT CHIMERIC VACCINE FOR LYME DISEASE	\$0
2010	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$0
2010	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN- γ with mast cells and eosinophils i	\$0
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088298	PROTEOMIC ANALYSES OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION APPARATUS	\$0
2010	UNIVERSITY OF VERMONT	VT	R01AI063276	FUNCTIONAL STUDIES OF TOXOPLASMA GONDII AMA1 AND AMA2	\$0

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2010	UNIVERSITY OF WASHINGTON	WA	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$774,843
2010	TRIA BIOSCIENCE CORPORATION	WA	R43AI081383	PANDEMIC H5N1 VACCINE CONTAINING RECOMBINANT H5 AND A SYNTHETIC TLR4 AGONIST, GLA	\$0
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI071998	MONOCYTE-MEDIATED HOST DEFENSE AGAINST ASPERGILLUS FUMIGATUS	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$0
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI085523	GENOME-WIDE PROFILING OF IMMUNE RESPONSIVENESS IN PATIENTS WITH PRIMARY IMMUNODEF	\$170,790
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$0
2010	UNIVERSITY OF WASHINGTON	WA	F32AI077352	IDENTIFYING THE LINK BETWEEN HIV-1 GAG ASSEMBLY AND BUDDING	-\$16,782
2010	UNIVERSITY OF WASHINGTON	WA	F32AI073027	QUORUM SENSING IN BURKHOLDERIA MALLEI	\$0
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI091550	HIV-1 EVOLUTION IN THE FEMALE GENITAL TRACT AND TRAFFICKING TO THE BLOOD	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$0
2010	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$0
2010	UNIVERSITY OF WASHINGTON	WA	F31AI086071	SELF-COLLECTION FOR HPV IN 18-24 YEAR-OLD WOMEN WHO DATE ONLINE	-\$14,455
2010	UNIVERSITY OF WASHINGTON	WA	K23AI082553	REBOUND MALARIA FOLLOWING TRIMETHOPRIM-SULFAMETHOXAZOLE PROPHYLAXIS IN CHILDREN	-\$92,098
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,183,556
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI083455	IMPACT OF THE AUTOIMMUNITY ASSOCIATED PTPN22 1858T	\$0
2010	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$0
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI081298	MITIGATION OF RADIATION-INDUCED LUNG INJURY IN THE DOG MODEL	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI072817	EMPLOYING TOXOPLASMA GONDII VIRULENCE MUTANTS TO EXAMINE PROTECTIVE IMMUNITY	-\$15,320
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI082890	CELLULAR MECHANISMS GOVERNING AN INVASIVE ASPERGILLOSIS VIRULENCE FACTOR	-\$28,789
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI091462	IMMUNOMODULATION OF RELAPSING REMITTING MULTIPLE SCLEROSIS BY GUT PARASITES	\$0

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2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$0
2010	SCARAB GENOMICS LLC	WI	R44AI088981	INNATE IMMUNE PROTECTION BY CLEAN GENOME E. COLI	\$0
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI079070	PLATNESIMYCIN AND PLATENCIN BIOSYNTHESIS AND ENGINEERING IN ANTIBACTERIAL DRUGS	-\$348,640
2009	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI045108	DEVELOPMENT AND PERSISTENCE OF MEMORY T LYMPHOCYTES	\$0
2009	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$0
2009	UNIVERSITY OF ALBERTA		U01AI061233	ULTRASENSITIVE BISPECIFIC ANTIBODY ASSAY FOR SARS VIRUS	\$0
2009	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$0
2009	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$0
2009	DRUGS FOR NEGLECTED DISEASES INITIATIVE		U01AI075726	DEVELOPMENT OF A LOW COST FORMULATION OF AMPHOTERICIN B	\$0
2009	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$0
2009	SIMON FRASER UNIVERSITY		R21AI076176	ORIGIN OF ANTIBODIES WITH LONG CDR-H3 LOOPS IN HIV INFECTION & AUTOIMMUNE DISEASE	\$0
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$0
2009	OCEAN NANOTECH LLC	AR	R43AI084299	QUANTUM DOTS AND MAGNETIC NANOPARTICLES FOR ANTE-MORTEM DIAGNOSIS OF PRION INFECTION	\$0
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI038991	IMMUNITY TO CHLAMYDIAL GENITAL INFECTION	\$0
2009	UNIVERSITY OF ARIZONA	AZ	R56AI081742	DYNAMIC REGULATION OF EPITHELIAL CELL SURVIVAL BY ENTEROPATHOGENIC E. COLI	\$0
2009	ARIZONA STATE UNIVERSITY	AZ	R01AI046428	GENE EXPRESSION IN MYCOBACTERIUM TUBERCULOSIS	\$0
2009	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI066581	REAL-TIME PCR ASSAYS FOR DIRECT DETECTION OF SEPSIS AND CAP PATHOGENS	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$0
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078123	POLE CELL ISOLATION FROM THE MOSQUITOES, AEDES AEGYPTI AND ANOPHELES STEPHENSI	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$0
2009	STANFORD UNIVERSITY	CA	R01AI044095	NK CELL INTERACTIONS IN TRANSPLANTATION	\$0

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067423	TARGETING ALLOSTERIC STUDIES TO MODULATE PROTEIN INTERACTIONS AND FUNCTION	\$0
2009	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI012520	MECHANISM OF INTERFERON ACTION	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI060379	CELL MEDIATED IMMUNITY IN HIV INFECTED CHILDREN	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AR055075	CYTOKINES AS PREDICTORS OF DISEASE PROGRESSION IN SCLERODERMA LUNG DISEASE	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078455	IMPROVED HUMANIZED MOUSE MODELS FOR VACCINE DEVELOPMENT	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI068550	MEASURING THE QUALITY OF HIV/AIDS CARE IN MEXICO	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	R56AI079319	THE CONTRIBUTION OF PROTEIN DYNAMICS TO ANTIBODY AFFINITY MATURATION	\$0
2009	VICAL, INC	CA	R42AI065015	HERPES SIMPLEX IMMUNOTHERAPEUTIC VACCINE	\$0
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI039540	THE ROLE OF SAND FLY SALIVA IN VISCERALIZATION OF LEISHMANIA PARASITES	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$8,460
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI063927	BACTERIAL STI AND INNATE IMMUNITY IN HIV SUSCEPTIBILITY	\$0
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI047822	INTESTINAL LYMPHOCYTE TRAFFICKING	\$0
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI059311	RISK FACTORS FOR ECZEMA VACCINATUM IN ATOPIC DERMATITIS	\$0
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI070091	ANTIFUNGAL DRUG SUSCEPTIBILITY OF CRYPTOCOCCUS NEOFORMANS	\$0
2009	UNIVERSITY OF CALIFORNIA	CA	R21AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$0
2009	EPITOGENESIS, INC.	CA	R43AI084690	MUCOSAL IMMUNE-ENHANCING DELIVERY SYSTEM FOR HIV VACCINES	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI067943	SURVIVAL ANALYSIS METHODS FOR TRANSPLANTATION STUDIES	\$0
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI053728	A MENINGOCOCCAL LOS VACCINE	\$0
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$0
2009	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	U01AI061442	NEUTRALIZING BOTULINUM NEUROTOXIN WITH HUMAN ANTIBODIES	\$0

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2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R37AI022931	MOLECULAR ASPECTS OF LEUKOCYTE ANTIMICROBIAL PEPTIDES	\$0
2009	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$0
2009	COLORADO STATE UNIVERSITY	CO	R01AI047197	LEPROSY BACILLUS: FROM GENOTYPE TO PHENOTYPE TO TOOLS	\$0
2009	INDEVV LLC	CO	R43AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$0
2009	COLORADO STATE UNIVERSITY	CO	R01AI063457	MOLECULAR EPIDEMIOLOGY OF LEPROSY	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI079925	NOVEL MINIMALLY INVASIVE ASSESSMENT OF GASTROINTESTINAL INFLAMMATION IN FOOD ALLE	\$0
2009	BOLDER BIOTECHNOLOGY, INC	CO	R44AI058815	LONG-ACTING GROWTH HORMONE FOR TREATING HIV-ASSOCIATED ADIPOSE REDISTRIBUTION SYN	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI076161	ENHANCEMENT OF HIV-SPECIFIC CD4+ T CELL FUNCTION BY BLOCKADE OF THE PD-1 PATHWAY	\$0
2009	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$0
2009	YALE UNIVERSITY	CT	F32AI071388	CYTOKINE SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	-\$26,846
2009	L2DIAGNOSTICS, LLC	CT	R43AI078649	NANOPARTICLE-BASED VACCINES AGAINST FLAVIVIRUSES	\$0
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F32AI074277	REGULATION OF MEMORY T CELL LINEAGE DIFFERENTIATION BY EPIGENETIC MODIFICATIONS	-\$2,071
2009	YALE UNIVERSITY	CT	R03AI078333	ANALYSIS OF THE TRYPANOSOMA BRUCEI GENOME USING TILING ARRAYS	\$0
2009	GEORGETOWN UNIVERSITY	DC	R34AI085193	THE NOSES TRIAL, NASAL IRRIGATION, ORAL STEROIDS, ANTIBIOTICS AND SUBGROUP TARGET	\$0
2009	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI057906	HCMV UL37 PROTEINS: TRAFFICKING & FUNCTIONAL DIVERSITY	\$0
2009	GEORGETOWN UNIVERSITY	DC	R01AI045957	THE PHYSIOLOGY OF DRUG RESISTANT MALARIA	\$0
2009	UNIVERSITY OF FLORIDA	FL	R01AI065265	ROLE OF HIV-1 ENV DIVERSITY IN CELLULAR TROPISM	\$0
2009	UNIVERSITY OF FLORIDA	FL	R01AI044793	INVASION BIOLOGY OF Aedes albopictus	\$0
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI067569	PROPHAGE-ASSOCIATED VIRULENCE FACTORS IN PATHOGENIC NEISSERIA SPECIES	\$0
2009	EMORY UNIVERSITY	GA	R01AI036680	IMMUNODOMINANT TARGETS OF CMI TO CRYPTOSPORIDIUM	\$0
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI058297	NOVEL PHOSPHOLIPASES C IN TRYPANOSOMATIDS	\$0

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2009	EMORY UNIVERSITY	GA	R21AI079539	CURCUMIN: A MULTI-MECHANISM HIV MICROBICIDE	\$0
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI073799	NONSTRUCTURAL ROLES OF CAPSID PROTEINS IN VIRUS REPLICATION	\$0
2009	EMORY UNIVERSITY	GA	R01AI071852	THERAPEUTIC DNA/MVA VACCINES FOR HIV	\$0
2009	UNIVERSITY OF HAWAII	HI	R21AI076955	NOVEL ENGINEERING OF A P. FALCIPARUM MEROZOITE SURFACE PROTEIN 1 MALARIA VACCINE	\$0
2009	UNIVERSITY OF IOWA	IA	R21AI073330	SELECTION OF SMALL INHIBITORY MOLECULES AGAINST FILOVIRUSES	\$0
2009	NEWLINK GENETICS CORPORATION	IA	R41AI082812	NOVEL IMMUNE-BASED THERAPY FOR LEISHMANIASIS AND TUBERCULOSIS	\$0
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI057860	MOLECULAR MECHANISM OF HSV ENTRY AND SPREAD	\$0
2009	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI057349	ENTRY OF HHV-8 INTO THE TARGET CELLS	\$0
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI064611	RECEPTOR-BASED THERAPEUTICS FOR ENTEROTOXINS	\$0
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI063508	ECOLOGICAL GENOMICS OF ANOPHELES GAMBIAE	\$0
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI058944	REGULATION OF HTLV-I REPLICATION BY THE VIRAL P30	\$0
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI061017	EPSTEIN-BARR VIRUS GLYCOPROTEINS AND VIRUS SPREAD	\$0
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI055869	ANALYSES OF SIGMA FACTOR 28 OF C. TRACHOMATIS	\$0
2009	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI043000	GENETICS AND FUNCTIONS OF HSV MEMBRANE FUSION PROTEINS	\$0
2009	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R21AI070787	RNA APTAMERS AS NOVEL ANTIDOTES AGAINST BOTULISM	\$0
2009	AMBERGEN	MA	R44AI052525	NOVEL PROTEOMIC ARRAYS OF IN VITRO EXPRESSED PROTEINS FOR AUTOIMMUNE DISEASE	\$0
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI078142	SIMIAN VIRUS 40 (SV40) UNCOATING AND PENETRATION	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI074088	MECHANISTIC EXPLORATIONS OF MICROCIN E492M BIOSYNTHESIS AND MATURATION	-\$30,455
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$0
2009	IMMUNETICS, INC	MA	R43AI078567	DETECTION OF ANTIBIOTIC RESISTANCE GENES IN BACTERIAL AGENTS OF HOSPITAL-ACQUIRED	\$0
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI037750	IN VIVO PATHOGENESIS OF HELICOBACTER PYLORI	\$0

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2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007272	VIRUS INFECTIONS: PATHOGENESIS AND HOST IMMUNE RESPONSES	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI072973	ANERGIZING EFFECT OF NK CELL RECEPTOR EXPRESSION ON HIV-SPECIFIC CD8+ T CELLS	\$0
2009	DANA-FARBER CANCER INSTITUTE	MA	R21AI077464	REGULATION OF T CELL ACTIVATION BY HIV NEF	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI068395	THE IMPACT OF DRUG-DRUG INTERACTIONS ON THE EVOLUTION OF ANTIBIOTIC RESISTANCE	-\$26,612
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI079769	LRRC8 SIGNALING IN T CELLS	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI046006	HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$0
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI064177	TCR CROSSREACTIVITY IN AUTOIMMUNE DISEASES	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI059010	MOUSE MODEL FOR SEPSIS	\$0
2009	AMBERGEN	MA	R44AI058620	MASS SPECTROMETRIC DETECTION OF DRUG-RESISTANT HIV	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI061174	TOWARDS A MOUSE MODEL OF COMPLEMENT-MEDIATED DISEASES	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI062435	BRIDGING THE GAP HIV TRIALS AND CLINICAL PRACTICE	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI062773	GENOMIC APPROACHES TO HOST-PATHOGEN INTERACTIONS	\$0
2009	BOSTON UNIVERSITY	MA	R01AI058107	PRIMATE MODEL AND PATHOGENESIS OF ANTHRAX SEPSIS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI035817	MECHANISM AND FUNCTION OF UNIPOLARITY OF SHIGELLA ICSA	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063795	LIVING CELL ARRAYS FOR REAL TIME FUNCTIONAL GENOMICS	\$0
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI082589	MOLECULAR BIOMARKERS FOR MALARIA	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067711	STRUCTURAL, GENETIC, AND FUNCTIONAL ANALYSES OF THE GLYCOPROTEINS OF BACTEROIDES	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI056230	GENE BY ENVIRONMENT INTERACTIONS IN ASTHMA AND ALLERGY	\$0
2009	BETH ISRAEL HOSPITAL	MA	R01AI065335	IMMUNE CONTROL OF SIVAGM REPLICATION IN VIVO	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$0
2009	GENVEC INC	MD	R43AI077309	NOVEL AD5 MALARIA VACCINE THAT CIRCUMVENTS PRE-EXISTING AD5 IMMUNITY	\$0

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2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI060990	RNA-BINDING PROTEIN HUR IN ALLERGIC INFLAMMATION	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI068961	RECOMBINANT YELLOW FEVER 17D-LASSA VACCINE	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$0
2009	UNIVERSITY OF MARYLAND	MD	R01AI059617	THE ACTIN CYTOSKELETON IN BETA CELL ACTIVATION	\$0
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI046438	LIVER MEMORY CD8 T CELLS IN PROTECTION TO MALARIA	\$0
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI064070	HIGHLY EFFECTIVE NEUTRALIZING ANTIBODIES AGAINST SHIV	\$0
2009	MACROGENICS INC	MD	U01AI070504	COCKTAIL OF NEUTRALIZING MABS FOR SMALLPOX PREVENTION	\$0
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI070486	ANTHRAX IMMUNE GLOBULIN TO PREVENT & TREAT ANTHRAX: ADVANCED PRODUCT DEVELOPMENT	\$0
2009	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	K25AI065459	THE ROLE OF RAFTS IN VIRUS-INDUCED MEMBRANE REMODELING	\$0
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064668	COORDINATION OF SIGNALING DURING PHAGOCYTOSIS	\$0
2009	RAPID BIOSENSE LLC	MI	R43AI081397	RAPID, LOW COST, POINT-OF-CARE DIAGNOSTIC DEVICE FOR GROUP B STREPTOCOCCUS	\$0
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI081673	HTLV GAG TRAFFICKING IN LIVING CELLS	\$0
2009	UNIVERSITY OF MINNESOTA	MN	R01AI035796	LEUKOCYTE ADHESION IN ALLERGIC INFLAMMATION	\$0
2009	UNIVERSITY OF MINNESOTA	MN	R01AI065246	HOST SPECIFICITY OF CRYPTOSPORIDIUM GENE EXPRESSION	\$0
2009	SAINT LOUIS UNIVERSITY	MO	R21AI065535	DEVELOPING AN IN VITRO SYSTEM FOR HCV PROPAGATION	\$0
2009	WASHINGTON UNIVERSITY	MO	R01AI052237	COMPARATIVE GENOMICS IN THE ENTEROBACTERIACEAE	\$0
2009	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$0
2009	SAINT LOUIS UNIVERSITY	MO	R01AI068769	QUALITATIVE NATURE OF ANTIBODIES TO HCV GLYCOPROTEIN SUBUNIT VACCINE IN HUMANS	\$0
2009	WASHINGTON UNIVERSITY	MO	U19AI065715	RESEARCH FOR THE ELIMINATION OF LYMPHATIC FILARIASIS	\$0

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2009	WASHINGTON UNIVERSITY	MO	UH2AI083266	THE HUMAN VIROME IN CHILDREN AND ITS RELATIONSHIP TO FEBRILE ILLNESS	\$0
2009	WASHINGTON UNIVERSITY	MO	F32AI071429	ACTIN ASSEMBLY REGULATION IN LYTIC SYNAPSE FORMATION	-\$42,425
2009	MONTANA STATE UNIVERSITY	MT	R01AI026711	NEUTROPHIL FLAVOCYTOCHROME B STRUCTURE AND FUNCTION	\$0
2009	AFFINERGY INC	NC	R43AI081341	PEPTIDE-MEDIATED ATTACHMENT OF DRUG-LOADED MICROPARTICLES TO MEDICAL DEVICES	\$0
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI063453	SRV IS CRITICAL FOR STREPTOCOCCAL SURVIVAL IN THE HOST	\$0
2009	DUKE UNIVERSITY	NC	R21AI079873	IMMUNOTHERAPY FOR PEANUT ALLERGY	\$0
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI064609	STRUCTURAL BASIS OF MEMBRANE TARGETING BY NADPH OXIDASE	\$0
2009	DUKE UNIVERSITY	NC	U01AI074529	PREVENTION OF IMMUNE PATHOLOGY DURING AVIAN INFLUENZA INFECTION	\$0
2009	EAST CAROLINA UNIVERSITY	NC	R21AI079183	THE ROLE OF IRON/HEME ACQUISITION MECHANISMS IN BACTEROIDES FRAGILIS.	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076785	PREVALENCE AND FITNESS OF DRUG RESISTANT MINORITY VARIANT MUTATIONS IN PLASMODIUM	\$0
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI043591	CONTROL OF CYTOTOXIC T CELL DIFFERENTIATION AND ACTIVITY	\$0
2009	ALTRAVAX INC	ND	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$0
2009	UNIVERSITY OF NORTH DAKOTA	ND	R03AI070193	HISTONE HYPERACETYLATION IN REPLICATING SV40 CHROMOSOMES	\$0
2009	NORTH DAKOTA STATE UNIVERSITY	ND	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	\$0
2009	DARTMOUTH COLLEGE	NH	R21AI075931	REGULATED VIRULENCE AND CYST MATURATION IN TOXOPLASMA GONDII	\$0
2009	UNIVERSITY OF NEW HAMPSHIRE	NH	R15AI082528	THE ROLES OF ADAPTIVE RADIATION AND PHENOTYPIC SWITCHING IN BIOFILM DIVERSITY	\$0
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R56AI037081	HUMAN B CELL DIFFERENTIATION IN A MODEL SYSTEM	\$0
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI045761	HLA-RELEASING METALLOPROTEINASE IN ALLOGRAFT REJECTION	\$0
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F31AI075859	HELMINTH MODULATION OF THE PROTECTIVE IMMUNE RESPONSE TO TUBERCULOSIS	-\$25,176
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R34AI079266	A PHASE II, RANDOMIZED, CLINICAL TRIAL TO EVALUATE THE SAFETY AND EFFICACY OF A N	\$0
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067686	MOLECULAR STUDIES OF IMMUNOPARASITOLOGY IN SNAILS	\$0

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2009	UNIVERSITY OF NEW MEXICO (THE)	NM	P01AI056295	PULMONARY RESPONSES TO BIOWEAPON CATEGORY A PATHOGENS	\$0
2009	NEW YORK MEDICAL COLLEGE	NY	R01AI065572	POPULATION GENOMICS OF STREPTOCOCCUS PYOGENES	\$0
2009	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R21AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063477	ETIOLOGY & PATHOGENESIS OF CHRONIC TONSILLAR HYPERTROPHY	\$0
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$0
2009	ORDWAY RESEARCH INSTITUTE INC	NY	P01AI060908	CHOOSING DRUG DOSES FOR BIODEFENSE PATHOGENS	\$0
2009	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	NY	R01AI033657	BACULOVIRUS ENVELOPE PROTEINS AND INSECT CELLS	\$0
2009	UNIVERSITY OF ROCHESTER	NY	R01AI063353	T CELL RESPONSES TO LIVER ANTIGENS	\$0
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI078466	PRESENTATION OF STRUCTURAL DETERMINANTS OF THE 2F5 NEUTRALIZATION EPITOPE	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$0
2009	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$0
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI071879	DEVELOPING HIV-1 NEF AS A NOVEL DRUG TARGET	\$0
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$0
2009	SUNY, STONY BROOK	NY	R01AI060866	GC1Q-R/P33: STRUCTURE FUNCTION AND ROLE ON INFLAMMATION.	\$0
2009	UNIVERSITY OF ROCHESTER	NY	R01AI023302	MONOCLONAL ANTIBODIES FOR THE STUDY OF P. CARINII	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$0
2009	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI030653	GENE EXPRESSION IN MYELOMA CELLS	\$0
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI073354	REGULATION OF HOST-ADAPTATION OF THE LYME DISEASE SPIROCHETE BORRELIA BURGDORFERI	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063530	MOSQUITO INJECTION OF PLASMODIUM SPOROZOITES INTO SKIN	\$0
2009	UNIVERSITY OF CINCINNATI	OH	R01AI064084	STEROL METABOLISM IN PNEUMOCYSTIS	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059406	SHIP-2 INFLUENCE ON MACROPHAGE FC RECEPTOR FUNCTION	\$0

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2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI076309	ISOLATION OF NOVEL ANTILEISHMANIAL MOLECULES FROM PENTALINON ANDRIEUXII ROOT	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI030010	EHRILCHIACIDAL MECHANISMS IN LEUKOCYTES	\$0
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI057571	ALPHAVIRUS MINUS STRAND RNA SYNTHESIS AND RNASE L	\$0
2009	UNIVERSITY OF CINCINNATI	OH	R01AI058159	HCMV US28 SIGNAL TRANSDUCTION BY BETAARRESTIN PROTEINS	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079674	DECISIONS TO TAKE PART IN RESEARCH: UNDERSERVED MINORITIES, HIV AND DRUG USE	\$92,203
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI023598	ROLE OF DAF IN THE COMPLEMENT CASCADE	\$0
2009	Research Institute at Nationwide's Children's Hospital	OH	R21AI073597	VISUALIZING INTERFERON-BETA INDUCTION IN VIVO	\$0
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI078238	SPECIFICITY OF STREPTOCOCCUS MUTANS SUGAR TRANSPORTERS	\$0
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI063274	COMPREHENSIVE CANDIDATE PATHWAY ANALYSIS IN SLE	\$0
2009	NAJIT TECHNOLOGIES INC	OR	R43AI079898	DEVELOPMENT OF A YELLOW FEVER VACCINE FOR VULNERABLE POPULATIONS	\$0
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI045086	CYTOADHERENCE IN MATERNAL MALARIA	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R56AI080852	ADAPTER MOLECULES ON C3A RECEPTOR SIGNALING IN MAST CELLS	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI079288	IDENTIFICATION OF FACTORS THAT CONTROL MYCOBACTERIUM TUBERCULOSIS BIOFILM GROWTH	\$0
2009	THOMAS JEFFERSON UNIVERSITY, JEFFERSON MEDICAL COLLEGE	PA	R01AI065750	B1B LYMPHOCYTES GENERATE T CELL-INDEPENDENT MEMORY	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$16,955
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI060422	CHEMOKINE MODULATION DURING SIV INFECTION & AIDS	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI066333	SMALLPOX VACCINE AND VACCINIA COMPLEMENT CONTROL PROTEIN	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI033063	HERPES SIMPLEX VIRUS FC RECEPTOR	\$0
2009	THOMAS JEFFERSON UNIVERSITY	PA	R21AI072723	DNA MISMATCH REPAIR AND MALARIA DRUG RESISTANCE	\$0
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI046806	REGULATION OF PERSISTENT AB RESPONSES BY FC RECEPTORS	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI065325	PATHOGENESIS OF NEW SIVSM LINEAGES IN RHESUS MACAQUES	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI063589	MOLECULAR PROFILING AND IMMUNOMODULATORY INTERVENTIONS	\$0

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2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI078387	SIGNAL INITIATION FROM THE T-CELL ANTIGEN RECEPTOR BY MECHANICAL FORCE	\$0
2009	INTEGRAL MOLECULAR INC	PA	R43AI079856	IDENTIFICATION OF NOVEL INFLUENZA INHIBITORS	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$0
2009	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	-\$173,494
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI066734	APTAMER MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049301	HOW DO YOU BUILD A PARASITE?	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$0
2009	BROWN UNIVERSITY	RI	R03AI078156	ANALYZING THE EFFECTIVENESS OF A NON-VERBAL RESPONSE CARD: EVIDENCE FROM ETHIOPIA	\$0
2009	RHODE ISLAND HOSPITAL	RI	R21AI079582	NEUTROPHIL MECHANOSENSING	\$0
2009	CLEMSON UNIVERSITY	SC	R15AI081207	CONTROLLING FATTY ACID SYNTHESIS IN AFRICAN TRYPAOSOMES	\$0
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI078493	NEW METHODS FOR THE EARLY DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS	\$0
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI079800	ALTERED SOMATIC MUTATION IN IGAD/CVID; ASSOCIATION WITH DEFICIENCY OF MSH4/5	\$0
2009	VANDERBILT UNIVERSITY	TN	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$0
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	P01AI057986	TULAREMIA: PATHOGENESIS AND HOST RESPONSE	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI072201	INFLAMMATORY RESPONSE AND SARS PATHOGENESIS: AN IN VITRO MODEL	\$0
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI057768	IDENTIFICATION OF T CELL ANTIGEN FOR Q FEVER VACCINATION	\$0
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI043486	SIGMA 54 AND VIBRIO CHOLERAEE PATHOGENESIS	\$0
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI065796	STUDIES OF GERMINAL CENTER B CELL SURVIVAL	\$0
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI063256	NRG1 REGULATED GENES IN CANDIDA ALBICANS PATHOGENICITY	\$0
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI076747	EXPLORING THE MECHANISMS OF 53BP1-DRIVEN IMMUNE DEFICIENCY AND DNA REPAIR	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI079674	DECISIONS TO TAKE PART IN RESEARCH: UNDERSERVED MINORITIES, HIV AND DRUG USE	-\$92,203

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2009	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI072446	IDENTIFICATION AND ANALYSIS OF HOST FACTORS THAT SUPPORT BRUCELLA INFECTION	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPITOPE PREDICTION	\$0
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI065697	TB VACCINE DEVELOPMENT IN NONHUMAN PRIMATE MODEL	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$0
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI064562	HOST IMMUNITY AND VIRULENCE IN CANDIDA ALBICANS PATHOGENESIS	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI073389	EPIDEMIC CHIKUNGUNYA VIRUS: MOSQUITO INFECTION DETERMINANTS	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$0
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI048496	IMPROVED BRUCELLA VACCINE STRAINS	\$0
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI044406	A GENOME SCAN FOR SUSCEPTIBILITY TO HELMINTHIC INFECTION	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069270	EHRlichia GLYCOPROTEIN MODULATION OF MACROPHAGE GENE EXPRESSION	\$0
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI015495	DIETARY DEFICIENCIES AND TUBERCULOSIS VACCINE EFFICACY	\$0
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI068774	FRANCISCELLA TULARENSIS: CHARACTERIZING LUNG INNATE IMMUNITY	\$0
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057504	REGULATORY MECHANISMS OF HBV X GENE TRANSCRIPTION	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$0
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI080022	HOST CELL PROTEINS THAT INTERACT WITH CRYPTOSPORIDIUM	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI077679	TRANSLATIONAL REGULATION IN BRONCHIAL EPITHELIAL CELLS	\$0
2009	UNIVERSITY OF UTAH	UT	U01AI057565	HYPERPHENYLALANINEMIA IN CEREBRAL MALARIA	\$0
2009	ECHELON BIOSCIENCES INC	UT	R43AI077220	METHYLERYTHRITOL PHOSPHATE PATHWAY INHIBITORS TARGETING GRAM-NEGATIVE INFECTIONS	\$0
2009	GEORGE WASHINGTON UNIVERSITY	VA	U01AI065871	PATHOGENESIS OF LIVER FLUKE INDUCED CANCER IN THAILAND	\$0
2009	UNIVERSITY OF VIRGINIA	VA	F32AI072818	THE ROLE OF LYMPHOID ENVIRONMENTS IN GUIDING T CELL MIGRATION	-\$18,397

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI064414	THE NOVEL ROLE AND REGULATION OF IRAK IN INNATE IMMUNITY	\$0
2009	UNIVERSITY OF VIRGINIA	VA	R01AI057591	ALTERATION OF INNATE IMMUNITY BY HCV CORE	\$0
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	UH2AI083263	THE VAGINAL MICROBIOME: DISEASE, GENETICS AND THE ENVIRONMENT	\$0
2009	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$0
2009	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI044373	HUMAN T CELL ANTIGENS OF MYCOBACTERIUM TUBERCULOSIS	\$0
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI058723	RESERVOIRS OF DRUG-RESISTANT HIV-1	\$0
2009	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI063509	PSEUDOMONAS AERUGINOSA OUTER MEMBRANE PROTEIN MODELING	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI074457	ISOLATION OF HIV NABS FROM A NONIMMUNE YEAST-DISPLAY LIBRARY OF SCFV ANTIBODIES	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI038383	ACQUISITION AND NATURAL HISTORY OF GENITAL HPV INFECTION	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI065935	T. BRUCEI MITOCHONDRIAL PROTEOME	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI045659	ALLOIMMUNITY IN AUTOIMMUNE DISEASE	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI072728	UREAPLASMAS IN ACUTE AND PERSISTENT URETHRITIS: CLINICAL IMPLICATIONS	\$0
2009	ALPHA UNIVERSE LLC	WI	R43AI071676	NOVEL APPROACH FOR FAST AND ECONOMIC MANUFACTURING OF HUMAN ANTIBODIES	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074995	PLASMODIUM FALCIPARUM INFECTION OF THE HUMANIZED NOD/SCID/IL2R(GAMMA)(NULL) MOUSE	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI076734	PRIMATE ENDOMETRIAL RESPONSES TO PLACENTAL MHC CLASS I MOLECULES	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01HL069116	SEVERE ASTHMA FROM RESPIRATORY INFECTIONS	\$0
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI076731	ANTIGEN SPECIFIC THERAPY FOR BULLOUS PEMPHIGOID	\$0
2008	SYMPHOGEN A/S		U01AI070378	FULLY HUMAN RECOMBINANT THERAPEUTIC ANTI-VACCINIA VIRUS POLYCLONAL ANTIBODY	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$0
2008	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI065712	INFLUENZA A IN THE AGED: A NOVEL VACCINATION STRATEGY	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	RC1AI080223	A(1-7)-MEDIATED MITIGATION OF RADIATION INDUCED THROMBOCYTOPENIA	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	RC1AI080976	NORLEU3-A(1-7): ENHANCED RECOVERY OF RADIATION BURNS	\$0
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R56AI041404	STRUCTURE AND FUNCTION OF RIBONUCLEOPROTEIN COMPLEXES MODULATING HIV REPLICATION	\$0
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$0
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI031105	MOUSE MEMBRANE RCA PROTEINS IN THE IMMUNE RESPONSE	\$0
2008	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$0
2008	ILLINOIS STATE UNIVERSITY	IL	R15AI079635	ANALYSIS OF VRASR AND VRASR REGULATED GENE EXPRESSION IN STAPHYLOCOCCUS AUREUS	\$0
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	RC1AI080296	PARATHYROID HORMONE IN PREVENTION AND MITIGATION OF THROMBOCYTOPENIA	\$0
2008	UNIVERSITY OF CHICAGO	IL	U01AI070559	LCRV PLAGUE VACCINE WITH ALTERED IMMUNE MODULATORY PROPERTIES	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	RC1AI081281	MITIGATING RADIODERMATITIS BY BLOCKING IL-1-DEPENDENT NEUTROPHILIC INFLAMMATION	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI073591	EMPIRICAL SPACE-TIME EVALUATION OF PRIORITY GROUPS FOR INFLUENZA CONTROL	\$0
2008	PARION SCIENCES	NC	RC1AI081297	NOVEL THERAPIES FOR ENHANCING CLEARANCE OF INHALED RADIOACTIVE PARTICLES	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071486	RECA PROTEIN AS THERAPEUTIC TARGET USING PEPTIDES & PNAS	-\$9,573
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	\$0
2008	ALBANY COLLEGE OF PHARMACY	NY	R15AI072744	THE ROLE OF THE SPLEEN IN THE FEBRILE REPOSE	\$0
2008	INNOVATIVE BIOTECHNOLOGIES INTERNATIONAL	NY	R43AI077025	SIMPLE AND RAPID ON-SITE MOLECULAR DETECTION OF MYCOBACTERIUM TUBERCULOSIS	-\$99,975
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI073237	IDENTIFICATION OF TRIM5ALPHA COFACTORS	\$0
2008	UNIVERSITY OF ROCHESTER	NY	RC1AI081244	COMBINED TARGET THERAPY FOR THE PULMONARY SYNDROME	\$0
2008	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI072906	GENETICALLY DEFINED ATTENUATED LIVING VACCINE FOR FRANCISELLA	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$0

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2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI070929	CREATION OF A CONDITIONAL IL-6 KNOCKOUT MOUSE	\$0
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretary Immunological Synapse	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI063589	MOLECULAR PROFILING AND IMMUNOMODULATORY INTERVENTIONS	\$0
2008	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	-\$143,472
2008	UNIVERSITY OF PITTSBURGH	PA	RC1AI081284	NOVEL CUTANEOUS RADIATION INJURY COUNTERMEASURES	\$0
2008	BROWN UNIVERSITY	RI	F31AI075607	IDENTIFICATION OF A CRYPTIC MEIOSIS IN THE FUNGAL PATHOGEN C. ALBICANS	\$0
2008	BROWN UNIVERSITY	RI	R56AI055677	TYPE 1 IFN FUNCTION AND SIGNALING IN IMMUNITY TO VIRUSES	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI073389	EPIDEMIC CHIKUNGUNYA VIRUS: MOSQUITO INFECTION DETERMINANTS	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069171	ROLE OF THE ENDOTHELIUM IN THE T CELL-MEDIATED ANTI-RICKETTSIAL IMMUNE RESPONSE	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI068774	FRANCISCELLA TULARENSIS: CHARACTERIZING LUNG INNATE IMMUNITY	\$0
2008	TEXAS TECH UNIVERSITY	TX	R15AI076909	ROLES OF PLASMEYLETHANOLAMINE BIOSYNTHESIS IN LEISHMANIA VIRULENCE	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI072201	INFLAMMATORY RESPONSE AND SARS PATHOGENESIS: AN IN VITRO MODEL	\$0
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI070538	A TRI-ANTIGEN NASAL ANTHRAX VACCINE AGAINST TOXINS AND VEGETATIVE BACILLI	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069270	EHRlichia GLYCOPROTEIN MODULATION OF MACROPHAGE GENE EXPRESSION	\$0
2008	UNIVERSITY OF RICHMOND	VA	K22AI070644	NUTRITIONAL AND ENDOCRINE CONTROL OF MOSQUITO EGG DEVELOPMENT.	\$0
2008	GEORGE WASHINGTON UNIVERSITY	VA	U01AI065871	PATHOGENESIS OF LIVER FLUKE INDUCED CANCER IN THAILAND	\$0
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI080315	IMPROVING PLATELET RECOVERY AFTER RADIATION	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI081298	MITIGATION OF RADIATION-INDUCED LUNG INJURY IN THE DOG MODEL	\$0
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	RC1AI081294	DEVELOPMENT OF ACE INHIBITOR AS COUNTERMEASURE FOR RADIATION-INDUCED LUNG INJURY	\$0

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2007	UNIVERSITY OF CALGARY		R21AI073630	THE BIOLOGICAL RELEVANCE OF ADENOSINE DEAMINATION IN IMMUNE ACTIVATION	\$0
2007	UNIVERSITY OF NORTH FLORIDA	FL	R15AI060654	BIOLOGY-PATHOLOGY OF ARBOVIRUS PERSISTENCE IN A MOSQUITO HOST	\$0
2007	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$0
2007	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI072720	PILE MRNA ANALYSIS IN GONOCOCCI	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	U01AI066726	DUET CERVICAL BARRIER DEVICE FOR MAXIMIZING PROTECTIVE EFFICACY OF MICROBICIDES	\$0
2007	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI072719	Elucidating the Mechanism of Heme Transport across the Outer Membrane of Gram-neg	\$0
2007	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	-\$137,667
2007	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI062415	INHIBITORS OF LATENT M. TUBERCULOSIS	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI029193	HIV RESISTANCE AND TREATMENT STRATEGIES	\$0
2007	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI078517	IMPROVING GASTROINTESTINAL RECOVERY AFTER RADIATION	\$0
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI056675	ROLE OF SIGMA FACOTRS IN HETEROLOGOUS GENE EXPRESSION	\$0
2006	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI058490	MECHANISMS OF GENE REGULATION IN CHLAMYDIA	-\$29,778
2006	YALE UNIVERSITY	CT	F32AI063911	SNARES MEDIATE ER-VESICLE FUSION ON LEGIONELLA VACUOLES	-\$33,422
2006	BOSTON UNIVERSITY	MA	UC6AI058618	NATIONAL CENTER/EMERGING INFECTIOUS DISEASES & BIODEFENSE	\$0
2006	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI056660	MINORITY PREDOCTORAL FELLOWSHIP	-\$52,840
2006	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI054325	VIRULENCE REGULATION IN BRUCELLA BY LUXR QUORUM SENSOR	-\$399
	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059223	SHIGELLA DYSENTERIAE VACCINE CONSTRUCTION	\$0
	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI096900	Regulation of Acute Graft-versus-Host Disease by Coronins	\$0
	UNIVERSITY OF ROCHESTER	NY	F32AI089079	DEFINING MODES OF HELPER T CELL MOTILITY WITHIN INFLAMED TISSUES	\$0
	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI096738	TRANSCRIPTIONAL REGULATION AND EXPRESSION OF HUMAN APOBEC3G	\$0
Issue Date FY: 2010 (Subtotal = \$2,635,695,043)					
2010	UNIVERSITY OF ADELAIDE		R01AI068715	CHARACTERIZATION OF A NOVEL AB5 CYTOTOXIN	\$262,222

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2010	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$288,523
2010	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		U01AI069438	THE IMPACTA PERU CLINICAL TRIALS UNIT	\$2,101,053
2010	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$7,727,812
2010	QUEEN'S UNIVERSITY KINGSTON		R01AI048626	MODULATION OF CELL SIGNALING PATHWAYS BY ALPHAHERPESVIRUS TEGUMENT COMPONENTS	\$209,777
2010	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING & BIOTECH		R01AI076192	IMMUNE EVENTS, TRANSCRIPTOMICS AND BIOMARKERS IN HEPATITIS E PATHOGENESIS	\$78,667
2010	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$1,386,629
2010	MONASH UNIVERSITY		R01AI079330	TARGETING MDR HETERO-RESISTANT GRAM-NEGATIVES: PK/PD FOR RATIONAL COMBINATIONS	\$606,549
2010	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$1,405,928
2010	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$1
2010	INSTITUT DE GENETIQUE MOLECULAIRE DE MONTPELLIER		R01AI059349	ZAP-70 DEFICIENCY: A MODEL FOR GENE THERAPY STUDIES	\$194,238
2010	UNIVERSITY OF CAPE TOWN		R01AI083156	MECHANISMS OF IMMUNE REGULATION IN MYCOBACTERIUM TUBERCULOSIS INFECTION	\$106,173
2010	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$687,491
2010	UNIVERSITY OF CALGARY		R21AI089963	ALUM'S ADJUVANTICITY	\$135,000
2010	INSTITUTE OF BIOTECHNOLOGY		R01AI083084	DECIPHERING THE FUNCTION OF MCE PROTEINS FROM MYCOBACTERIUM TUBERCULOSIS	\$85,542
2010	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078899	CELLULAR AND MOLECULAR PATHWAYS OF TUBERCULOSIS PROGRESSION	\$106,920
2010	MURDOCH CHILDREN'S RESEARCH INSTITUTE		R01AI085198	THE SAFETY OF PNEUMOCOCCAL POLYSACCHARIDE VACCINE IN CHILDREN - A FOLLOWUP STUDY.	\$491,637
2010	FUNDACAO FACULDADE DE MEDICINIA		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$471,983
2010	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$266,586
2010	CSIRO MOLECULAR & HEALTH TECHNOLOGIES		R01AI062721	MECHANISMS OF INFLUENZA NA DRUG RESISTANCE	\$254,618
2010	HOSPITAL UNIV CLEMENTINO FRAGA FILHO		U01AI069414	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO CLINICAL TRIALS UNIT	\$50,569
2010	UNIVERSITY OF CAPE TOWN		R01AI075603	DIAGNOSTIC YIELD OF INDUCED SPUTUM FOR RAPID DIAGNOSIS OF PULMONARY TUBERCULOSIS	\$78,666
2010	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$1,448,541

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	INSTITUTE OF PRIMATE RESEARCH, NATL MUSEUMS OF KENYA		R01AI075682	THE EFFECT OF SCHISTOSOMIASIS ON SEVERE MALARIA IN A PRIMATE MODEL	\$80,190
2010	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		R01AI078933	BUILDING CAPACITY IN EVIDENCE-BASED HIV PREVENTION RESEARCH FOR MSM IN CHINA	\$78,570
2010	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI082734	DEVELOPMENT OF A FIELD APPLICABLE SCREENING TOOL (FAST) KIT FOR DETECTING RESISTA	\$335,706
2010	UNIVERSIDAD DE BUENOS AIRES		R01AI079007	SIGNALING PATHWAYS THAT REGULATE IFN-G PRODUCTION IN HUMAN TUBERCULOSIS.	\$72,973
2010	PUBLIC HEALTH FOUNDATION OF INDIA		R01AI084315	ASSESSMENT OF HIV INCIDENCE AND ITS DETERMINANTS IN A POPULATION-BASED LONGITUDIN	\$110,484
2010	EVA PERON ACUTE INTERZONAL GEN HOSPITAL		R01AI083188	DEVELOPMENT OF T CELL MEMORY IN HUMAN TRYPANOSOMA CRUZI INFECTION	\$100,934
2010	LEIDEN UNIVERSITY MEDICAL CENTER		R21AI090135	IDENTIFICATION OF THE GENE DEFECT UNDERLYING ICF2 SYNDROME	\$130,965
2010	UNIVERSITY OF OTAGO		R01AI085072	MOLECULAR MECHANISM OF CELL-CELL SPREAD OF LISTERIA IN POLARIZED EPITHELIAL CELLS	\$272,400
2010	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$678,809
2010	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$8,945,133
2010	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$1,059,759
2010	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U01AI069411	HIV/AIDS CLINICAL TRIAL UNIT IN NCAIDS, CHINA CDC	\$1,421,642
2010	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$420,898
2010	UNIVERSITY OF BRITISH COLUMBIA		U01AI074449	ADJUVANTS AND VIROSOMAL VACCINES FOR THE ELDERLY	\$265,232
2010	UNIVERSIDADE DE SAO PAULO		R01AI075416	POPULATION STRUCTURE AND TRANSMISSION DYNAMICS OF PLASMODIUM VIVAX	\$78,606
2010	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$80,190
2010	UNIVERSITY OF BRITISH COLUMBIA		R21AI080279	CHROMOSOME COPY NUMBER VARIATION AND AIDS-ASSOCIATED CRYPTOCOCCOSIS	\$148,240
2010	UNIVERSITY OF BRITISH COLUMBIA		R01AI076483	DEVELOPMENT OF A CHLAMYDIA T CELL VACCINE BASED ON DENDRITIC CELL IMMUNOPROTEMICS	\$220,256
2010	MOI UNIVERSITY COLLEGE OF HEALTH SCIENCES		R01AI084381	CAUSES OF EARLY MORTALITY IN HIV-INFECTED AFRICANS ON ANTIRETROVIRAL THERAPY	\$189,886

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2010	UNIVERSITY OF BAHIA		R01AI079238	IMMUNOLOGICAL RESPONSE, VIRAL FACTORS AND HELMINTH INFECTIONS IN DISEASE EXPRESSI	\$80,190
2010	LAVAL UNIVERSITY		R01AI089541	Point of care microfluidic diagnosis system for rapid and sensitive detection of	\$878,525
2010	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$515,552
2010	UNIVERSITAT OF HEIDELBERG		R34AI091427	PHASE II CLINICAL TRIAL OF STAGE SPECIFIC TREATMENT OF CYSTIC ECHINOCOCCOSIS (ECH	\$159,156
2010	MED RESEARCH COUNCIL LABORATORY OF MOLECULAR BIOLOGY		F32AI091311	STUDIES OF ANTIBODY DIVERSITY AND GENOME STABILITY: REGULATION OF ACTIVATION-INDU	\$6,750
2010	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$368,149
2010	RESEARCH INSTITUTE FOR HEALTH SCIENCES		U01AI069399	CHIANG MAI UNIVERSITY HIV/AIDS CLINICAL TRIALS UNIT	\$984,268
2010	STELLENBOSCH UNIVERSITY		U01AI069521	STELLENBOSCH UNIVERSITY CLINICAL TRIAL UNIT, CAPE TOWN, SOUTH AFRICA	\$1,835,675
2010	ETH ZURICH		U01AI074523	DEVELOPMENT OF ANTI-INFLUENZA AGENTS BY A SYSTEMS BIOLOGY APPROACH	\$331,110
2010	KUNMING MEDICAL COLLEGE		R01AI075429	POPULATION BIOLOGY OF MALARIA DRUG RESISTANCE IN YUNNAN	\$80,745
2010	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$1,137,983
2010	UNIVERSIDAD PERUANA CAYETANO		P50AI074285	INNOVATIVE APPROACHES TO DIAGNOSIS AND CONTROL OF CHAGAS DISEASE (PERU TMRC)	\$645,385
2010	INSTITUT PASTEUR DE TUNIS		P50AI074178	Key Determinants Of The Natural History Of Leishmania major Infection	\$494,538
2010	FEDERAL UNIVERSITY OF MINAS		R03AI066253	DOUBLE NEGATIVE, CD4-CD8- T CELLS IN HUMAN LEISHMANIASIS	\$53,460
2010	SIMON FRASER UNIVERSITY		R21AI080190	EXPLORING ANTIBODY RECOGNITION OF THE V3 REGION ON HIV-1 TO GUIDE VACCINE DESIGN	\$149,111
2010	UNIVERSITY OF MELBOURNE		R21AI081541	ROLE OF HIV-SPECIFIC ADCC ACTIVITY IN PROGRESSION OF HIV-1 IN HUMANS	\$148,500
2010	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI069387	MODELING LYMPHATIC FILARIASIS TRANSMISSION AND ERADICATION IN PAPUA NEW GUINEA	\$131,111
2010	UNIVERSITY OF CAPE TOWN		R33AI073182	BCG AS AN HIV VACCINE VECTOR	\$320,233
2010	KAROLINSKA INSTITUTE, RYLCAR INST OF MEDICINE & SURGERY		R56AI087542	TARGETING THE SOURCE OF PERSISTENT HIV VIREMIA	\$250,251

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI083162	NOVEL NUCLEOSOME COMPOSITION AND MODIFICATIONS IN PROTOZOAL PARASITE TOXOPLASMA G	\$113,942
2010	SOUTHERN MEDICAL UNIVERSITY		R01AI083202	IMPACTS OF URBANIZATION ON VECTOR BIOLOGY AND TRANSMISSION OF DENGUE IN CHINA	\$108,000
2010	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$238,422
2010	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$8,520,329
2010	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	\$7,068,878
2010	MALAWI COLLEGE OF MEDICINE		R01AI075587	PK-PD MODELS TO IDENTIFY RATIONAL ANTIMALARIAL COMBINATION THERAPY	\$76,719
2010	MCMASTER UNIVERSITY		U01AI076208	A RANDOMIZED TRIAL OF INFLUENZA VACCINATION OF HUTTERITE CHILDREN	\$514,931
2010	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		R01AI082597	Proteome-wide cellular immunity approach to P. falciparum antigen identification	\$603,889
2010	ST GEORGES HOSPITAL MEDICAL SCHOOL		R33AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$311,733
2010	DRUGS FOR NEGLECTED DISEASES INITIATIVE		R01AI090592	K777 for treatment of Chagas Disease: IND-enabling Studies and IND Submission	\$227,438
2010	FUNDACAO OSWALDO CRUZ		U01AI069476	THE FIOCRUZ THERAPEUTIC AND PREVENTION HIV/AIDS CLINICAL TRIALS UNIT (FIOTRIALS)	\$3,443,887
2010	NATIONAL INSTITUTE OF IMMUNOLOGY		R01AI075459	SIGNALING IN PLASMODIUM FALCIPARUM: ROLE OF PFPLC AND PFPKB	\$55,861
2010	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		U01AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$50,082
2010	THE GHESKIO CENTERS		U01AI069421	GHESKIO HIV CLINICAL TRIAL UNIT	\$2,084,335
2010	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$238,659
2010	SHANDONG PROVINCIAL CHEST HOSPITAL		R01AI075465	HUMAN GENETIC SUSCEPTIBILITY TO TUBERCULOSIS IN CHINESE HAN POPULATION	\$78,674
2010	UNIVERSITY OF RIJEKA		R01AI083201	VIRAL EVASION OF NK CELLS	\$84,278
2010	CAUCASECO SCIENTIFIC RESEARCH CENTER		U19AI089702	Latin American Center for Malaria Research and Control	\$1,539,191
2010	UNIVERSITY OF TORONTO		R01AI067683	CHARACTERIZATION OF ANTHRAX LETHAL TOXIN	\$254,616
2010	UKZN INNOVATION (PTY) LTD		U01AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$2,651,567
2010	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$136,242
2010	UNIVERSITY DEL NORTE		R01AI075523	RESPIRATORY SYNCYTIAL VIRUS TARGETS RAFTS FOR PENETRATION AND IMMUNOMODULATION	\$76,025

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2010	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$1,661,090
2010	Makerere University Faculty of Medicine		R01AI075637	CELL TO CELL SIGNALING IN MYCOBACTERIA	\$78,666
2010	FUDAN UNIVERSITY		R01AI075463	SOCIAL AND BIOMEDICAL RISK FACTORS FOR MULTI-DRUG RESISTANT TB IN RURAL CHINA	\$96,076
2010	THAI RED CROSS SOCIETY		U19AI053741	HIV RESEARCH PROGRAM IN THAILAND AND CAMBODIA	\$657,685
2010	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$80,190
2010	UNIVERSITY OF UPPSALA		U01AI065192	INNATE IMMUNITY IN CLINICAL ISLET TRANSPLANTATION: A CLINICAL STUDY (CIT0-01) IN	\$1,080,000
2010	CENTRAL INSTITUTE FOR TUBERCULOSIS		R01AI078864	IMMUNITY TO AND PATHOGENESES OF M. TUBERCULOSIS AND M. AVIUM INFECTIONS IN MICE	\$80,190
2010	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI075589	VIRULENCE FACTORS IN THE PATHOGENESIS OF CHAGAS DISEASE	\$80,190
2010	SMBD-JEWISH GENERAL HOSPITAL		R01AI077387	DEVELOPMENT OF THE GAG/LYSYL TRNA SYNTHETASE INTERACTION AS A TARGET FOR ANTI-HIV	\$616,301
2010	UNIVERSITY OF CAPE TOWN		R01AI083145	LIPID MEDIATED FORMATION OF HEMOZOIN	\$101,656
2010	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI078891	INTERACTION OF BRUCELLA ABORTUS WITH THE HOST IMMUNE SYSTEM: STUDY OF TWO NEW IMM	\$80,190
2010	INSTITUTO DE EFECTIVIDAD CLINICA Y SANITARIA		R01AI083229	PATIENT AND SYSTEM FACTORS ASSOCIATED WITH SUCCESSFUL TREATMENT OF TUBERCULOSIS	\$94,100
2010	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$77,741
2010	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$437,324
2010	HIV-NAT, THE THAI RED CROSS AIDS RCH CTR		R01AI075408	PREDICTORS OF IMMUNOLOGIC LONG-TERM NON-PROGRESSION IN CHILDREN WITH HIV	\$77,880
2010	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$701,577
2010	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$1,174,989
2010	UNIVERSIDAD PERUANA CAYETANO		R01AI075575	REGULATORY T CELLS IN AMERICAN TEGUMENTARY LEISHMANIASIS	\$80,190
2010	GHENT UNIVERSITY		R21AI083690	ROLE OF INTERLEUKIN-1 IN MEDIATING EPITHELIAL-DENDRITIC CELL CROSSTALK IN THE LUN	\$106,502
2010	UNIVERSITY OF CAPE TOWN		R01AI084387	THE ROLE OF CD4+ MEMORY SUBSETS AND IMMUNE ACTIVATION IN HIV DISEASE PROGRESSION	\$106,318

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2010	MAHIDOL UNIVERSITY		R01AI089410	MAS-PCR RAPID SCREENING TEST FOR MULTIDRUG-RESISTANT TUBERCULOSIS (MDR-TB)	\$125,582
2010	MCGILL UNIVERSITY		R01AI073889	HITCH: A STUDY OF HPV TRANSMISSION IN YOUNG COUPLES	\$113,740
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$358,875
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI047300	STRUCTURE STUDIES ON PROTEINS THAT MODULATE IL-10 ACTION	\$352,057
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$316,851
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$529,162
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI048115	THE ROLE OF IMMUNOGLOBULIN CDRH3 IN AUTOIMMUNE DISEASE	\$308,723
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$3,088,600
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI059428	CYTOMEGALOVIRUS AND CHRONIC RENAL ALLOGRAFT REJECTION	\$111,616
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F32AI078662	THE ROLE OF IL-10 SECRETING MZ B CELLS IN RESPONSE TO A BACTERIAL CHALLENGE	\$46,268
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$364,073
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI081624	RECENT ADVANCES IN AIDS AND HIV RESEARCH	\$20,000
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083632	COPPER TRANSPORT IN MYCOBACTERIUM TUBERCULOSIS	\$362,588
2010	UNIVERSITY OF SOUTH ALABAMA	AL	R56AI020384	GENETIC ANALYSIS OF RICKETTSIA PROWAZEKII	\$387,684
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064848	TANDEMLY REPETITIVE PROTEINS IN MYCOPLASMAS	\$308,723
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K02AI076123	HETEROGENEITY IN CYTOKINE RESPONSES TO HIV-1 INFECTION	\$100,764
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI083613	INDUCTION OF IMMUNITY IN HUMAN GENITAL TRACT: EFFECT OF INTRANASAL IMMUNIZATION	\$181,294
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$127,765
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI083484	TH17 CELL REGULATION OF INTESTINAL IGA PRODUCTION	\$0
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI088498	ROLE OF IMMUNOGLOBULIN CDR-H3 IN HETEROSUBTYPIC IMMUNITY TO INFLUENZA VIRUS	\$183,125

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2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI088439	THERAPEUTIC ANTITUMOR AND ANTIVIRAL POTENTIAL OF ALLOGENEIC GAMMA-DELTA T CELLS	\$219,750
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067467	FUNCTIONAL ROLE OF FC RECEPTOR HOMOLOGS ON B LINEAGE CELLS	\$316,851
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077457	HTS FOR INHIBITORS OF HIV-1 LATENCY ESTABLISHMENT	\$690,696
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$535,775
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044626	BIOPHYSICAL STUDIES OF HIV ASSEMBLY AND MATURATION	\$308,723
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI031473	IMPACT OF A NEW GROUP 6 SEROTYPE ON PNEUMOCOCCAL VACCINES	\$258,701
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069569	LIPOSOMAL RECOMBINANT VACCINE AND CARIES IMMUNITY	\$342,351
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$74,722
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$3,936,683
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087383	CLONING, CHARACTERIZATION AND IN VIVO TESTING OF MUCOSALLY TRANSMITTED SIV	\$200,802
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI087101	Structural basis for HIV-1 Gag interactions with cellular constituents	\$366,250
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F31AI085970	INTERLEUKIN-21 IMMUNE MEDIATED CONTROL OF HIV-1	\$30,220
2010	AUBURN UNIVERSITY	AL	R21AI090303	CHARACTERIZATION OF THE SODIUM CHANNEL MUTATIONS INVOLVED IN INSECTICIDE RESISTAN	\$146,000
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$326,329
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072647	REGULATION OF B LYMPHOCYTE SURVIVAL AND DIFFERENTIATION BY HSH2	\$316,851
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI063565	CMV SUBUNIT VACCINE IN YOUNG WOMEN AT RISK	\$46,222
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI069505	ROLE OF IMMUNOGENETIC DETERMINANTS ON HUMAN GENITAL CHLAMYDIAL INFECTION	\$127,764
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI081591	HIV-1 CAPSID PROTEIN/CYCLOPHILIN-A COMPLEX : A STRUCTURAL STUDY	\$194,347
2010	SOUTHERN RESEARCH INSTITUTE	AL	R21AI090467	DESIGN OF MULTI-TARGET D-ALA-D-ALA LIGASE LIGANDS	\$249,426
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI090499	PHYSICIANS' INTENTIONS TO ADMINISTER HPV VACCINE	\$73,250
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI090742	ROLE OF IG CDR-H3 IN RESPONSES TO HIV VACCINES	\$380,367
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087178	DEPLETION OF MYELOID-DERIVED SUPPRESSOR CELLS (MDSCS) IN HIV-1- INFECTION	\$183,125

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2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$381,270
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$633,278
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI076056	SURVIVAL FACTORS REGULATING THE HIV-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSE	\$139,611
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$999,509
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073521	MECHANISM OF CELL SURFACE ASSEMBLY CATALYZED BY SORTASES	\$361,350
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$521,752
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074438	DYSREGULATION OF IGA RESPONSES IN HIV-1-INFECTED INDIVIDUALS	\$470,152
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI080669	FUSION INHIBITORS OF INFLUENZA VIRUS	\$344,174
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI084772	HIV-1 CRYPTIC EPITOPES: IMPLICATIONS FOR VACCINE DESIGN	\$517,068
2010	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI088418	DEVELOPMENT AND TESTING OF NOVEL GLANDERS VACCINE CANDIDATES	\$210,089
2010	UNIVERSITY OF SOUTH ALABAMA	AL	R56AI085002	ELUCIDATING THE ROLE OF PHOSPHOLIPASE IN THE EPIDEMIC TYPHUS RICKETTSIA	\$334,031
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$322,988
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072577	MOLECULAR EPIDEMIOLOGY, VIRULENCE, AND GENOMIC CHARACTERIZATION OF UREAPLASMAS	\$427,332
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035783	POST-THYMIC T-CELL FUNCTIONAL HETEROGENEITY	\$308,723
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$341,319
2010	VAXIN PHARMACEUTICALS, INC	AL	R44AI068285	IN-OVO VACCINATION/AVIAN INFLUENZA/BIRD/HUMAN	\$342,163
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI090902	HLA Region and KIR Genomics in Common Variable Immune Deficiency	\$570,089
2010	SOUTHERN RESEARCH INSTITUTE	AL	R21AI090397	MECHANISM OF METHYLTHIOADENOSINE NUCLEOSIDASE-MEDIATED INHIBITION OF BIOFILM FORM	\$293,180
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P01AI088564	Novel SIVsmm strains for analysis of mucosal transmission and vaccine protection	\$2,256,286
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069452	ALABAMA-CLINICAL TRIALS UNIT	\$3,222,269
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$343,026
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$366,250
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$358,875

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2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI082966	IL- 21 AND IMMUNE MEDIATED VIRAL CONTROL	\$470,615
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI087360	VIREMIA COPY-YEARS: MEASURING THE EFFECT OF CUMULATIVE HIV BURDEN ON OUTCOMES	\$209,168
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$326,329
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$281,645
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$3,171,214
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050066	ASSEMBLY OF THE NEGATIVE STRANDED RNA VIRUS CORE	\$309,349
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$655,783
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076562	THE ROLE OF CD5 IN B-CELL DEVELOPMENT AND AUTOIMMUNITY	\$358,875
2010	SOUTHERN RESEARCH INSTITUTE	AL	R01AI068517	STRUCTURE OF M. TUBERCULOSIS ADENOSINE KINASE AND DESIGN OF ANTIMICROBIAL NUCLE	\$352,792
2010	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$749,848
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI074935	REGULATION OF BIOFILM FORMATION IN CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS	\$314,573
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$351,557
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI085438	ANTIOXIDANT RESCUE OF ABSCOPAL MARROW SUPPRESSION BY ABDOMINAL RADIATION	\$217,500
2010	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$312,481
2010	UNIVERSITY OF ARKANSAS	AR	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	\$313,183
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087669	Role of the Coxiella burnetii Cryptic Plasmid in Host Cell Parasitism	\$359,800
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI067857	REGULATION OF STAPHYLOCOCCUS AUREUS BIOFILM BY RBF	\$352,057
2010	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI077932	IMMUNOREGULATORY NETWORKS IN CHLAMYDIA GENITAL TRACT INFECTION	\$132,300
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI081753	FUNCTIONAL CHARACTERIZATION OF COXIELLA BURNETII DOT/ICM SUBSTRATES	\$108,000
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI069087	DETECTION, DIAGNOSIS AND TREATMENT OF MUSCULOSKELETAL INFECTION	\$344,481
2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI037027	CAPSULE REGULATORY NETWORK IN S. AUREUS PATHOGENESIS	\$287,100

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2010	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI087678	RpoS-mediated virulence regulation in Borrelia burgdorferi	\$357,100
2010	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$381,250
2010	UNIVERSITY OF ARIZONA	AZ	R01AI079030	ROLE OF NEISSERIA GCP IN TFP DYNAMICS AND INVASION	\$382,471
2010	UNIVERSITY OF ARIZONA	AZ	R21AI088392	IMPACT OF TLR2/ENVIRONMENT INTERACTIONS ON ASTHMA SUSCEPTIBILITY: MOUSE MODELS	\$231,540
2010	BLOOD SYSTEMS INC	AZ	R01AI074986	MODELING VIRAL ENTRY AND ITS INHIBITION USING SARS-COV	\$430,078
2010	UNIVERSITY OF ARIZONA	AZ	R01AI046541	REGULATION OF ENERGY METABOLISM IN INSECTS	\$320,393
2010	UNIVERSITY OF ARIZONA	AZ	R01AI067903	TRANSFORMING GROWTH FACTOR BETA IN T-CELL HOMEOSTASIS AND TOLERANCE	\$372,731
2010	UNIVERSITY OF ARIZONA	AZ	R01AI073745	INSULIN, IGF AND INSULIN SIGNALING: EFFECTS ON ANOPHELES LIFESPAN AND IMMUNITY	\$506,849
2010	ARIZONA STATE UNIVERSITY	AZ	R13AI091299	XVII INTERNATIONAL POXVIRUS, ASFIVIRUS AND INDORVIURS SYMPOSIUM	\$15,000
2010	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI082815	SCREENING TEST FOR HPV+ HEAD AND NECK CANCER	\$300,000
2010	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$368,252
2010	ARIZONA STATE UNIVERSITY	AZ	R01AI060557	Salmonella Vaccines Against Bacterial Enteropathogens	\$492,115
2010	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	R01AI090782	Molecular Antibiotic Resistance Arrays for clinical microbiology laboratories	\$875,000
2010	UNIVERSITY OF ARIZONA	AZ	R56AI084691	MOLECULAR ARCHEOLOGY OF HIV	\$370,803
2010	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI078577	MIRNA HD ARRAY PLATFORM	\$258,398
2010	ST JOSEPH'S HOSPITAL, BARROW NEUROLOGICAL INSTITUTE	AZ	R01AI083294	NK cells in CNS inflammation and autoimmunity	\$427,142
2010	ARIZONA STATE UNIVERSITY	AZ	R21AI090416	A NOVEL SALMONELLA VACCINE TO PROTECT AGAINST EXTRA INTESTINAL PATHOGENIC E. COLI	\$228,750
2010	UNIVERSITY OF ARIZONA	AZ	R01AI042268	IMMUNOLOGIC, GENETIC AND EXPOSURE-RELATED PATHWAYS TO CHILDHOOD ASTHMA	\$720,691
2010	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI075568	BURKHOLDERIA: INTERNATIONAL COLLABORATIVE DEVELOPMENT OF NOVEL DIAGNOSTICS	\$927,361
2010	UNIVERSITY OF ARIZONA	AZ	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	\$367,839
2010	UNIVERSITY OF ARIZONA	AZ	R01AI081972	CD46 AS A SIGNALING INTERMEDIATE IN N. GONORRHOEAE INFECTION	\$378,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	MAYO CLINIC COLLEGE OF MEDICINE, MAYO CLINIC ARIZONA	AZ	R56AI089846	ROLE OF MACROPHAGE REGULATORY CELLS (MAC-REGS) IN IMMUNE REGULATION	\$410,000
2010	UNIVERSITY OF ARIZONA	AZ	R56AI080756	UBIQUITIN-DEPENDENT REGULATION OF IMMUNE ACTIVATION	\$335,106
2010	ARIZONA STATE UNIVERSITY	AZ	F31AI075538	ROLE OF CORONAVIRUS MEMBRANE PROTEIN CARBOXY TAIL VIRUS ASSEMBLY	\$18,226
2010	UNIVERSITY OF ARIZONA	AZ	R01AI031951	REGULATION OF DIGESTION IN BLOOD-SUCKING INSECTS	\$320,393
2010	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$377,438
2010	VALLEY FEVER THERAPIES	AZ	R42AI074157	EXPERIMENTAL PHARMACOLOGY AND CHEMICAL STUDIES OF NIKKOMYCIN Z	\$350,119
2010	UNIVERSITY OF ARIZONA	AZ	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$374,963
2010	UNIVERSITY OF ARIZONA	AZ	R56AI083403	ALTERNARIA PROTEASES AND PROTEASE DEFENSES IN ASTHMA	\$378,750
2010	ARIZONA STATE UNIVERSITY	AZ	U01AI075549	PLANT-DERIVED MAB THERAPEUTICS FOR WEST NILE VIRUS	\$378,203
2010	UNIVERSITY OF ARIZONA	AZ	R01AI083927	DRUG TRANSPORT AT THE BLOOD-TESTIS BARRIER	\$378,646
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067752	INNATE IMMUNITY AND THE IKKI COMPLEX IN RHEUMATOID ARTHRITIS (RA) SYNOVIUM	\$337,610
2010	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI065937	B CELL REGULATION OF DIABETOGENIC ACTIVITY	\$441,892
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI051354	REGULATION OF HUMORAL IMMUNITY TO INFLUENZA VIRUS	\$414,126
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$289,749
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$467,775
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI036964	EPITHELIAL T CELL SECRETION OF TISSUE SPECIFIC CYTOKINES	\$422,111
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$379,913
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047745	BIOMATHEMATICAL ANALYSIS OF VIRAL DYNAMICS AND EVOLUTION	\$432,966
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI043274	INTESTINAL CYTOKINE AND T CELL HOMEOSTASIS IN SIV INFECTION	\$674,089
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI067952	AAV AND THE DNA DAMAGE MACHINERY	\$402,720
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$365,380
2010	STANFORD UNIVERSITY	CA	R01AI037683	DONOR CELL FACILITATION OF TOLERANCE	\$403,570
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI026815	MOUSE MODEL OF LYME BORRELIOSIS	\$590,849
2010	MOLECULAR EXPRESS, INC	CA	R43AI078654	SURROGATE ENDPOINTS FOR CORRELATING PROTECTIVE IMMUNITY IN RESPONSE TO INFLUENZA	\$299,994

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2010	STANFORD UNIVERSITY	CA	U01AI069556	STANFORD AIDS CLINICAL TRIALS UNIT	\$856,218
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$382,388
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$372,468
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067981	MECHANISMS OF DINITROANILINE ACTION, SELECTIVITY AND RESISTANCE	\$320,392
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$447,467
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$368,504
2010	STANFORD UNIVERSITY	CA	R01AI041014	DEVELOPMENTAL BIOLOGY OF TOXOPLASMA	\$342,373
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064709	PREVENTING HUMAN PRION DISEASES - INACTIVATION OF PRIONS	\$726,258
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068472	HIV VACCINATION VIA INHIBITION OF CYTOKINE SIGNALING INHIBITORS	\$345,855
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$410,083
2010	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	U01AI069496	SAN FRANCISCO VACCINE AND PREVENTION UNIT	\$479,197
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$364,245
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045860	INTERLEUKIN 15 RECEPTOR AND LYMPHOID HOMEOSTASIS	\$327,820
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$511,442
2010	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$452,244
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$392,887
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI056388	AUTOIMMUNITY CENTER OF EXCELLENCE	\$540,166
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI031338	DEVELOPMENT AND TESTING OF NEW TUBERCULOSIS VACCINES	\$721,686
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI051667	SECRETION OF VIRULENCE FACTORS BY MYCOBACTERIUM TUBERCULOSIS	\$488,968
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI031650	REGULATION OF MHC DEPENDENCE OF GAMMA DELTA T CELLS	\$346,572
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$368,146
2010	STANFORD UNIVERSITY	CA	R01AI067712	SURFACE PROTEIN DYNAMICS IN LIVE BACTERIAL PATHOGENS	\$238,469
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI090213	DISCOVERY OF ANTITUBERCULAR PPTT INHIBITORS	\$185,769
2010	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$484,429
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI025144	TRANSPORT OF IMMUNOGLOBULINS ACROSS EPITHELIAL CELLS	\$474,431

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2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$446,760
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$123,390
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$460,102
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$187,036
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI072052	MECHANISMS OF ALS VACCINE PROTECTION AGAINST S. AUREUS	\$361,430
2010	SCRIPPS RESEARCH INSTITUTE	CA	U24AI082657	DISCOVERY AND ANALYSIS OF SYNTHETIC TLR AGONISTS AND ANTAGONISTS	\$658,004
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$402,720
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082100	BROAD SPECTRUM THERAPEUTICS THAT TARGET THE VIRAL MEMBRANE	\$750,371
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$762,391
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080715	BACTERIAL QUORUM SENSING AS TARGET FOR ANTI-INFECTIVE IMMUNOTHERAPY	\$470,003
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI082629	YEAST-BASED HTS ASSAY TECHNOLOGIES FOR PROTEASES	\$472,725
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI081229	ALLELES THAT REPORT ON QUANTITATIVE DIFFERENCES IN PRIOR GENE EXPRESSION	\$185,269
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081668	HIV-1 VPU AND BST-2/CD317	\$350,460
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$658,004
2010	NESHER TECHNOLOGIES INC	CA	R43AI078635	RAPID, HIGHLY MULTIPLEXED AND SENSITIVE BLOOD TEST FOR DRUG-RESISTANT BACTERIA	\$298,111
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI080749	MACROPHAGE TRANSCRIPTIONAL RESPONSES TO LEGIONELLA PNEUMOPHILA	\$335,376
2010	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	\$310,424
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI087528	A natural host model for microsporidia pathogenesis in the intestine	\$386,250
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI082190	SMALL MOLECULE THERAPEUTICS FOR BOTULLINUM NEUROTOXIN A	\$1,191,800
2010	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$378,180
2010	IGE THERAPEUTICS INC	CA	R43AI084348	TARGETING GALECTIN-3 WITH NOVEL DRUGS FOR TREATMENT OF ECZEMA	\$402,036
2010	STANFORD UNIVERSITY	CA	R01AI083628	DEAF1 ISOFORMS CONTROL CHANGES IN PTA EXPRESSION IN THE NOD PLN DURING T1D PATHOG	\$415,252

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2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI073488	HUMAN GENETIC SUSCEPTIBILITY TO TROPICAL INFECTIOUS DISEASES	\$126,630
2010	NEXBIO INC	CA	R43AI085893	PROOF-OF-PRINCIPLE STUDIES OF DAS181 FOR PARAINFLUENZA VIRUS INFECTION	\$299,998
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI078848	FUNGAL CALCIUM CHANNELS AS THERAPEUTIC TARGETS FOR AIDS-ASSOCIATED OPPORTUNISTIC	\$374,373
2010	AVIDBIOTICS CORPORATION	CA	R44AI066449	NON-CLINICAL DEVELOPMENT OF BACTERICIDAL PROTEINS TARGETING PLAGUE	\$470,775
2010	IBIS BIOSCIENCES INC	CA	R21AI085388	HIGH PERFORMANCE MASS SPECTROMETRY FOR DIAGNOSIS OF FUNGAL PATHOGENS	\$264,530
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077661	INTESTINAL PHYSIOLOGY IN THE HOST RESPONSE TO ENTERIC SALMONELLA INFECTIONS	\$507,903
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI088445	HUMAN LYMPHOID TISSUE INDUCERS	\$66,150
2010	PRIMITY INC	CA	R43AI091284	CELL-BASED SCREENING FOR MULTI-FUNCTIONAL CHEMOKINE RECEPTOR MODULATORS	\$207,048
2010	STANFORD UNIVERSITY	CA	K01AI084582	IMPROVING THE PUBLIC HEALTH IMPACT OF HIV TESTING IN HIGHLY ENDEMIC REGIONS	\$130,495
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091100	MECHANISM OF INNATE IMMUNE RECOGNITION OF CYCLIC-DI-GMP	\$47,606
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI083821	GAMMAHERPESVIRUS PATHOGENESIS: ROLE OF HEPARAN SULFATE IN VIVO	\$222,054
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI082263	AN ENGINEERED MENINGOCOCCAL OMV VACCINE FOR AFRICA AGAINST ALL CAPSULAR GROUPS	\$481,500
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085374	FUNCTIONAL GENOMIC TOOLS FOR IN VIVO STUDY OF P. VIVAX	\$237,375
2010	LA JOLLA INFECTIOUS DISEASE INSTITUTE	CA	R03AI088283	ROLE OF PLATELET CD40 IN EXPERIMENTAL CEREBRAL MALARIA COAGULOPATHY	\$97,500
2010	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI076899	Rapid detection of diagnostic chemokines	\$355,551
2010	EIGER GROUP INTERNATIONAL INC	CA	R41AI088793	ADVANCING CLEMIZOLE FOR HEPATITIS C: TOWARDS A PRE-IND PACKAGE	\$300,000
2010	IGE THERAPEUTICS INC	CA	R43AI082770	BI-FUNCTIONAL THERAPEUTICS FOR ALLERGY-BFTA	\$300,000
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI087307	HIV PATHOGENESIS AND IMMUNITY IN VIREMIC NON-PROGRESSORS	\$229,827
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI091412	DEVELOPMENT OF NOVEL TOPOISOMERASE AND REPLICATION INITIATOR ASSAYS	\$376,809
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI089624	Induction and maintenance of regulatory T cells	\$2,059,486

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2010	STANFORD UNIVERSITY	CA	F32AI088827	IDENTIFICATION & INVESTIGATION OF TOXOPLASMA GONDII BRADYZOITE-SECRETED EFFECTORS	\$0
2010	VENTRIA BIOSCIENCE	CA	R44AI081339	PRODUCTION OF OSPAN IN RICE FOR THE CONTROL OF LYME DISEASE	\$455,157
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R33AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$384,439
2010	GEMMUS PHARMA INC	CA	R43AI085820	GP1002 AS A HIGHLY PATHOGENIC INFLUENZA A THERAPEUTIC	\$231,231
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$79,982
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI032178	PLASMID-MEDIATED VIRULENCE IN SALMONELLA	\$386,250
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R56AI078419	THE INFLUENCE OF NEGATIVE REGULATORS OF INFLAMMATION ON C. TRACHOMATIS INFECTIONS	\$641,677
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R56AI072554	DISSECTING PKC-THETA-REGULATED T CELL FUNCTIONS IN ALLOGRAFT REJECTION	\$415,000
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI071803	POTENT NEW NUCLEOSIDE ANALOGS FOR DRUG RESISTANT HIV	\$336,518
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070292	SITE-SPECIFIC ALLOSTERIC INHIBITORS FOR INFLAMMATORY CASPASES	\$375,123
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI072391	INTEGRATIVE EXPERIMENTAL AND THEORETICAL STUDIES OF THE MECHANICS OF PHAGOCYTOSIS	\$330,374
2010	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI020720	MECHANISMS OF CHRONIC HEPATITIS B INFECTION AND THERAPEUTIC VACCINES	\$784,979
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$329,644
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077177	GLOBAL ANALYSIS OF PROTEOLYSIS IN THE INNATE IMMUNE RESPONSE	\$50,474
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI069296	INDIRECT RECOGNITION OF MICROBES BY NKT CELLS	\$414,747
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077607	UNDERSTANDING AND MANIPULATING THE T CELL CONTRACTION PHASE	\$469,013
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072996	QUANTITATIVE ANALYSIS OF CELLULAR SIGNALING IN VIRAL LATENCY	\$22,385
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$321,581
2010	STANFORD UNIVERSITY	CA	R01AI047365	STRUCTURE AND FUNCTION OF THE HEPATITIS C VIRUS GENOME	\$446,478
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI067548	STRUCTURE AND FUNCTION OF THE PROKARYOTIC CYTOSKELETON BY ELECTRON CRYOTOMOGRAPHY	\$276,332

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2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$1,319,536
2010	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$383,625
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069401	UCLA LOS ANGELES BRAZIL AIDS CONSORTIUM	\$2,638,278
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069436	UZ-UCSF CLINICAL TRIALS UNIT	\$11,913,166
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069424	UCLA AIDS PREVENTION AND TREATMENT CLINICAL TRIALS UNIT	\$2,462,528
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI021786	REGULATION OF THE DEVELOPMENT OF TRYPANOSOMA BRUCEI	\$386,250
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI045927	ARENAVIRUS RECEPTOR-STRUCTURE/FUNCTION STUDIES	\$402,083
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$144,347
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$345,663
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$807,359
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$453,399
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	TESTING IN VIVO OF HIV-IMMUNOPATHOGENIC HYPOTHESES USING NEW KINETIC TECHNIQUES	\$437,985
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI074043	IN VIVO ADA GENE DELIVERY FOR THE TREATMENT OF SCID	\$474,430
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI041090	INTERACTION OF CLQ ON PHAGOCYtic CELLS	\$323,576
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$446,760
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041649	Determinants of germinal center B cell differentiation	\$477,500
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$973,852
2010	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$306,896
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI021515	HERPES SIMPLEX VIRUS GENE REGULATION	\$370,267
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$281,762
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052430	THE ROLE OF CRYOPYRIN IN AUTOINFLAMMATORY DISEASES	\$375,123
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$654,712
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$473,194
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI060536	TRAINING IN IMMUNOLOGY	\$247,668

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2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI071204	DIVERSITY-GENERATING RETROELEMENTS IN PHAGE AND BACTERIAL GENOMES	\$350,368
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI078869	INNATE IMMUNE REGULATION OF INFLAMMATION AND ADAPTIVE IMMUNITY	\$1,807,133
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075420	DEVELOPMENT AND TESTING OF HUMAN BRUCELLOSIS DIAGNOSTICS IN AN ENDEMIC COUNTRY	\$1,055,715
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI066901	PHARMACOKINETICS AND PATHOGENESIS OF TREATMENT RESPONSES	\$121,770
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$3,401,797
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068498	T REGULATORY CELLS IN HIV INFECTION	\$363,832
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$397,238
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076632	CARBON MONOXIDE IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	\$121,770
2010	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,728,049
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI070803	MODULATION OF OUTER MEMBRANE PROTEIN EXPRESSIN IN HELICOBACTER PYLORI	\$483,480
2010	CEDARS-SINAI MEDICAL CENTER	CA	K08AI070162	INNATE IMMUNITY AND MOUSE MODEL OF KAWASAKI DISEASE	\$129,720
2010	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$384,528
2010	J DAVID GLADSTONE INSTITUTES	CA	P01AI083050	EXPLORING HIV-HOST INTERACTIONS IN THE FEMALE REPRODUCTIVE TRACT	\$1,784,447
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$469,013
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068685	THE DIVERSE CONTRIBUTION OF TLR PATHWAYS TO INTESTINAL HOMEOSTASIS	\$375,123
2010	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$514,922
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$237,876
2010	STANFORD UNIVERSITY	CA	R01AI077395	COMPENSATION AUTOMATION FOR HIV VACCINE DEVELOPMENT	\$381,538
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI080087	INVARIANT NKT CELL RESPONSES TO VIRAL INFECTIONS AND TUMORS	\$50,474
2010	STANFORD UNIVERSITY	CA	F32AI089080	CHARACTERIZATION OF HLA-DQ2 AND HLA-DM INTERACTION	\$47,606
2010	IMMPORT THERAPEUTICS INC	CA	R44AI058365	SERIODIAGNOSTIC ARRAYS FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$991,855
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088147	INDIGENOUS FREE FATTY OLEIC ACID AGAINST MRSA SKIN INFECTION	\$257,174
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI081078	REGULATION OF T CELL ANERGY BY PALMITOYL ACYL TRANSFERASES	\$271,755

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	SCRIPPS RESEARCH INSTITUTE	CA	R33AI071952	SYNDECAN AGONISTS AND ANTAGONISTS AS MICROBICIDES	\$526,433
2010	ARBOR VITA CORPORATION	CA	R44AI068160	DEVELOPMENT OF AN E6 BASED RAPID STRIP TEST COMMERCIAL PROTOTYPE FOR CERVICAL CAN	\$1,000,000
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI076246	HOST INTERACTIONS OF SALMONELLA TYPHIMURIUM	\$521,371
2010	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$124,714
2010	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$730,719
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI079192	INTRACELLULAR LIFESTYLE OF PSEUDOMONAS AERUGINOSA	\$479,913
2010	MONOGRAM BIOSCIENCES INC	CA	R43AI083184	NOVEL ASSAYS FOR MEASURING SUSCEPTIBILITY TO INHIBITORS THAT TARGET HIV1 VIRION A	\$299,156
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080778	PATHOGENESIS OF LUPUS DERMATITIS	\$381,150
2010	SAN FRANCISCO STATE UNIV	CA	SC2AI089120	MALARIA ERYTHROCYTE BINDING-LIKE GENES & HOST SPECIFICITY IN A NATURAL POPULATION	\$151,965
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085307	LACTOBACILLI SURFACE ANTIBODY EXPRESSION FOR IN VIVO PROTECTION AGAINST CHOLERA	\$284,850
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$407,633
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI078272	MECHANISMS OF PROTEIN UBIQUITINATION IN REGULATING AIRWAY INFLAMMATION	\$407,633
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI084317	THE NOVEL PROTEIN, FIML, REGULATES VIRULENCE IN PSEUDOMONAS AERUGINOSA	\$50,474
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$500,993
2010	UNIVERSITY OF CALIFORNIA	CA	R21AI082320	MECHANISMS OF SALMONELLA BACTEREMIA IN PEDIATRIC MALARIA	\$223,169
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI080799	SYSTEMS BIOLOGY APPROACH TO MAPK REGULATION OF MALARIA INFECTION IN A. STEPHENSI	\$718,795
2010	GENEFLUIDICS INC	CA	R43AI088756	RAPID ANTIMICROBIAL SUSCEPTIBILITY TEST CARTRIDGE FOR RESOURCE-LIMITED SETTINGS	\$342,140
2010	VERDEZYNE INC	CA	R42AI066758	CODA ASSEMBLY OF MUTANT GENES	\$565,884
2010	STANFORD UNIVERSITY	CA	K08AI079268	MECHANISMS OF T CELL INHIBITORY PATHWAYS	\$132,786
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI090118	Lupus and the inhibitory dual receptor hypothesis	\$386,250

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2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079060	Immunological Priming to Hepatitis B Virus	\$470,003
2010	SYNEDGEN, INC	CA	R43AI085684	WOUND DECONTAMINATION FOR THE PREVENTION AND TREATMENT OF MULTI-DRUG RESISTANT BA	\$99,638
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI078183	An.gambiae immune signaling gene SNPs and natural P. falciparum infection	\$689,552
2010	AVIDBIOTICS CORPORATION	CA	R43AI088863	CREATE, EVALUATE AND DEVELOP PRE-CLINICALLY AN ENGINEERED R-TYPE PYOCIN TO SPECIF	\$284,032
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI082414	AN FTR1 VACCINE TO ABROGATE MUCORMYCOSIS	\$181,150
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI088822	THE TRANSCRIPTIONAL NETWORK CONTROLLING CANDIDA ALBICANS BIOFILM FORMATION	\$52,154
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085043	Mechanisms of Viral Persistence	\$379,965
2010	J DAVID GLADSTONE INSTITUTES	CA	R01AI081651	Role of Tat and SIRT1 in the T-cell Hyperactivation Syndrome Induced by HIV-1	\$477,500
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081982	STRUCTURE DRIVEN ANALYSIS OF EBOLA VIRUS RECEPTOR BINDING SITE	\$701,172
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI088774	12TH INTERNATIONAL SYMPOSIUM ON HUMAN CHLAMYDIAL INFECTIONS	\$8,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084928	Role of Host Cells in Invasive Listeriosis	\$386,250
2010	STANFORD UNIVERSITY	CA	U01AI090905	Insights into immune-related disease born from population genomics	\$559,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI083113	HCV resolution correlates with patterned KIR expressions on lymphocytes.	\$408,970
2010	STANFORD UNIVERSITY	CA	R37AI036929	Actin-Based Motility of a Bacterial Pathogen	\$307,005
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI088790	Bay Area Hepatitis C Cooperative Research Center	\$745,655
2010	RAND CORPORATION	CA	R03AI095084	DIFFERENTIAL PROVIDER INTERACTIONS AND ETHNIC DISPARITIES IN INFLUENZA VACCINATIO	\$99,611
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI085077	Understanding the Role of Nucleosome Turnover in the Malaria Parasite	\$451,582
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R56AI083514	BCL11B IN EARLY T CELL DEVELOPMENT	\$405,000
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R56AI078321	POST-TRANSLATIONAL PROCESSING OF MYELOID ALPHA-DEFENSINS.	\$364,500
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R56AI059492	REVERSE GENETICS OF MOSQUITO SYSTEMIC IMMUNITY	\$522,111
2010	SCRIPPS RESEARCH INSTITUTE	CA	R56AI081857	SYNTHETIC TIR DOMAIN MIMETICS AS A NOVEL STRATEGY FOR INTERVENTION IN SEPSIS	\$390,150
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070289	GENETIC BASIS OF VIRULENCE OF COMMUNITY MRSA CLONE USA300	\$382,388

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2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$468,914
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$4,383,189
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI073911	HUMORAL RESPONSES TO LYME BORRELIOSIS: A MOUSE MODEL	\$372,247
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI075837	EXAMINATION OF THE ROLE OF C-ABL IN B CELL DEVELOPMENT	\$52,154
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047140	REVERSE GENETICS OF ARENAVIRUSES.	\$422,111
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069317	ENVELOPE-RECEPTOR INTERACTIONS IN NIPAH AND HENDRA VIRUS PATHOBIOLOGY	\$329,309
2010	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI050000	ROLES FOR MOTILITY IN HELICOBACTER PYLORI PATHOGENESIS	\$355,281
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050587	MODELING COMPLEX PHARMACOKINETICS AND PHARMACODYNAMICS	\$267,671
2010	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$289,575
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039548	THE ENDOGENOUS MHC CLASS I ANTIGEN PROCESSING PATHWAY	\$373,160
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$350,878
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$455,903
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$469,013
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI020001	PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	\$653,572
2010	STANFORD UNIVERSITY	CA	R01AI008619	ANTIMICROBIAL RESISTANCE IN BACTERIA	\$562,497
2010	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$397,605
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI021372	THE REGULATION OF T CELL DEVELOPMENT	\$475,446
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$382,388
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$320,420
2010	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$378,750
2010	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$356,028
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$358,777
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$374,736
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067341	TNFR MEMBERS IN T CELL IMMUNITY TO VACCINIA	\$447,467
2010	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$629,751
2010	STANFORD UNIVERSITY	CA	R01AI042801	EPIDEMIOLOGY OF HELICOBACTER PYLORI TRANSMISSION	\$700,789
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$423,002

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2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052778	HIV CORECEPTOR SWITCHING	\$446,760
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$288,007
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$522,423
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI074564	NOVEL CHEMICAL AND IMMUNOLOGICAL APPROACHES TO INFLUENZA THERAPY	\$1,655,651
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R37AI024716	REGULATION OF VITELLOGENIC GENES IN THE MOSQUITO	\$529,766
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI065831	MOUSE MODELS FOR UNDERSTANDING HOST RESPONES TO INTRACELLULAR PATHOGENS	\$1,627,294
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI070453	XENOBIOTICS, OXIDATIVE STRESS AND ALLERGIC INFLAMMATION	\$1,365,876
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$8,627,554
2010	STANFORD UNIVERSITY	CA	R01AI065972	THE CELL BIOLOGY OF THEILER'S VIRUS PERSISTENCE IN CNS	\$319,547
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI035297	IMMUNE TOLERANCE AND AUTOIMMUNITY	\$1,798,391
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067395	IMMUNOLOGICAL SECRETOMES OF THE EARLY ANTHRAX INFECTION	\$254,970
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01DK078013	ACHIEVING THERAPEUTIC ANTIGENT-SPECIFIC TOLERANCE IN TYPE 1 DIABETES	\$457,376
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$420,775
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075527	NEXT-GENERATION 5-NITROIMIDAZOLES AGAINST GIARDIASIS	\$953,513
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$359,655
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	RC1AI078516	ENDOGENOUS SPHINGOSINE-1-PHOSPHATE AS A RADIOPROTECTOR OF INTESTINAL TISSUES	\$99,950
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$502,402
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$394,534
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatISTICS TRAINING FOR AIDS RESEARCH	\$239,468
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077989	PROTECTION AGAINST INHALATION ANTHRAX WITH INACTIVATED SPORES	\$1,026,116
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068818	HOW IL-10R BLOCKADE CAN RESOLVE PERSISTENT VIRAL INFECTIONS	\$412,999
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070351	EFFECTS OF INSULIN-DEPENDENT DIABETES RESISTANCE ALLELES ON CD8 TOLERANCE IN NOD	\$949,767
2010	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$970,818

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2010	STANFORD UNIVERSITY	CA	F32AI080093	RECONSTITUTION OF POLIOVIRUS AND HCV RNA REPLICATION COMPLEXES ON MEMBRANES	\$50,474
2010	STANFORD UNIVERSITY	CA	R01AI069164	ADAPTATION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$304,066
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI075317	TRANSPLANTATION: ALLOIMMUNE NETWORKS	\$267,671
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI069989	AN IN VITRO SYSTEM TO STUDY ANTIVIRAL STRATEGIES AGAINST HEPATITIS C VIRUS	\$116,370
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$460,102
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$314,666
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048034	Regulation of NF-Kappa B	\$745,119
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	\$406,113
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI079340	EFFECTOR FUNCTION OF NATURAL KILLER T (NKT) CELLS IN SARCOIDOSIS	\$76,478
2010	ARIDIS PHARMACEUTICALS LLC	CA	R43AI081400	INHALABLE GALLIUM NITRATE ANTI-INFECTIVE POWDER FOR CF	\$299,869
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI085291	TOLEROGENIC INTERACTIONS OF 4-1BB	\$236,125
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080564	IFN-A AND PDC IN HIV INFECTION: IMPACT ON T CELL DEVELOPMENT AND RECONSTITUTION	\$347,703
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI081037	ROLE OF H. PYLORI OUTER MEMBRANE PROTEINS IN COLONIZATION AND HOST RESPONSE	\$228,872
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088490	SLFN PROTEINS IN INNATE IMMUNITY	\$193,125
2010	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI083060	PREVENTION UMBRELLA FOR MSM IN THE AMERICAS	\$983,589
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081881	CARTILAGE INNATE IMMUNITY IN OSTEOARTHRITIS	\$347,490
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$371,919
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI076396	THE ROLE OF TRANSMETHYLATION REACTIONS IN AUTOIMMUNITY	\$470,003
2010	LA JOLLA BIOENGINEERING INSTITUTE	CA	R01AI082610	NITRIC OXIDE RESTORATION & HEME DETOXIFICATION AS ADJUNCTIVE THERAPIES FOR CEREBR	\$412,187
2010	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	K08AI082284	EMERGENCE AND BIOLOGICAL CONTROL OF SCHISTOSOMIASIS	\$116,041
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI088445	HUMAN LYMPHOID TISSUE INDUCERS	\$171,864

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2010	CALIFORNIA STATE UNIVERSITY FOUNDATION, DOMINGUEZ HILLS	CA	SC2AI087993	ETHNIC DISPARITIES IN THE PSYCHOSOCIAL AND NEUROCOGNITIVE PREDICTORS OF HEALTH OU	\$140,580
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084109	INTERRUPTION OF MATERNAL-FETAL TRANSMISSION OF HIV	\$622,305
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089292	Health Empowerment for MSM in South Africa	\$621,571
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087470	C5a as an Anti-HIV Microbicidal Candidate	\$474,750
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI089978	Pharmacokinetic-Pharmacodynamics of Antimicrobials in Resistant Infections	\$128,250
2010	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI087176	Visceral Adiposity, HIV, and HCV: Biologic Mediators of Hepatic Steatosis	\$489,161
2010	LOMA LINDA UNIVERSITY	CA	R01AI090659	HIGHLY INNOVATIVE TACTICS TO INTERRUPT TRANSMISSION OF HIV (HIT-IT)	\$625,221
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI090487	TARGETING INFLAMMASOME MEDIATED DISORDERS WITH GREEN TEA	\$231,750
2010	STANFORD UNIVERSITY	CA	R21AI088541	CHEMICAL CHARACTERIZATION OF SUMO SPECIFIC PROTEASES IN PLASMODIUM FALCIPARUM	\$240,000
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI090656	BROADLY REACTIVE ANTIBODIES AGAINST CHIMERIC VIRUS-HOST ANTIGENS	\$574,520
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI091323	IDENTIFYING THE ROLE OF 4-1BB IN GENERATION AND PERSISTENCE OF VACV-CD8 MEMORY	\$50,474
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI075609	ROLE OF THE MHC CLASS II TRANACTIVATOR GENE IN LUPUS AND RHEUMATOID ARTHRITIS	\$31,211
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070967	IN VIVO ANALYSIS OF T LYMPHOCYTES IN THE PERSISTENTLY INFECTED CNS	\$460,102
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI078288	HIGH THROUGHPUT SCREENING FOR TOLL-LIKE RECEPTORS INHIBITORS	\$469,013
2010	EAST BAY INSTITUTE FOR RESEARCH & EDUCATION	CA	K08AI075029	GC399TR AN INHIBITOR OF AUTOIMMUNITY	\$118,995
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell Surface Protein Anchoring and Function in Gram-Positive Bacteria	\$321,247
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$569,364
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072115	SIGLEC-F AND RESOLUTION OF ALLERGIC INFLAMMATION	\$344,149
2010	STANFORD UNIVERSITY	CA	R01AI039624	T-CELLS IN LUNG INFLAMMATION	\$348,506
2010	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI052291	MECHANISMS OF MACROLIDE RESISTANCE IN MYCOBACTERIA	\$272,869
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040696	REGULATION OF HBV REPLICATION BY THE IMMUNE SYSTEM	\$469,013
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030475	TRANSLATION REGULATION IN GIARDIA LAMBLIA	\$450,340

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2010	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$585,050
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$133,342
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI043203	HIV-1 ESCAPE FROM INHIBITION BY CYTOTOXIC T LYMPHOCYTES	\$380,675
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$400,912
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$364,245
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$316,317
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069536	UNIVERSITY OF CALIFORNIA, SAN DIEGO CLINICAL TRIAL UNIT	\$1,062,445
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,675,166
2010	J DAVID GLADSTONE INSTITUTES	CA	R01AI062333	CHEMOPROPHYLAXIS AND HIV-HOST INTERACTIONS	\$833,172
2010	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$400,000
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5 noncoding region functions	\$364,316
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$364,245
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068978	TARGETING LENTIVIRUSES TO INFECT CHOSEN CELLS	\$603,733
2010	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$516,258
2010	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$371,317
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065841	DISSECTING THE HLA CONTRIBUTION TO RHEUMATOID ARTHRITIS	\$387,245
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$419,005
2010	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI073295	VACCINE REFUSAL: CLINICAL IMPACT AND PARENTAL ATTITUDES	\$97,234
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$447,467
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$375,123
2010	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$473,617
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI076972	PROGRAMMING OF CD8+ T CELL TOLERANCE BY B CELL APC	\$453,692
2010	PLANET BIOTECHNOLOGY INC	CA	R44AI053005	NOVEL THERAPY FOR PULMONARY ANTHRAX	\$1,000,000
2010	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI071725	HIV INFECTION, ANTIRETROVIRAL THERAPY, CANCER INCIDENCE AND PROGRESSION	\$140,344

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI074832	ANTIOXIDANT-BASED MECHANISMS USED BY STAPHYLOCCOCUS AUREUS TO EVADE HOST DEFENSES	\$386,049
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI044864	GENERATING ANTIGENIC PEPTIDE/MHC BY CRYPTIC TRANSLATION	\$362,812
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$1,275,482
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI074810	EMERGENCE OF HUMAN MONKEYPOX IN CENTRAL AFRICA	\$121,770
2010	STANFORD UNIVERSITY	CA	R01AI048540	MOLECULAR PRINCIPLES OF TCR RECOGNITION AND ACTIVATION BY PEPTIDE-MHC	\$272,024
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069545	CLINICAL CENTER: MEDICAL /QUALITY OF LIFE OUTCOMES /LIVE KIDNEY OR LUNG DONATION	\$438,723
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI070494	DEVELOPMENT OF AN EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$817,642
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069015	HCMV ENVELOPE AND TEGUMENT STRUCTURES: MECHANISMS OF VIRAL ENTRY AND ASSEMBLY	\$289,684
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$328,416
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$368,081
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI042488	CENTROSOMAL PROTEINS IN GIARDIA DIFFERENTIATION	\$375,123
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072414	THE HUMAN ANTIBODY RESPONSE TO METAPNEUMOVIRUS: PROPHYLAXIS AND VACCINE DESIGN	\$524,276
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$484,558
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI066244	GENOMICS OF COENZYME METABOLISM IN BACTERIAL PATHOGENS	\$425,602
2010	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$716,560
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$404,898
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073539	ROLE OF VITAMIN D PROHORMONE 25-OHD IN THE INNATE IMMUNE RESPONSE TO TUBERCULOSIS	\$433,690
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$3,419,847
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$469,013
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$399,729
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	F32AI082935	THE STRUCTURE, DYNAMICS AND FUNCTION OF THE PORE-FORMING TOXIN OF ANTHRAX	\$47,606

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2010	STANFORD UNIVERSITY	CA	F32AI082930	THE MOLECULAR BASIS OF HEPATITIS C CLINICAL RESISTANCE TO INTERFERON THERAPY	\$59,918
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI078208	ROLE(S) OF VEGF IN RESOLUTION OF INFLAMMATION	\$219,606
2010	VAXART INC	CA	R44AI074216	ENHANCED ORAL VACCINE DELIVERY VEHICLE	\$850,927
2010	LAWRENCE BERKELEY LABORATORY	CA	R01AI082376	PAN GENOMIC DISCOVERY OF GENES TOXIC TO BACTERIA	\$398,554
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083355	RIG-I AND TRIM25 MEDIATED IMMUNE SURVEILLANCE AGAINST VIRUS	\$477,023
2010	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI082740	MULTIEPITOPE CIRCUMSPOROZOITE P.FALCIPARUM MALARIA SUBUNIT VACCINE DISPLAYED ON V	\$599,338
2010	UNIVERSITY OF CALIFORNIA	CA	R21AI088471	DEVELOPMENT AND IMMUNOGENICITY OF ATTENUATED RHCMVDELTA10 VACCINE VECTORS	\$229,586
2010	MAPP BIOPHARMACEUTICAL INC	CA	R43AI082744	AN IMMUNOPROTECTANT FOR MARBURG VIRUS	\$265,356
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$2,312,396
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI083784	BINATIONAL TRANSMISSION OF MULTIDRUG-RESISTANT TUBERCULOSIS, CALIFORNIA & MEXICO	\$121,770
2010	TUNITAS THERAPEUTICS INC	CA	R43AI088950	CAT ALLERGEN-HUMAN FC-GAMMA1 CHIMERIC PROTEINS TO TREAT CAT ALLERGY	\$300,000
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI081161	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NOVEL MYCOBACTERIAL HEME UPTAKE	\$493,978
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$305,910
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$371,181
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI085583	POLYPEPTIDE DESIGN WITH PROTEOMIC SCOPE VIA MICROFLUIDIC MRNA DISPLAY	\$489,788
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI082357	A NOVEL CYTOSOLIC IMMUNOSURVEILLANCE PATHWAY	\$189,956
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI088292	MITOCHONDRIAL RIBOSOMES AND RELATED RNP COMPLEXES IN TRYPANOSOMA BRUCEI	\$179,600
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI090610	T CELL REGULATION OF COMMENSAL ANTIGEN PRESENTATION	\$284,850
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI083991	DISABLING OF THE ANAPHASE PROMOTING COMPLEX BY HUMAN CYTOMEGALOVIRUS	\$184,694

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2010	STANFORD UNIVERSITY	CA	U19AI082719	AUTOIMMUNITY CENTER OF EXCELLENCE (ACE) AT STANFORD	\$701,037
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI091068	Control of intestinal microflora and inflammation by immune sensing of flagellin	\$47,606
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI088326	MOBILE PHONE-BASED VIDEO DIRECTLY OBSERVED THERAPY FOR TUBERCULOSIS	\$234,721
2010	SCRIPPS RESEARCH INSTITUTE	CA	R33AI076005	INHIBITORS OF HIV-DENDRITIC CELL INTERACTIONS AS MICROBICIDES	\$527,027
2010	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI089378	REFOCUSING THE IMMUNE RESPONSE TO THE HIV ENVELOPE GLYCOPROTEIN	\$723,285
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R21AI090345	NEISSERIA MENINGITIDIS IG BINDING PROTEIN VACCINE	\$240,750
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$456,539
2010	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$1,613,613
2010	STANFORD UNIVERSITY	CA	R01AI083757	Recent Thymic Emigrants of the CD4 T-cell Lineage	\$424,840
2010	CALIFORNIA INSTITUTE FOR MEDICAL RESEARCH	CA	R21AI085566	APPLICATION OF MAGNETIC NANOARRAY TECHNOLOGY TO THE RAPID DIAGNOSIS OF INVASIV	\$284,448
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI090200	HCMV INFECTION AND IMMUNE MODULATION IN A HUMAN PLACENTATION MODEL IN SCID MICE	\$193,125
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI087185	NOVEL ADJUVANTS OF ACTIVATING RIG-I AND INHIBITING IMMUNE INHIBITORS FOR HIV VACC	\$243,625
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI088393	SUPPRESSION OF IMMUNE FUNCTIONS BY A PEPTIDE BLOCKING FUNCTION OF CRAC CHANNELS	\$192,500
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI084090	THE ROLE OF HEPATITIS C VIRUS 5' UNTRANSLATED REGION IN VIRUS MORPHOGENESIS	\$225,439
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI085087	Role of Lipids in Hepatitis C Virus Maturation	\$386,250
2010	STANFORD UNIVERSITY	CA	R21AI085178	IDENTIFICATION OF ENTAMOEBA SMALL RNAS BY PYROSEQUENCING	\$240,000
2010	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI090831	Rapid Diagnosis of MDR TB from Sputum using a Small Fully Integrated Nucleic Acid	\$1,007,150
2010	AMERICAN HEALTH SCIENCES	CA	R34AI091438	PLASMA AND INTRAPULMONARY PHARMACOKINETICS AND PHARMACODYNAMICS (PKPD) OF AEROSOL	\$90,750
2010	PAXVAX INC	CA	R43AI091546	AD4 VECTORED HIV-ENV VACCINES WITH IMPROVED IMMUNOGENICITY	\$300,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI087674	Mechanisms of PVL-induced Acute Lung Injury	\$450,642
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI087382	ADDRESSING INTRA-/INTER-CLADE DIVERSITY IN HIV VACCINE DESIGN BY IMMUNE FOCUSING	\$192,451

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2010	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$143,544
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2010	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI071025	ANTIBODY CYTOKINE FUSION PROTEINS AGAINST CRYPTOCOCCUS NEOFORMANS	\$314,078
2010	STANFORD UNIVERSITY	CA	R01AI031168	ORIGINS OF DIVERSITY AT HUMAN CLASSICAL MHC CLASS I GENES	\$400,000
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$713,348
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$470,003
2010	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$293,517
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$1,286,654
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI041404	Structure and Function of Ribonucleoprotein Complexes Modulating HIV Replication	\$477,500
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$256,666
2010	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$461,409
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI045999	MOLECULAR TARGETS OF BLOCKING MALARIA TRANSMISSION	\$364,245
2010	STANFORD UNIVERSITY	CA	R01AI053724	INVESTIGATING ENTAMOEBIA HISTOLYTICA COLONIC PATHOGENESIS	\$389,976
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$376,165
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$604,832
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI072645	CELLULAR FACTORS IN GAMMARETROVIRUS REPLICATION	\$431,707
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$375,994
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046967	THREE-DIMENSIONAL HIV RNA GENOME TARGETED DRUG LEADS	\$382,388
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$327,820
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$373,877
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039001	MICROBICIDAL PROTEINS FROM PLATELETS	\$344,495
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$364,245
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068090	UNDERSTANDING IMMUNOPATHOGENESIS OF HEPATITIS B VIRUS	\$364,245
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI061354	LEISHMANIASIS TREATMENT: MACROPHAGE SCAVENGER RECEPTOR	\$365,117

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2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,359,813
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$394,287
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI040124	ANALYSIS OF SALMONELLA TYPHIMURIUM ADHESINS	\$450,481
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068546	UNDERSTANDING HOW HIV-1 VPU AND HIV-2 ENV STIMULATE VIRUS RELEASE	\$282,462
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$292,337
2010	STANFORD UNIVERSITY	CA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$339,562
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$312,351
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$334,696
2010	SCRIPPS RESEARCH INSTITUTE	CA	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,586,243
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$291,395
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$447,467
2010	STANFORD UNIVERSITY	CA	R01AI070813	EXPRESSION AND MODULATION OF MAST CELL FUNCTION IN ASTHMA	\$501,632
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$316,875
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$2,596,070
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070891	COCCIDIOIDOMYCOSIS:GENOME COMPARISON, SELECTION AND TRANSCRIPTION.	\$406,524
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$307,137
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI025008	POLYSACCHARIDE ANTIBODY REPERTOIRES	\$514,706
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072012	NEW ANTIVIRAL THERAPIES FOR HEPATITIS C INFECTION	\$361,943
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI067890	HVEM-BTLA system in inflammation	\$372,500
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI049453	THE MOLECULAR BASIS OF OX40 ON CD4 T CELLS	\$420,998
2010	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI076247	RAPID ISOTHERMAL NUCLEIC ACID AMPLIFICATION ASSAY AND DEVICE FOR HSV TESTING	\$547,185
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$392,348
2010	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$157,452
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U19AI083025	HOST-PATHOGEN COMPETITION IN IFN MEDIATED ANTIVIRAL DEFENSE	\$1,939,033

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2010	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI084714	STABILIZING HIV-1 TRIMERS BY LINKING GP120 SUBUNITS	\$245,027
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI082493	FUNCTIONAL ANALYSIS OF PHOSPHOLIPASE D4	\$235,001
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI074022	A NOVEL COMPUTATIONAL MODEL OF B CELL SIGNALING AND ACTIVATION	\$283,619
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070902	THE IMMUNOGENETICS OF MACAQUES USED IN BIODEFENSE RESEARCH	\$407,633
2010	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$1,151,953
2010	ADVANCED GENETIC SYSTEMS INC	CA	R41AI076087	IDENTIFICATION OF ANTI-HIV LEAD COMPOUNDS TARGETING REV	\$288,691
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI076558	ORALLY ACTIVE NUCLEOSIDE PHOSPHONATES FOR HEPATITIS C VIRUS	\$575,352
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI078625	KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS (KSHV) EVASION OF NATURAL KILLER CELLS	\$53,810
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI084173	MARGINAL ZONE B CELL REPERTOIRE	\$188,001
2010	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI082839	INHIBITORS OF TOLL-LIKE RECEPTORS 7 & 9 FOR TREATMENT OF SKIN INFLAMMATION	\$360,909
2010	ID FISH TECHNOLOGY INC	CA	R44AI075745	TB-FISH (FLUORESCENT IN SITU HYBRIDIZATION) ASSAY FOR DIRECT DETECTION OF M. TUBE	\$955,026
2010	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI084145	RAI CONDOM: FEASIBILITY & ACCEPTABILITY STUDY, PHASE 1 PILOT CLINICAL RESEARCH	\$302,482
2010	STANFORD UNIVERSITY	CA	R01AI078947	CHEMICALLY MAPPING MALARIAL RUPTURE PROTEASES	\$397,734
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI076504	HIGH-THROUGHPUT ASSAY DEVELOPMENT FOR SCREENING INHIBITORS OF SUMO LIGASES	\$345,408
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI083012	IDENTIFICATION OF THE MECHANISMS CONTROLLING TLR9 LOCALIZATION	\$32,795
2010	SOLULINK INC	CA	R43AI091340	MULTIPLEXED VACCINE TITER TEST	\$300,000
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K22AI085025	MECHANISM OF RETINOIC ACID RECEPTOR INDUCED INNATE IMMUNE RESPONSES	\$158,987
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080671	INVESTIGATIONS TARGETING SYMPTOMATIC RELIEF TO BOTULINUM NEUROTOXIN A INTOXICATIO	\$449,510
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI076346	PREVENTING AND CURING PERSISTENT INFECTIONS WITH TRANSIENT FTY720 TREATMENT	\$249,000
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI088886	2010 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$7,000

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2010	STANFORD UNIVERSITY	CA	F32AI081500	AXON-TO-MYELIN SPREAD AND PERSISTENCE OF THEILER'S MURINE ENCEPHALOMYELITIS VIRUS	\$50,474
2010	VLP BIOTECH INC	CA	R43AI088919	A THERAPEUTIC VACCINE FOR CHRONIC HEPATITIS B	\$299,513
2010	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	K22AI077353	HUMAN CELLULAR FACTORS RESTRICTING HIV REPLICATION	\$162,000
2010	OSEL, INC	CA	R21AI079799	DEVELOPMENT OF A LIVE COMBINATIONAL MICROBICIDE FOR WOMEN	\$195,122
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI079705	Somatic hypermutation and class switching in autoimmunity	\$382,500
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI085462	IMMUNOREGULATORY EFFECTS OF NOVEL MTOR INHIBITORS	\$71,964
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI087035	INFLAMMATION, T CELL SENESECE, AND MORTALITY IN TREATED HIV INFECTION	\$246,239
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	F32AI088934	NOVEL TRANSFORMATIONS IN THE BIOSYNTHESIS OF THE ANTIBIOTIC MARINOPYRROLE	\$47,606
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI085035	IMMUNOLOGICAL DETECTION AND CONTROL OF EXPERIMENTAL UNCOMPLICATED MALARIA	\$87,586
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079665	TARGETING THE PROCESSING OF THE ARENAVIRUS GLYCOPROTEIN FOR ANTI-VIRAL THERAPY.	\$470,003
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI078133	QUANTITATIVE HIGH-RESOLUTION GENETIC PROFILING OF A GAMMAHERPESVIRUS	\$231,000
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI089498	Analysis of immunotherapeutics to native Marburg virus epitopes	\$535,157
2010	UNIVERSITY OF CALIFORNIA	CA	R21AI085022	2006 ELECTRONIC PRESENTATION - SPLIT RATE MODULES	\$230,894
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI088351	HIV STATUS AND REPRODUCTIVE AGING AFFECT LIVER FIBROSIS IN HIV/HCV INFECTED WOMEN	\$182,160
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI078248	Inherited Disorders of Lymphocyte Development	\$386,250
2010	STANFORD UNIVERSITY	CA	R03AI088042	DEVELOPING TOOLS FOR GENETIC MANIPULATION IN ENTAMOEBIA INVADENS	\$80,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI081727	Regulation of ESX-1 secretion and its role in M. tuberculosis virulence	\$367,095
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI091492	MICROBIAL TRANSLOCATION AND HIV-RELATED ENDOTHELIAL DYSFUNCTION	\$243,000
2010	UNIVERSITY OF CALIFORNIA	CA	R21AI088122	THE SALMONELLA BIOCHEMISTRY OF INFLAMMATION	\$186,670
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI082918	Role of CTCF and Cohesin in V(D)J Rearrangement	\$474,750
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083453	The NF-kB signaling system as a regulator of B-cell activation	\$372,810

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2010	AVIDBIOTICS CORPORATION	CA	R43AI088979	TARGETED SOLUBLE MICA MOLECULES TO RECRUIT INNATE IMMUNITY CELLS TO KILL SPECIFIC	\$300,000
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI088229	Mechanism of 4-1BBL-mediated sustained inflammation: target of anti-inflammation	\$379,800
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI084883	FUNCTIONAL DISTINCTIONS OF IGM VS. IGG-CONTAINING B CELL RECEPTORS	\$334,250
2010	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI090159	The Impact of Climate and Climate Change on West Nile Virus Transmission	\$514,913
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079043	Innate Control of Hepatitis C Virus Infection: Antiviral and Evasion Mechanisms	\$474,750
2010	AVIDBIOTICS CORPORATION	CA	R21AI085318	GENERATING A LIBRARY OF ANTIMICROBIAL R-TYPE PYOCINS AGAINST ENTERIC BACTERIA	\$200,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090605	Lead Identification to Clinical Candidate Selection: Drugs for Chagas Disease	\$1,038,431
2010	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R44AI080035	FORMULATION OF AMBIENT TEMPERATURE AND HUMIDITY STABLE RABIES VACCINES	\$511,814
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI047868	Divergence of Phagocytic and Antimicrobial Programs in Leprosy	\$495,465
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI089397	QUANTIFICATION OF HIV-1 RESERVOIRS IN THE GUT	\$125,010
2010	J DAVID GLADSTONE INSTITUTES	CA	R56AI076664	ROLE OF HDAC7 IN T-CELL DEVELOPMENT	\$482,500
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI089681	Peruvian/Brazilian Amazon Center of Excellence in Malaria	\$1,560,000
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$374,062
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI083112	MODULATING TIM-3 TO CONTROL HIV INFECTION	\$386,250
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI057512	YERSINIA PESTIS BIOFILM REGULATION	\$347,625
2010	J DAVID GLADSTONE INSTITUTES	CA	R56AI085056	MECHANISMS AND FUNCTIONS OF CORE-INDUCED LIPID DROPLET ACCUMULATION IN HEPATITIS	\$482,500
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI087652	IMMUNOPHENOTYPING AND LYMPHOCYTE EFFECTOR FUNCTIONS IN SARCOIDOSIS	\$386,250
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$376,765
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$402,188
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI052065	HCV AND HIV PROGRESSION IN WOMEN ON HAART	\$582,407
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$400,044
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050834	SPONTANEOUS AUTOIMMUNE MODEL OF PERIPHERAL NEUROPATHY	\$337,610

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$301,329
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$253,766
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055860	SIGNAL TRANSDUCTION NETWORKS IN BACILLUS ANTHRACIS	\$460,102
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI056324	NLR FAMILY PROTEINS: MECHANISMS AND REGULATION	\$472,725
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI056992	ROLE OF INNATE IMMUNITY IN CONTROLLING HIV INFECTION	\$721,499
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$369,611
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI043198	Mechanisms of innate immunity against HIV	\$477,500
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$161,282
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$274,357
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$385,000
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$693,008
2010	STANFORD UNIVERSITY	CA	R01AI072666	AMPETOLDS AS BIOSTABLE FUNCTIONAL MIMICS OF ANTIMICROBIAL PEPTIDES	\$340,874
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$414,874
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$170,129
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$347,625
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064738	RNAI AS AN INTERCELLULAR ANTIVIRAL DEFENSE MECHANISM	\$315,159
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$446,760
2010	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI067949	PATHOGEN-HOST INTERACTIONS THAT REMODEL THE CYTOSKELETON	\$424,165
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069432	UCSD DEPARTMENT OF MEDICINE HIV/AIDS CLINICAL TRIALS UNIT	\$4,754,262
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052748	SOLID ORGAN TRANSPLANTATION IN HIV: MULTI-SITE STUDY	\$2,734,790
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$333,912
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$412,088
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$386,250
2010	J DAVID GLADSTONE INSTITUTES	CA	U01AI064002	CHEMOPROPHYLAXIS FOR HIV PREVENTION IN MEN	\$15,906,431

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2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$383,750
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI071104	CHAPERONE MINING OF THE CHLAMYDIA TYPE THREE SECRETION SYSTEM	\$351,332
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061452	PROTEIN TRANSLOCATION BY THE TYPE III SECRETION SYSTEM	\$414,192
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI056338	MEETING SUPPORT FOR HIV DYNAMICS AND EVOLUTION	\$19,227
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$322,671
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI075985	VIROLOGIC AND HOST FACTORS CONTRIBUTING TO HIV CONTROL IN ELITE CONTROLLERS	\$125,820
2010	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	U01AI075565	SENSOR TECHNOLOGY FOR RAPID MICROBIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING	\$673,524
2010	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$129,172
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$101,869
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI064590	EARLY T CELL CHECKPOINT VIOLATION IN NOD MICE	\$338,004
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,779,612
2010	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$4,688,092
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI007620	TRAINING IN INFECTIOUS DISEASES AND IMMUNITY RESEARCH (T32 AI007620)	\$124,806
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,501,858
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI054977	TOX, A Novel Regulator of Thymocyte Selection	\$412,500
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070043	STATISTICAL METHODS TO STUDY THE EPIDEMIOLOGY OF HIV & OTHER DISEASE	\$308,802
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI078885	IDENTIFYING MICROORGANISMS INVOLVED IN HUMAN HEALTH AND DISEASE PROCESSES	\$352,606
2010	LYPRO BIOSCIENCES INC	CA	R44AI066444	NANODISK-AMPHOTERICIN B THERAPY FOR ASPERGILLOSIS	\$726,199
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI065388	REPRODUCTIVE INFECTIOUS DISEASE (RID) FELLOWSHIP	\$171,449
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087746	Cyclophilins, Cyclophilin Inhibitors and Hepatitis C	\$474,750
2010	WAVE 80 BIOSCIENCES INC	CA	R44AI073221	CARTRIDGE-FORMAT BRANCHED DNA SYSTEM FOR HIV VIRAL LOAD MEASUREMENT IN LOW-RESOUR	\$699,223
2010	STANFORD UNIVERSITY	CA	R01AI087917	HCV NS4B: Translating molecular virology into novel antiviral therapies	\$437,035

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2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI084544	EARLY MORTALITY IN HIV INFECTED PATIENTS STARTING ANTIRETROVIRAL THERAPY IN AFRIC	\$124,410
2010	STANFORD UNIVERSITY	CA	R01AI077737	ANALYSIS OF THE C.ALBICANSTRANSCRIPTOME	\$450,054
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$554,745
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	IMMUNE REGULATION OF VIRAL PERSISTENCE AND CLEARANCE	\$410,461
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI087131	PROTECTIVE IMMUNITY IN HIV HIGHLY EXPOSED BUT UNINFECTED SUBJECTS	\$231,750
2010	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI078259	ANTIDOTE FOR BOTULISM	\$206,442
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$441,045
2010	SCRIPPS RESEARCH INSTITUTE	CA	F32AI084418	ROLE OF CTCF IN V(D)J REARRANGEMENT	\$29,443
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083083	HIV-1 Nef's Role in Pathogenesis in vivo	\$381,150
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	\$346,500
2010	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	R21AI085402	DEVELOPMENT OF A FLUORESCENCE-BASED ASSAY TO DETECT FUNGUS-DERIVED PROTEOLYTIC AC	\$261,625
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI085042	Maternal and fetal immune responses to in utero HSC transplantation	\$125,010
2010	UNIVERSITY OF CALIFORNIA	CA	R21AI090277	NATURALLY OCCURRING DOG MODEL FOR INHERITED AUTOINFLAMMATORY DISEASES IN CHILDREN	\$229,500
2010	SCRIPPS RESEARCH INSTITUTE	CA	R13AI088868	2010 GAMMA DELTA T CELL CONFERENCE	\$5,000
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	K99AI085107	MECHANISMS OF CARBON DIOXIDE AVOIDANCE IN PARASITIC NEMATODES	\$90,000
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI079004	Novel ways to prevent upper GT infection	\$378,709
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI085568	LONG-LIVED B CELL IMMUNITY IN THE RESPIRATORY TRACT	\$378,077
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI057832	MATRIX METALLOPROTEINASES IN HEPATIC ISCHEMIA AND REPERFUSION INJURY	\$28,258
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083540	FUNCTIONAL CHARACTERIZATION OF CXCL14, CXCL17, AND CCL28; THREE MUCOSAL CHEMOKINE	\$189,338
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$124,200
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI083663	Mucosal barrier function during Salmonella infection	\$370,639

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2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089896	An automated high throughput phenotypic screen for schistosomiasis drug discovery	\$494,669
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI089398	TRANSLATIONAL AIDS AND VIRAL PATHOGENESIS TRAINING	\$226,579
2010	J DAVID GLADSTONE INSTITUTES	CA	F32AI068531	CHROMATIN DYNAMICS IN A MODEL OF LATENT HIV INFECTION	\$53,810
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R13AI091328	UZ-UCSF COLLABORATIVE RESEARCH PROGRAM	\$15,000
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI087627	GENETIC HETEROGENIETY OF THE HYPER IGE SYNDROME	\$190,575
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI084372	SMALL MOLECULE ACTIVATION OF INNATE IMMUNITY BY LISTERIA MONOCYTOGENES	\$45,590
2010	NEXOGEN INC	CA	R44AI068537	INFLUENZA TYPING USING A NEW REAL-TIME DNA AMPLIFICATION ON A PORTABLE ELECTRONIC	\$398,037
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R56AI081128	NOVEL ANTI-TOXIN COMPOUNDS AGAINST YERSINIA INFECTIONS	\$434,250
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI035021	ROLE OF MHC MOLECULES IN NK RECOGNITION	\$266,054
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI071233	INTERFERON ACTIONS AND AUTOIMMUNE DISORDERS	\$367,641
2010	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI065605	RISK FACTORS AND SUSCEPTIBILITY IN GONOCOCCAL INFECTION	\$391,892
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI078224	PROBING THE GERMLINES OF BROADLY NEUTRALIZING ANTI-HIV ANTIBODIES IN KNOCKIN MICE	\$748,994
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073656	INTERLEUKIN-2 AND AUTOIMMUNE DISEASE	\$382,388
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$382,388
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$337,610
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI072058	CELL TYPE-SPECIFIC ROLES OF TLR SIGNALING IN IMMUNE RESPONSES	\$382,388
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$393,525
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076670	CERVICAL MATURITY, MUCOSAL IMMUNITY, AND CHLAMYDIA TRACHOMATIS INFECTION	\$124,200
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI068896	FUNCTION OF MICRORNA IN PRO-INFLAMMATORY GENE EXPRESSION	\$460,102
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$368,825
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073868	SELECTIVE GENE ACTIVATION BY THE NF-KAPPAB FAMILY OF TRANSCRIPTION FACTORS	\$366,837
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$244,478

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2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI051970	IMMUNE PRESSURE ON HIV-1 NEF BY CYTOTOXIC T LYMPHOCYTES	\$383,300
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$213,797
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI068413	A TB VACCINE FOR AIDS PATIENTS	\$683,780
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$469,013
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$357,172
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067460	CYTOKINE GENE REGULATION BY MODIFICATION OF ARGININE RESIDUES	\$446,760
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036178	GENETIC DIVERSITY AS A DETERMINANT OF VIRAL PATHOGENESIS AND ATTENUATION	\$432,108
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$469,013
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI045053	RECOGNITION OF BACTERIAL ANTIGENS BY NKT CELLS	\$357,972
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066120	FUNCTION OF THE RPTP CD148 IN THE HEMATOPOIETIC LINEAGE	\$357,172
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI039987	ANTIFUNGALS FROM MARINE INVERTEBRATES --AIDS ADJUVANTS	\$348,582
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047163	MECHANISM OF HOST CELL INVASION BY MICROBIAL PATHOGENS	\$203,384
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$320,420
2010	CEDARS-SINAI MEDICAL CENTER	CA	R01AI067995	ROLE OF INNATE IMMUNITY IN PATHOGENESIS OF CHLAMYDIA PNEUMONIA INFECTION	\$367,781
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$443,210
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$618,582
2010	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$2,928,907
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$391,310
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$603,040
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI024424	MOLECULAR BASIS OF BORRELIA PATHOGENESIS	\$344,719
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067727	HUMAN RESERVOIRS OF PLASMODIUM VIVAX TRANSMISSION IN THE PERUVIAN AMAZON	\$600,289
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068063	CELL DEATH AND ANTIBODY-MEDIATED PROTECTION FROM AUTOIMMUNITY	\$346,705
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R37AI029329	ENHANCING THE INTRACELLULAR FUNCTIONING OF ANTI-HIV RNAs	\$677,820
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$356,742

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2010	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$374,072
2010	STANFORD UNIVERSITY	CA	K08AI067458	POPULATION GENETICS OF M. TUBERCULOSIS DURING DISEASE EPIDEMICS	\$116,505
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$185,484
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$401,400
2010	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$1,829,840
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$499,188
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$375,123
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI059346	STUDIES OF ALPHA-DEFENSINS IN PRIMATE INNATE IMMUNITY	\$331,406
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074760	MANIPULATION OF THE ACTIN CYTOSKELETON BY SPOTTED FEVER GROUP RICKETTSIA	\$365,774
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069058	TRICHOMONAS PATHOGENESIS: CELL SURFACE INTERACTIONS	\$370,980
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077199	THE ROLE OF DC'S TOLERANCE	\$50,474
2010	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI072618	REGULATION OF T CELL CCR10 BY SUNLIGHT AND VITAMIN D	\$339,917
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067890	HVEM-BTLA system in inflammation	\$106,274
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI068854	DETERMINANTS OF SCHISTOSOMIASIS RE-EMERGENCE	\$446,157
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI069993	TARGETING NEUTRALIZING ANTIBODY-DEFINED SITES ON HIV GP41 FOR VACCINE DESIGN	\$460,102
2010	STANFORD UNIVERSITY	CA	K08AI079406	NOVEL ANTIVIRAL TARGETS IN HEPATITIS C VIRUS NS4B PROTEIN	\$130,599
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077822	NOVEL THERAPEUTICS FOR CLASS B PROTOZOA	\$1,380,550
2010	STANFORD UNIVERSITY	CA	K08AI079269	MECHANISMS OF B CELL RESPONSES TO A NOVEL ADJUVANT FOR INFLUENZA VACCINE	\$130,599
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI074913	VIRUS DETECTION USING MICROARRAYS AND CHARACTERIZATION OF A NOVEL CARDIOVIRUS	\$125,820
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI074057	OPTIMIZATION OF HPMPA AND CDV ANALOGS FOR TREATMENT OF SMALLPOX	\$536,062
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$395,761
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI080147	ORAL WASH FOR NUCLEIC ACID DIAGNOSIS AND PROGNOSIS OF TB IN HIV-INFECTED UGANDANS	\$122,288

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	SCRIPPS RESEARCH INSTITUTE	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$18,500
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$115,750
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$444,757
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI088474	CONTROL OF T CELL RECRUITMENT TO INFLUENZA VIRUSES IN THE LUNG	\$286,500
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076614	TRANSLATIONAL STUDIES OF PLASMODIUM FALCIPARUM INFECTION DYNAMICS	\$121,770
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$745,566
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$381,150
2010	STANFORD UNIVERSITY	CA	R01AI073724	MICRORNAS AS T CELL SENSITIVITY RHEOSTATS	\$401,216
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$304,920
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$327,466
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081757	MICRORNA REGULATION OF HUMAN T AND B CELL ACTIVATION	\$470,003
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI084573	VITAMIN D INHIBITION OF HIV AND M. TUBERCULOSIS COINFECTION IN MACROPHAGES	\$191,194
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI081754	POPULATION DYNAMICS AN EVOLUTIONARY CAPACITY OF VIRAL QUASISPECIES	\$125,010
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI083358	Skin Microbiome in epidermal immune defense	\$386,250
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071084	PROBING THE ANTIBODY RESPONSE TO HCV TO FACILITATE RATIONAL IMMUNOGEN DESIGN	\$614,982
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI079775	IRON STARVATION: A NOVEL STRATEGY FOR HIV AND CHLAMYDIA MICROBICIDES	\$206,487
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077644	Chemical Strategies to Manipulate A1-2 Signaling in Bacterial Pathogens	\$474,750
2010	STANFORD UNIVERSITY	CA	R21AI090448	MICROFLUIDIC DIAGNOSTICS FOR PRIMARY IMMUNODEFICIENCY	\$240,000
2010	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$397,773
2010	OSEL, INC	CA	R33AI071978	DEVELOPMENT OF A LIVE TOPICAL MICROBICIDE FOR WOMEN	\$345,570
2010	SORRENTO THERAPEUTICS INC	CA	R41AI091275	EVALUATION OF STAPHYLOCOCCUS AUREUS AGR-BASED QUORUM SENSING AS VACCINE CANDIDATE	\$300,000

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2010	COLLABORATIVE DRUG DISCOVERY INC	CA	R41AI088893	IDENTIFICATION OF NOVEL THERAPEUTICS FOR TUBERCULOSIS COMBINING CHEMINFORMATICS,	\$149,382
2010	ARRAYOMICS INC	CA	R44AI077249	LIQUID ARRAY PROTEIN ASSAY PLATFORM	\$764,622
2010	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI087164	Gene expression biomarkers of immune recovery in HIV infected patients	\$354,000
2010	ENCODE BIO INC	CA	R43AI091077	USING A CYCLOTIDE-BASED MOLECULAR SCAFFOLD TO SELECT SPECIFIC PROTEIN-PROTEIN INH	\$200,732
2010	CEDARS-SINAI MEDICAL CENTER	CA	R21AI082379	EFFECTS OF MICROBIAL EXPOSURE ON MYELOPOIESIS	\$206,250
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI080931	Chemical Studies in Bacterial Cell Biology	\$306,191
2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	P01AI090935	Global innate immune responses to HIV-1 infection	\$4,254,392
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI089831	Interplay of Innate and Adaptive Immunity in Lupus Pathogenesis	\$386,250
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI090677	The Impact of Tolerance in the Newborn on Lentiviral Infection	\$797,163
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI086701	DESIGNING OPTIMAL INTERVENTIONS TO CONTROL HIV IN AFRICA USING DATA-BASED MODELS	\$269,500
2010	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R21AI088626	PROBIOTIC THERAPIES FOR FOOD ALLERGIES	\$283,500
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI091176	EIGHTEENTH MICROBIAL GENOMES CONFERENCE	\$12,500
2010	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI091574	FEMALE CONDOM-ORIGAMI FC FEASIBILITY STUDY - CLINICAL RESEARCH	\$300,000
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI085607	DETERMINANTS OF PROTECTION AND ENHANCEMENT OF DENGUE INFECTION/DISEASE IN VIVO	\$377,561
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI092218	QUANTIFYING DIFFERENTIAL CD4 AND CCR5 USAGE PATTERNS AMONGST HIV-1/SIV STRAINS	\$231,000
2010	MAPP BIOPHARMACEUTICAL INC	CA	R43AI091078	DEVELOPMENT OF A MONOCLONAL IMMUNOPROTECTANT FOR RICIN	\$300,000
2010	SCRIPPS RESEARCH INSTITUTE	CA	R56AI084927	SUPPRESSION OF THE INTERFERON RESPONSE BY THE HEPATITIS C VIRUS	\$474,750
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$469,013
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R56AI091536	BACTERIA BASED AGENTS FOR THERAPY OF AIDS ASSOCIATED INFECTIONS	\$369,655
2010	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI085177	LEISHMANIASIS DRUG DEVELOPMENT USING AN EVOLUTIONARY DESIGN STRATEGY	\$383,371
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI089828	REGULATION OF MIRNA EXPRESSION DURING HELPER T CELL DIFFERENTIATION	\$386,250
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070788	ROLE OF MICRO-RNAS IN T CELLS AND OTHER IMMUNE/HAEMATOPOIETIC CELLS	\$441,407

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2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI076544	THE IDENTIFICATION OF RISK FACTORS FOR THE COMPLEX MS PHENOTYPE	\$737,238
2010	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI077953	THERAPEUTIC FULLY HUMAN MONOCLONAL ANTIBODIES AGAINST VACCINA VIRUS AND SMALLPOX	\$1,221,981
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067888	RECOMBINANT C. TRACHOMATIS VACCINE	\$370,267
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070845	INOSITOL-TRISPHOSPHATE KINASE B (ITPKB) IN T CELL DEVELOPMENT AND FUNCTION	\$469,013
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$376,212
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$480,216
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	\$377,311
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI034238	POPULATION BASED MOLECULAR EPIDEMIOLOGY OF TUBERCULOSIS	\$751,392
2010	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R01AI014032	Pathogenesis and Treatment of Experimental Peritonitis	\$360,000
2010	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$631,667
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI020038	REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	\$357,172
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI043638	SOUTHERN CALIFORNIA PRIMARY INFECTION PROGRAM	\$13,001
2010	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$316,800
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI053331	T cell regulation by N-glycosylation	\$429,877
2010	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$411,227
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$596,461
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$3,180,075
2010	STANFORD UNIVERSITY	CA	R01AI023990	REGULATION OF MAST CELL DEVELOPMENT AND FUNCTION	\$407,221
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$167,787
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069350	RETARGETING OF RETROVIRAL VECTORS	\$337,610
2010	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$356,973
2010	STANFORD UNIVERSITY	CA	R01AI038459	GENETIC AND CELLULAR BASICS OF H. PYLORI PATHOGENESIS	\$408,505
2010	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$633,038

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2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$374,140
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$431,791
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$269,001
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$415,000
2010	STANFORD UNIVERSITY	CA	R37AI038972	STRUCTURAL STUDIES OF IGE RECEPTORS	\$297,996
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$351,988
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040098	BETA LYMPHOCYTE MIGRATION AND HOMEOSTASIS	\$337,610
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$347,625
2010	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$221,734
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070530	IMMUNOTHERAPEUTICS VS EBOLA SUDAN: DEVELOPMENT, STRUCTURAL & FUNCTIONAL ANALYSIS	\$740,922
2010	UNIVERSITY OF CALIFORNIA	CA	R01AI069341	MEASURING ENTOMOLOGICAL RISK FOR DENGUE	\$450,196
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075410	RESEQUENCING MICROARRAY FOR RAPID DETECTION & ANTIMICROBIAL RESISTANCE PROFILING	\$677,843
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	K23AI076106	PLASMA AND GENITAL HIV DYNAMICS IN WOMEN	\$94,972
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,786,561
2010	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070390	USING LIPIDS FOR VACCINATION	\$773,720
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	\$121,770
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$741,289
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072504	VARIABLE PROTEINS OF DIVERSITY-GENERATING RETROELEMENTS	\$292,431
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$535,634
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI073100	IMPACT OF HIV ON THE T CELL REPERTOIRE	\$124,200
2010	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI078048	COUNTERMEASURES FOR BIOTERRORISM TARGETING CELLULAR HOST FACTORS	\$752,492
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067403	MUTATIONAL AND BIOCHEMICAL ANALYSIS OF FGD2 AND FGD3	\$368,081
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074074	SOLUBLE T CELL RECEPTOR STUDIES ON MHC RESTRICTION	\$412,610
2010	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI070955	IDENTIFICATION OF VACCINE ANTIGENS BASED ON EXPRESSION IN BLOOD	\$396,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074694	REGULATION OF LYMPHOCYTE TRAFFICKING BY S1P1 AND CD69	\$305,910

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2010	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI077058	TAM RECEPTOR REGULATION OF INNATE IMMUNITY	\$473,963
2010	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$639,331
2010	PLANET BIOTECHNOLOGY INC	CA	U01AI082161	AN IMMUNOADHESIN THERAPY FOR INHALATIONAL ANTHRAX	\$969,948
2010	CLAREMONT BIOSOLUTIONS LLC	CA	R43AI078619	A FULLY INTEGRATED ASSAY AND PLATFORM FOR DETECTING CLOSTRIDIUM DIFFICILE	\$298,122
2010	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI081719	ACTIVATED TARGETED KILLER (ATAK) CELLS FOR INVASIVE FUNGAL INFECTIONS	\$346,768
2010	EPITOGENESIS, INC.	CA	R43AI084690	MUCOSAL IMMUNE-ENHANCING DELIVERY SYSTEM FOR HIV VACCINES	\$145,600
2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078806	THE ROLE OF CD4 IN MACROPHAGE DIFFERENTIATION AND FUNCTION	\$381,150
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083619	METAL WITHHOLDING RESPONSES IN THE GUT MUCOSA	\$189,338
2010	STANFORD UNIVERSITY	CA	K08AI080945	PROTEOMIC ANALYSES OF PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS	\$130,761
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083851	MECHANISM OF CHLAMYDIA-INDUCED CENTROSOME AMPLIFICATION	\$219,526
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073737	B CELLS IN CNS AUTOIMMUNITY	\$388,506
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI083953	DEFINING TLR9 REGULATORY SEQUENCES IN NATURAL DNA; IMPLICATION FOR VACCINE DEVELO	\$184,005
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$740,920
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI082266	HUMAN AUTOIMMUNITY AND GENETIC DEFECTS IN N-GLYCOSYLATION	\$376,220
2010	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI083841	IMMUNE EVASION OF AUTOPHAGY IN GAMMA-HERPESVIRUSES INFECTION	\$200,578
2010	SCRIPPS RESEARCH INSTITUTE	CA	R01AI087634	The Role of miR-17~92 in Autoimmune Diseases	\$427,275
2010	UNIVERSITY OF CALIFORNIA	CA	T32AI074550	TRAINING PROGRAM IN THE BIOLOGY OF DISEASE VECTORS	\$190,722
2010	CASCADE LIFESCIENCES INC	CA	R43AI082759	HYALURONAN FACILITATES HEMATOPOIETIC RECOVERY FOLLOWING IONIZING IRRADIATION	\$385,975
2010	ZENOBIA THERAPEUTICS INC	CA	R43AI085988	DISCOVERY OF INHIBITORS OF THE LIPOPOLYSACCHARIDE SYNTHESIS PATHWAY ENZYMES LPXA	\$456,299
2010	AVIDBIOTICS CORPORATION	CA	R43AI084295	ENGINEERED R-TYPE PYOCINS AS BACTERICIDAL AGENTS AGAINST E.COLI O157:H7	\$317,576
2010	TUNITAS THERAPEUTICS INC	CA	R41AI085987	Allergen Fc-gamma1 proteins to treat food allergy	\$172,386

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2010	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI085090	Mechanisms of Disease Pathogenesis in Regulatory T cell Deficiency	\$396,000
2010	STANFORD UNIVERSITY	CA	R01AI076434	NEW PERSPECTIVE ON INNATE ANTIBODIES IN MICE	\$405,501
2010	UNIVERSITY OF CALIFORNIA, REGENTS	CA	U01AI088654	Epidemiology, transmission, and phylogenetics of influenza in a tropical country	\$654,839
2010	STANFORD UNIVERSITY	CA	R01AI085024	GENE AND CYTOKINE EXPRESSION IN TOLERANCE AND GVHD	\$396,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI089674	Program for Resistance, Immunology, Surveillance & Modeling of Malaria in Uganda	\$1,462,907
2010	LANCELL, LLC	CA	R44AI072925	TOPICAL ADJUVANTS TO ENHANCE THE EFFICACY OF INFLUENZA VACCINES	\$673,631
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R03AI073426	DISSECTING THE SUBSTRATE SPECIFICITY OF ACYL-COA CARBOXYLASE	\$69,696
2010	STANFORD UNIVERSITY	CA	R01AI085268	THE ROLE OF CARBOXYPEPTIDASE B AND ITS SUBSTRATES IN RHEUMATOID ARTHRITIS	\$403,074
2010	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI087785	Disruption of Host-Seeking Behavior in Aedes and Culex Mosquitoes using Odorants	\$358,224
2010	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI084905	Regulation of B cell development by the proto-oncogene LRF/Pokemon	\$415,000
2010	OAK CREST INSTITUTE OF SCIENCE	CA	R33AI079791	Intravaginal ring microbicide formulations comprising multiple anti-HIV agents	\$449,298
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI088679	Tuberculosis epidemiology and novel transmission routes in rural Tanzania	\$664,540
2010	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI080938	OX40/OX40L interactions in allergen-induced airway inflammation and remodeling	\$132,300
2010	STANFORD UNIVERSITY	CA	F32AI085959	THE MHC OF WILD CHIMPANZEES: GENETIC VARIATION, DISEASE AND REPRODUCTIVE SUCCESS	\$51,374
2010	CEDARS-SINAI MEDICAL CENTER	CA	T32AI089553	The Cedars-Sinai Immunobiology Training Program	\$189,534
2010	STANFORD UNIVERSITY	CA	R01AI093625	LEUKOCYTE SIGNALING IN THE ELDERLY AND VACCINE IMMUNOGENICITY	\$400,000
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI085324	BACTERIAL ACYL HOMOSERINE LACTONES AS IMMUNE MODULATORS AND DRUG TARGETS	\$237,375
2010	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K22AI081901	TOWARDS A STRUCTURAL SYSTEMS BIOLOGY APPROACH FOR ANTI-TRYPANOSOMAL THERAPEUTICS	\$162,000
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI091534	pDC activation and lentiviral disease progression	\$50,474
2010	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	RC1AI086051	MUCOSAL IMMUNE RESPONSE OF THE ANUS IN WOMEN TO HPV, INTERCOURSE, SMOKING AND OCS	\$497,858
2010	SCRIPPS RESEARCH INSTITUTE	CA	R21AI090446	HIGH-THROUGHPUT ASSAYS TO IDENTIFY INHIBITORS OF CARD-CARD INTERACTIONS	\$284,850

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2010	COLORADO STATE UNIVERSITY	CO	K08AI071724	EVOLUTION OF DENDRITIC CELL DYSFUNCTION IN FIV INFECTION	\$105,835
2010	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$333,745
2010	NATIONAL JEWISH HEALTH	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$347,004
2010	UNIVERSITY OF COLORADO DENVER	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$549,016
2010	UNIVERSITY OF COLORADO DENVER	CO	U19AI050864	BENAROYA RESEARCH INSTITUTE/UCDHSC AUTOIMMUNE COOPERATIVE STUDY GROUP	\$1,189,530
2010	INDEVR LLC	CO	R44AI068270	MONITORING SYSTEM FOR VECTOR-BASED INFLUENZA VACCINE	\$808,639
2010	UNIVERSITY OF COLORADO DENVER	CO	R21AI078207	B CELL DEVELOPMENT IN AGING	\$189,338
2010	UNIVERSITY OF COLORADO DENVER	CO	K08AI076518	MECHANISMS OF APOPTOSIS IN VIRUS-INFECTED NEURONS	\$140,483
2010	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084288	LONG-ACTING G-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$299,927
2010	ISOGENIS INC	CO	R43AI081404	ACTIVITY OF FULLY DELETED HELPER-VIRUS INDEPENDENT ADENOVIRAL GENE THERAPY VECTOR	\$200,000
2010	MBIO DIAGNOSTICS INC	CO	R43AI091097	MULTIPLE ANTIGEN POINT-OF-CARE DEVICE FOR IMPROVED SYPHILIS DIAGNOSIS	\$96,589
2010	UNIVERSITY OF COLORADO DENVER	CO	K08AI073525	EPIDEMIOLOGY AND PATHOGENESIS OF NOVEL CORONAVIRUSES	\$132,300
2010	UNIVERSITY OF COLORADO DENVER	CO	U01AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$2,077,607
2010	NATIONAL JEWISH HEALTH	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$367,781
2010	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI072492	PERSISTENT SYSTEMIC INFECTION OF MICE BY SALMONELLA ENTERICA	\$325,050
2010	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$193,176
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085733	ANTIBIOTICS AND RESISTANCE: CHALLENGES AND SOLUTIONS	\$13,500
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI077597	Infectious Agents and B Cell Anergy	\$383,230
2010	UNIVERSITY OF COLORADO DENVER	CO	K08AI080285	INFLUENCE OF SEX STEROIDS ON HIV-1 CHEMOKINE CORECEPTOR EXPRESSION IN WOMEN	\$132,181
2010	NATIONAL JEWISH HEALTH	CO	R01AI083986	Gene Responses in Basophil-Mediated Allergic Responses	\$390,000
2010	UNIVERSITY OF COLORADO DENVER	CO	R21AI090450	CD1D2-SELECTED INKT CELLS	\$191,302
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI090795	INNATE RESTRICTION FACTOR MODULATION OF RETROVIRUS-SPECIFIC HUMORAL IMMUNITY	\$752,904
2010	BOLDER BIOTECHNOLOGY, INC	CO	R43AI088928	LONG-ACTING IL-11 ANALOG FOR TREATING ACUTE RADIATION SYNDROME	\$300,000

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2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$381,407
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI031940	GENETIC ANALYSIS OF CHOLERA TOXIN STRUCTURE AND FUNCTION	\$590,547
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI070983	FUNCTIONAL ANALYSIS OF COMPLEMENT RECEPTOR 2 AS A LUPUS SUSCEPTIBILITY GENE	\$496,179
2010	NATIONAL JEWISH HEALTH	CO	R01AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$511,072
2010	UNIVERSITY OF COLORADO DENVER	CO	R03AI080805	STRUCTURAL ANALYSIS OF HELMINTH MRNA CAP-BINDING PROTEINS	\$75,838
2010	COLORADO STATE UNIVERSITY	CO	R21AI078126	TARGETING PERSISTENT M. TUBERCULOSIS THROUGH THE INHIBITION OF ITS ALDOLASE	\$181,913
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085598	VIRAL IMMUNITY	\$7,000
2010	NATIONAL JEWISH HEALTH	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$216,510
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI088869	INNATE IMMUNITY: MECHANISMS LINKING WITH ADAPTIVE IMMUNITY	\$9,000
2010	CRESTONE INC	CO	R43AI090719	NOVEL DNA POLYMERASE INHIBITORS AS GRAM-POSITIVE ANTIBACTERIAL AGENTS	\$495,012
2010	UNIVERSITY OF COLORADO DENVER	CO	R21AI088421	MODULATION OF PLCGAMMA2-MEDIATED SIGNALING VIA ITS C2-DOMAIN IN B LYMPHOCYTES	\$229,563
2010	COLORADO STATE UNIVERSITY	CO	U01AI088647	Sustainable Control of Aedes aegypti and epidemic dengue	\$646,884
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$373,909
2010	NATIONAL JEWISH HEALTH	CO	R01AI018785	Characteristics of T Cell Receptors	\$340,633
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$396,344
2010	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$463,381
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$397,842
2010	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$365,498
2010	COLORADO STATE UNIVERSITY	CO	R01AI073255	HUMANIZED RAG2-/-GAMMAC-/-MICE FOR HIV INFECTION AND GENE THERAPY	\$356,913
2010	UNIVERSITY OF COLORADO DENVER	CO	U01AI084735	CELLULAR PHARMACOLOGY OF TENOFOVIR AND EMTRICITABINE FOR HIV PROPHYLAXIS	\$648,063
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI087256	HIV BIOLOGY AND PATHOGENESIS	\$20,000
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI084376	NF-KAPPAB IN INFLAMMATION AND DISEASE	\$8,000
2010	UNIVERSITY OF COLORADO DENVER	CO	K24AI078004	Analysis of Lupus Susceptibility Genes for Treatment and Prevention of Disease	\$147,030
2010	COLORADO STATE UNIVERSITY	CO	R13AI093009	WORLD MELIOIDOSIS CONGRESS 2010	\$15,000
2010	UNIVERSITY OF COLORADO DENVER	CO	R56AI081872	MOLECULAR BASIS OF BACTERIAL QUORUM SENSING GENE REGULATION	\$403,921

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI073945	FUNCTIONAL ANERGY IN B CELLS	\$386,100
2010	UNIVERSITY OF COLORADO DENVER	CO	R37AI015940	IRON AND O2 IN THE REGULATION OF P. AERUGINOSA VIRULENCE	\$578,806
2010	NATIONAL JEWISH HEALTH	CO	R01AI070175	EFFECTS OF ALLERGIC INFLAMMATION ON TLR2 SIGNALING AND MYCOPLASMA INFECTION	\$386,100
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085738	TOLERANCE AND AUTOIMMUNITY	\$8,000
2010	NATIONAL JEWISH HEALTH	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$468,919
2010	INVIRAGEN LLC	CO	R44AI061940	CLINICAL DEVELOPMENT OF COMBINATION PLAGUE/SMALLPOX VACCINE	\$999,900
2010	PRECISION PHOTONICS CORP	CO	R43AI091097	MULTIPLE ANTIGEN POINT-OF-CARE DEVICE FOR IMPROVED SYPHILIS DIAGNOSIS	\$0
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085778	CELL BIOLOGY OF VIRUS ENTRY, REPLICATION AND PATHOGENESIS	\$14,500
2010	NATIONAL JEWISH HEALTH	CO	R01AI081878	Regulation of B Cell Identity and Lineage Progression	\$390,000
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$306,167
2010	UNIVERSITY OF COLORADO DENVER	CO	U19AI066328	Colorado Hepatitis C Cooperative Research Center	\$796,875
2010	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI076287	DISCOVERY OF INHIBITORS OF DNA REPLICATION IN GRAM-POSITIVE BACTERIA	\$370,874
2010	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$438,383
2010	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084301	GM-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$299,943
2010	CORGENIX MEDICAL CORPORATION	CO	R43AI088843	RECOMBINANT ANTIGEN DIAGNOSTICS FOR FILOVIRUSES	\$295,123
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI087261	HIV VACCINES	\$15,000
2010	UNIVERSITY OF COLORADO DENVER	CO	K24AI083742	MIDCAREER INVESTIGATOR AWARD IN PATIENT -ORIENTED RESEARCH (K24)	\$191,392
2010	UNIVERSITY OF COLORADO DENVER	CO	R03AI090401	DEVELOPMENT OF NOVEL DIABETES AUTOANTIBODY ASSAYS BASED ON LUCIFERASE REPORTERS	\$76,520
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI052164	REDEFINING THE MAJOR PEANUT ALLERGENS	\$392,212
2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$368,875
2010	COLORADO STATE UNIVERSITY	CO	R01AI063054	MODE OF ACTION OF THIORCARLIDE IN MYCOBACTERIUM TUBERCULOSIS	\$363,825
2010	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$7,842,322
2010	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$119,673

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2010	UNIVERSITY OF COLORADO DENVER	CO	R01AI067296	DESIGN OF NEW ANTIMICROBIALS	\$364,600
2010	UNIVERSITY OF COLORADO DENVER	CO	R21AI075177	STRUCTURAL STUDIES OF THE EARLY B-CELL FACTOR (EBF)	\$227,254
2010	COLORADO SCHOOL OF MINES	CO	R01AI079347	HIGH-THROUGHPUT CELL MECHANICAL PROPERTY TESTING FOR LABEL-FREE ASSAYING	\$311,245
2010	MBIO DIAGNOSTICS INC	CO	R44AI070052	LOW COST LASER DIAGNOSTIC FOR CD4+ T CELL COUNTING	\$532,998
2010	NATIONAL JEWISH HEALTH	CO	K23AI083792	Bacteria in Lower Airways and Airway Inflammation in Children with Asthma	\$125,172
2010	COLORADO STATE UNIVERSITY	CO	R01AI083368	YELLOW FEVER/DENGUE VIRUS COMPETENCE IN AEDES AEGYPTI AEGYPTI/FORMOSUS IN SENEGAL	\$361,210
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI091178	IMMUNOLOGICAL MECHANISMS OF VACCINATION	\$10,000
2010	UNIVERSITY OF COLORADO DENVER	CO	K22AI079163	PATHOGENESIS OF ARTHRITIS AND MYOSITIS-ASSOCIATED ALPHAVIRUSES	\$107,011
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085791	THE MACROPHAGE: INTERSECTION OF PATHOGENIC AND PROTECTIVE INFLAMMATION	\$7,000
2010	TAIGA BIOTECHNOLOGIES INC	CO	R43AI089307	MOLECULAR BASED STRATEGIES TO GENERATE PROTECTIVE IMMUNE RESPONSES TO HIV-1	\$171,767
2010	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R03AI085251	MECHANISMS OF PSEUDOMONAS PQSR ACTIVATION BY BACTERIAL AND HOST SIGNALS	\$75,750
2010	COLORADO STATE UNIVERSITY	CO	R01AI084411	TARGETING MRAY: SYNTHESIS AND VALIDATION OF MRAY INHIBITORS	\$367,500
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI088818	BIOACTIVE LIPIDS: BIOCHEMISTRY AND DISEASES	\$3,000
2010	COLORADO STATE UNIVERSITY	CO	R21AI081959	INDUCTION OF REGULATORY T CELLS BY HIGHLY VIRULENT ISOLATES OF M.TUBERCULOSIS	\$183,750
2010	NATIONAL JEWISH HEALTH	CO	P01AI022295	ANTIGEN RECOGNITION BY LYMPHOCYTES	\$1,349,234
2010	NATIONAL JEWISH HEALTH	CO	F32AI074275	THE USE OF SOLUBLE T CELL RECEPTORS TO IDENTIFY LIGANDS FOR GAMMA/DELTA T CELLS	\$52,154
2010	UNIVERSITY OF COLORADO DENVER	CO	K24AI074343	INTERFACE OF INNATE AND ADAPTIVE IMMUNITY IN HIV-1 INFECTION	\$130,359
2010	NATIONAL JEWISH HEALTH	CO	R01AI054661	FUNCTION AND REGULATION OF EARLY B CELL FACTOR (EBF)	\$378,765
2010	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$294,000
2010	INDEVR LLC	CO	U01AI070276	ADVANCED MICROARRAY TECHNOLOGY FOR PATHOGEN SURVEILLANCE	\$457,039

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2010	MBIO DIAGNOSTICS INC	CO	R44AI068543	LOW COST MULTI-PATHOGEN LASER DIAGNOSTIC FOR HIV AND AIDS CO-INFECTIONS	\$1,082,148
2010	COLORADO STATE UNIVERSITY	CO	R01AI073298	RNAI AS A MODULATOR OF ARBOVIRUS VECTOR COMPETENCE IN TRANSGENIC AEADES AEGYPTI	\$285,530
2010	COLORADO STATE UNIVERSITY	CO	U01AI070456	RESPONSE THERAPIES FOR MDR-TB	\$1,259,826
2010	COLORADO STATE UNIVERSITY	CO	R21AI080567	USE OF CELL PHONES FOR FIELD DATA CAPTURE IN A DENGUE DECISION SUPPORT SYSTEM	\$191,117
2010	COLORADO STATE UNIVERSITY	CO	R01AI080486	CHROMOSOMAL ALTERATIONS IN BASIC MECHANISMS OF RADIATION INJURY	\$365,033
2010	UNIVERSITY OF COLORADO DENVER	CO	R21AI083615	MUCOSAL IMMUNE ONTOGENY AND INTESTINAL MICROBIOTA IN INFANTS	\$208,539
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI085592	LYMPHOCYTE ACTIVATION AND GENE EXPRESSION	\$5,000
2010	INVIRAGEN LLC	CO	R43AI084291	SECOND GENERATION DENGUE VACCINE	\$299,993
2010	NATIONAL JEWISH HEALTH	CO	R03AI088408	A REPORTER FOR MUTANT AUTOREACTIVE B CELLS	\$78,000
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI088817	MOLECULAR TARGETS FOR CONTROL OF VECTOR-BORNE DISEASES: BRIDGING LAB AND FIELD R	\$12,500
2010	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI088816	MALARIA: NEW APPROACHES TO UNDERSTANDING HOST-PARASITE INTERACTIONS	\$11,500
2010	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI090424	DEVELOPMENT OF A SUBLINGUAL MEASLES VACCINE	\$191,823
2010	YALE UNIVERSITY	CT	R01AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$706,501
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI051583	ROLE OF IL-15 IN CD8 T CELL DEVELOPMENT AND RESPONSE	\$366,300
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$550,715
2010	YALE UNIVERSITY	CT	R01AI056333	SMALL RNAS AND THEIR ROLE IN TRYPANOSOME BIOLOGY	\$368,651
2010	YALE UNIVERSITY	CT	P01AI039671	Costimulatory Mechanisms of Autoimmunity (Composite)	\$2,220,927
2010	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$357,579
2010	YALE UNIVERSITY	CT	R01AI032947	BORRELIA BURGdorFERI INTERACTIONS WITH IxODES SCAPULARIS	\$396,397
2010	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$413,750
2010	YALE UNIVERSITY	CT	R01AI065029	FUNCTIONAL AND STRUCTURAL STUDIES OF CD74 ACTIVATION	\$390,178

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	YALE UNIVERSITY	CT	K08AI078533	ELUCIDATING FUNCTIONAL PROPERTIES OF MEMORY B CELLS	\$134,730
2010	YALE UNIVERSITY	CT	R03AI080993	CHARACTERIZATION OF AN ANAPLASMA PHAGOCYTOPHILUM PROTEIN INTERFERING WITH EUKARYO	\$81,923
2010	YALE UNIVERSITY	CT	K08AI071074	THE REGULATION OF PSEUDOMONAS AERUGINOSA SURFACE COLONIZATION	\$131,895
2010	YALE UNIVERSITY	CT	K99AI087963	MOLECULAR AND CELLULAR CHARACTERIZATION OF HOST RESPONSE PATHWAYS TRIGGERED BY VA	\$94,770
2010	UNIVERSITY OF CONNECTICUT	CT	R01AI068761	MALARIA VACCINE BASED ON SELF-ASSEMBLING POLYPEPTIDE NANOPARTICLES (SAPN)	\$497,236
2010	ARTIFICIAL CELL TECHNOLOGIES INC	CT	R43AI091089	SYNTHETIC NANOCAPSULE MALARIA VACCINES	\$300,000
2010	YALE UNIVERSITY	CT	R01AI087925	Molecular determinants of hepatitis C virus assembly	\$413,750
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R03AI085248	TRANSIT OF BORRELIA BURGDORFERI THROUGH THE IXODES SCAPULARIS MIDGUT PROCEEDS IN	\$76,500
2010	YALE UNIVERSITY	CT	R01AI084140	A MULTIPRONGED, PROTEIN DEGRADATION-BASED APPROACH TO INHIBIT HIV TRANSMISSION	\$461,265
2010	YALE UNIVERSITY	CT	R01AI081825	INNATE IMMUNE RESPONSES TO TYPE 3 SECRETION SYSTEM COMPONENTS AND EFFECTORS	\$430,146
2010	YALE UNIVERSITY	CT	R01AI089826	Structure and function of the HCV replication complex	\$602,418
2010	LIFEPHARMS INC	CT	R43AI082796	NUCLEOSIDE HYDROLASE INHIBITORS FROM NATURAL PRODUCTS FOR LEISHMANIA	\$211,698
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI071213	ANTIGEN PRESENTATION AFTER INFLUENZA VIRUS INFECTION	\$359,341
2010	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$409,613
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$366,300
2010	YALE UNIVERSITY	CT	R01AI043594	RNA CAPPING IN TRYPANOSOMES	\$409,613
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$279,135
2010	YALE UNIVERSITY	CT	R37AI040357	DEVELOPMENT OF VSV/HIV RECOMBINANTS AS HIV VACCINES	\$327,690
2010	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$417,836
2010	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$385,461
2010	YALE UNIVERSITY	CT	R01AI041699	GENETIC ANALYSIS OF LEGIONELLA PHAGOSOME TRAFFICKING	\$418,629
2010	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$123,989

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	YALE UNIVERSITY	CT	R01AI082030	THE ROLE OF BCL-RAMBO IN THYMIC INVOLUTION	\$409,613
2010	YALE UNIVERSITY	CT	R01AI079222	Fcgamma mediated regulation of dendritic cell function	\$409,613
2010	YALE UNIVERSITY	CT	R01AI089771	Role of basophils in initiating Th2 immune responses	\$413,292
2010	YALE UNIVERSITY	CT	R01AI080850	IN VIVO IMAGING OF T AND B CELL INTERACTIONS IN GERMINAL CENTER INITIATION	\$409,613
2010	YALE UNIVERSITY	CT	T32AI089704	Human and Translational Immunology	\$114,050
2010	YALE UNIVERSITY	CT	R37AI023081	ROLE OF ENDOCYTOSIS IN CELL RECOGNITION	\$385,463
2010	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$582,754
2010	YALE UNIVERSITY	CT	R03AI081047	DEVELOPMENT OF A FLAVIVIRUS E PROTEIN FUSION LOOP VACCINE	\$82,750
2010	YALE UNIVERSITY	CT	R01AI041440	Interactions Between Anaplasma Phagocytophilum and Ixodes Scapularis	\$413,750
2010	YALE UNIVERSITY	CT	K08AI074404	HIV NUCLEOSIDE ANALOGS TRANSLATIONAL STUDIES: RESISTANCE AND METABOLISM	\$125,820
2010	YALE UNIVERSITY	CT	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$848,779
2010	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$409,613
2010	UNIVERSITY OF CONNECTICUT	CT	R01AI073375	TARGETING BACILLUS DHFR: STRUCTURAL STUDIES AND SYNTHESIS OF INHIBITORS	\$330,931
2010	YALE UNIVERSITY	CT	F32AI077267	MOLECULAR CHARACTERIZATION OF A HOOKWORM MACROPHAGE MIGRATION INHIBITORY FACTOR	\$55,970
2010	YALE UNIVERSITY	CT	R01AI082295	REGULATION OF CXCR4 BY COGNATE AND NON-COGNATE LIGANDS	\$403,128
2010	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$504,135
2010	YALE UNIVERSITY	CT	R01AI085798	Real-time Imaging Analysis of Vector-borne Lyme Borreliosis Pathogenesis & Persis	\$413,750
2010	YALE UNIVERSITY	CT	R21AI083242	NLR CONTROL OF ANTIVIRAL DEFENSE IN THE RESPIRATORY MUCOSA	\$204,806
2010	LIFEPHARMS INC	CT	R43AI084294	DISCOVERY OF NOVEL AGENTS AGAINST M. TUBERCULOSIS.	\$300,000
2010	YALE UNIVERSITY	CT	K08AI085038	Role of the Nlrp3 Inflammasome in Adaptive Immunity	\$133,515
2010	YALE UNIVERSITY	CT	F32AI091024	ANTIGEN-SPECIFIC CD8 T CELL MIGRATION AND PROTECTIVE IMMUNITY IN PERMISSIVE AND R	\$45,590
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI090166	PHAGOSOMAL SIGNALS SHAPE INFLAMMATORY RESPONSES TO BORRELIA BURGDORFERI	\$415,560

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2010	YALE UNIVERSITY	CT	R56AI084964	HOST FACTORS INVOLVED IN LISTERIA MONOCYTOGENES SPREAD FROM CELL TO CELL	\$413,305
2010	YALE UNIVERSITY	CT	R56AI062428	ANTIVIRAL CTL MOBILIZATION TO THE GENITAL MUCOSA	\$403,434
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI037549	HSV 1 PROCESSING/PACKAGING GENES	\$312,805
2010	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$409,613
2010	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$398,720
2010	YALE UNIVERSITY	CT	U01AI070343	IMMUNOTHERAPEUTICS FOR TREATMENT OF FLAVIVIRUS INFECTION	\$1,333,412
2010	YALE UNIVERSITY	CT	T32AI007640	Predocctoral Training Program in Microbial Pathogenesis	\$226,168
2010	YALE UNIVERSITY	CT	R01AI068041	IFN-y-inducible GBPs in protective immunity to tuberculosis	\$312,141
2010	YALE UNIVERSITY	CT	R21AI087467	A NOVEL TRIM PROTEIN INVOLVED IN INNATE IMMUNITY	\$248,250
2010	YALE UNIVERSITY	CT	R01AI030492	Molecular Genetic Analysis of Salmonella Cell Invasion	\$490,357
2010	YALE UNIVERSITY	CT	K22AI085112	A. GAMBIAE THIOESTER-CONTAINING PROTEIN 1 (TEP1) PROTEIN-PROTEIN INTERACTIONS	\$162,000
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$366,300
2010	YALE UNIVERSITY	CT	R01AI064660	ROLE OF INNATE IMMUNITY IN TRANSPLANTATION TOLERANCE	\$308,369
2010	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	\$350,860
2010	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$321,464
2010	YALE UNIVERSITY	CT	R01AI075133	STRUCTURAL BASIS OF JAK3-MEDIATED INTERLEUKIN-2 FAMILY SIGNAL TRANSDUCTION	\$443,161
2010	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$390,178
2010	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$584,871
2010	YALE UNIVERSITY	CT	F32AI085767	USING VSV VECTORS TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST SIV ENVELOPE.	\$50,474
2010	YALE UNIVERSITY	CT	U19AI082713	YALE AUTOIMMUNITY CENTER OF EXCELLENCE	\$737,303
2010	YALE UNIVERSITY	CT	R21AI077603	TRANSCRIPTIONAL REGULATORS OF THE MALARIAL VAR MULTIGENE FAMILY	\$258,954
2010	L2DIAGNOSTICS, LLC	CT	R43AI085725	A SEROLOGIC ASSAY TO MEASURE SUCCESSFUL LYME BORRELIOSIS ANTIBIOTIC THERAPY	\$278,455
2010	CIENCIA, INC	CT	R44AI066482	PROTEIN MICROARRAY SYSTEM FOR RHEUMATOID ARTHRITIS	\$529,373

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2010	YALE UNIVERSITY	CT	R01AI091568	ACE: Investigation of Innate Immunity in Multiple Sclerosis	\$331,000
2010	YALE UNIVERSITY	CT	R01AI089824	TAM receptor tyrosine kinases in inflammatory boweldisease	\$420,003
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R00AI080868	VISUALIZING ENDOGENOUS CD8 T CELL MIGRATION TO INFECTION	\$249,000
2010	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$409,613
2010	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI073299	MECHANISM AND IN VIVO ANTI-HBV STUDY OF A NOVEL CLASS OF NON-NUCLEOSIDE COMPOUNDS	\$361,647
2010	YALE UNIVERSITY	CT	R01AI048854	CYTOMEGALOVIRUS IN THE BRAIN	\$390,178
2010	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$351,160
2010	CONNECTICUT CHILDREN'S MEDICAL CENTER	CT	K08AI071918	MATERNAL INFLUENCE ON THE DEVELOPMENT OF ALLERGY IN OFFSPRING	\$126,393
2010	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$95,966
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI077283	GP96, TLR AND IMMUNOLOGIC TOLERANCE	\$0
2010	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$989,745
2010	YALE UNIVERSITY	CT	F31AI084500	INFECTION AND CD8 T CELL MEMORY: DEVELOPMENT, MAINTENANCE AND PLASTICITY	\$41,380
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$366,300
2010	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	\$383,304
2010	YALE UNIVERSITY	CT	R01AI084096	TARGETING HIV CELL-TO-CELL TRANSMISSION	\$529,040
2010	YALE UNIVERSITY	CT	U01AI088752	Disease Determinants of Urban Leptospirosis	\$749,874
2010	YALE UNIVERSITY	CT	R56AI087725	INTEGRATION OF CYTOKINE RECEPTORS AND IMMUNORECEPTORS SIGNALING PATHWAYS	\$413,750
2010	YALE UNIVERSITY	CT	R01AI068043	MOLECULAR EPIDEMIOLOGIC IDENTIFICATION OF PNEUMOCOCCAL TISSUE SPECIFIC GENES	\$571,527
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI078289	ROLE OF CD11C IN CD8 T CELL RESPONSE TO INFECTION	\$471,032
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$487,308
2010	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$758,068
2010	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$225,963
2010	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$462,943
2010	YALE UNIVERSITY	CT	R01AI064559	MODULATION OF HOST CELL FUNCTIONS BY COXIELLA BURNETII	\$346,916

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	YALE UNIVERSITY	CT	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$248,250
2010	YALE UNIVERSITY	CT	T32AI055403	Predoctoral Training Program in Virology	\$163,668
2010	YALE UNIVERSITY	CT	R01AI068814	JAK/STAT SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$321,464
2010	YALE UNIVERSITY	CT	R01AI080781	Novel vaccines for broad protection against avian influenza	\$409,613
2010	YALE UNIVERSITY	CT	R21AI088366	STRUCTURAL STUDIES OF THE MHC CLASS I PEPTIDE LOADING COMPLEX	\$206,875
2010	YALE UNIVERSITY	CT	R33AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$382,348
2010	YALE UNIVERSITY	CT	R01AI083146	Exploring Novel Targeting Strategies for AIDS Protozoal Pathogens	\$413,750
2010	YALE UNIVERSITY	CT	R37AI028798	RNA METABOLISM IN TRYPANOSOMES	\$766,131
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$542,241
2010	YALE UNIVERSITY	CT	R01AI075157	DISSECTING THE ROLE FOR IL-15 IN CD8+ T CELL HOMEOSTASIS IN HUMAN LUPUS	\$409,613
2010	YALE UNIVERSITY	CT	R01AI073722	ACTIVATION AND REGULATION OF AUTOREACTIVE B CELLS IN HEALTH AND DISEASE	\$533,065
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	T32AI007080	BASIC IMMUNOLOGY AND IMMUNOLOGIC CELL INJURY	\$163,737
2010	YALE UNIVERSITY	CT	R01AI055502	TOLL PATHWAY & CONTROL OF ADAPTIVE IMMUNE RESPONSES	\$451,698
2010	YALE UNIVERSITY	CT	R01AI069396	TH2 RESPONSES IN THE CUTANEOUS ENVIRONMENT	\$346,916
2010	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$385,463
2010	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$327,690
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$382,500
2010	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$551,623
2010	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$0
2010	YALE UNIVERSITY	CT	R01AI079022	VIRULENCE FACTORS OF SALMONELLA TYPHI	\$409,613
2010	YALE UNIVERSITY	CT	R01AI076259	MOLECULAR DETERMINANTS OF HEPATITIS C VIRUS INFECTIVITY	\$409,613
2010	YALE UNIVERSITY	CT	F31AI081516	T B CELL HELPERS IN IMMUNITY & AUTOIMMUNITY:DEVELOPMENT MAINTENANCE AND MIGRATION	\$41,380
2010	ACHILLION PHARMACEUTICALS INC	CT	R43AI085797	NOVEL ANTIBACTERIAL AGENTS THAT TARGET DNA REPLICATION IN MYCOBACTERIUM TUBERCULO	\$300,000

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2010	YALE UNIVERSITY	CT	R01AI084958	Mechanisms of Autoimmune Activation and Regulation by Innate Immune Receptors	\$135,568
2010	YALE UNIVERSITY	CT	F32AI085712	ROLE OF MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) IN THE PATHOGENESIS OF TUBER	\$61,790
2010	YALE UNIVERSITY	CT	R01AI081884	Autophagy in Antiviral Immunity	\$392,463
2010	YALE UNIVERSITY	CT	R21AI088312	IDENTIFICATION OF HUMAN HOST FACTORS INVOLVED IN CHLAMYDIA DEVELOPMENT	\$248,250
2010	AFFOMIX CORPORATION	CT	R43AI085700	A BIFUNCTIONAL ANTIBODY SCREENING SYSTEM FOR BOTH PHAGE DISPLAY AND YEAST TWO-HYB	\$200,035
2010	YALE UNIVERSITY	CT	R21AI090563	CRYSTAL STRUCTURES OF CXCR4 COMPLEXED TO CXCL12	\$248,250
2010	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI085850	10TH ASM CONFERENCE ON CANDIDA AND CANDIDIASIS	\$15,000
2010	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI088819	3RD ASM CONFERENCE ON ENTEROCOCCI	\$12,000
2010	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$33,300
2010	US NAVAL RESEARCH LABORATORIES	DC	U01AI075489	PARTNERSHIP FOR DETECTION OF INFECTION BY CATEGORY B PATHOGENS	\$748,258
2010	GEORGETOWN UNIVERSITY	DC	F31AI078714	ANALYSIS OF SENSE AND ANTISENSE TRANSCRIPTS DURING THE GIARDIA LAMBLIA LIFECYCLE	\$29,700
2010	CHILDREN'S RESEARCH INSTITUTE	DC	R33AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$478,986
2010	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI090571	IDENTIFICATION OF ANTIGENS FOR ANTI-HIV BROADLY NEUTRALIZING RESPONSES	\$585,343
2010	GEORGETOWN UNIVERSITY	DC	R01AI064706	ROLE OF PARP-1 IN MEDIATING INFLAMMATORY GENE TRANSCRIPTION	\$292,715
2010	GEORGETOWN UNIVERSITY	DC	R03AI081033	MICRORNAS IN GIARDIA PATHOGENESIS	\$75,983
2010	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Womens Interagency HIV/AIDS Study	\$2,644,545
2010	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$25,000
2010	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI082086	MULTIVALENT PLAGUE, ANTHRAX VACCINES USING BACTERIOPHAGE T4 DISPLAY	\$251,990
2010	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$341,921
2010	GEORGETOWN UNIVERSITY	DC	R21AI081041	MASSIVELY PARALLEL SEQUENCING OF THE DIAPAUSE TRANSCRIPTOME IN Aedes ALBOPICTUS	\$150,647
2010	GEORGETOWN UNIVERSITY	DC	R56AI090157	HEPATITIS DELTA VIRUS RNA-PROTEIN COMPLEXES	\$352,060
2010	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$144,323
2010	Florida State University	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$408,547

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2010	UNIVERSITY OF FLORIDA	FL	R01AI047859	ANTIGENS OF THE RNA-INDUCED SILENCING COMPLEX IN AUTOIMMUNITY	\$455,575
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI035272	LIPID STORAGE AND MOBILIZATION IN M. TUBERCULOSIS AS ANTILATENCY DRUGS TARGETS	\$374,411
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073783	TOXIN THERMAL INSTABILITY AND ITS ROLE IN HOST-TOXIN INTERACTIONS	\$344,773
2010	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$362,588
2010	UNIVERSITY OF FLORIDA	FL	R01AI073674	MECHANISM OF TRYPANOSOMA CRUZI'S TRANSSIALIDASE IN CHAGAS' DISEASE	\$237,796
2010	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$378,675
2010	UNIVERSITY OF FLORIDA	FL	R01AI078967	TAILORING AAV VECTORS FOR GLIOMA IMMUNOTHERAPY	\$362,588
2010	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$358,685
2010	Florida State University	FL	R01AI079150	Cyclosporine, Cyclophilins and HCV Replication	\$324,543
2010	NANOTHERAPEUTICS INC	FL	R43AI081394	DEVELOPMENT OF A SYNTHETIC TYPHOID FEVER VACCINE AS A SUBSTITUTION OF VI VACCINE	\$299,614
2010	UNIVERSITY OF MIAMI	FL	R21AI088511	BTK SIGNALING IN B CELL SURVIVAL BY BAFF-R	\$229,500
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI038178	REGULATION OF VIRULENCE FACTORS IN BARTONELLA HENSELAE	\$327,443
2010	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$294,512
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI047723	IMPACT OF HIV-1 GENOTYPE ON THERAPY RESPONSE IN CHILDREN	\$447,567
2010	UNIVERSITY OF FLORIDA	FL	R01AI064891	ANTHRAX TOXINS IMPAIR PHAGOCYTE ACTIN-BASED MOTILITY	\$235,544
2010	FLORIDA INTERNATIONAL UNIVERSITY	FL	SC1AI081376	REGULATION OF P. AERUGINOSA POXB OXACILLINASE BY AMPR AND A TWO-COMPONENT SYSTEM	\$311,850
2010	UNIVERSITY OF MIAMI	FL	U01AI083015	EVALUATION OF NOVEL DEXD/H HELICASES IN INNATE IMMUNE SIGNALING	\$370,840
2010	UNIVERSITY OF MIAMI	FL	R21AI087385	OLIGONUCLEOTIDE APTAMER LIGANDS TO REVERSE T CELL ANERGY IN HIV-INFECTED PATIENTS	\$191,250
2010	Florida State University	FL	P01AI074805	M TUBERCULOSIS MEMBRANE PROTEIN PHARMACEUTICAL TARGETS	\$1,713,056
2010	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI082685	Elucidating the Function of PKC-theta in Alloreactivity and GVHD	\$417,500
2010	UNIVERSITY OF MIAMI	FL	R01AI065723	IMMUNOLOGIC MECHANISMS, BIOMARKERS AND SUBSETS IN CHRONIC FATIGUE SYNDROME (CFS)	\$371,481
2010	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$382,500

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2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI060753	NASAL CARRIAGE OF S. AUREUS: HOST-PATHOGEN INTERACTIONS	\$303,419
2010	UNIVERSITY OF FLORIDA	FL	R01AI068965	GENETIC DISSECTION OF SLE2 CONTRIBUTION TO SLE PATHOGENESIS	\$338,453
2010	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$424,600
2010	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$336,738
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$697,044
2010	UNIVERSITY OF MIAMI	FL	R01AI077501	ROLE OF IL21 IN HIV INFECTION	\$378,675
2010	UNIVERSITY OF FLORIDA	FL	R01AI079014	Vesicle Trafficking and Bacteria Invasion	\$366,250
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI090350	THE ROLE OF EXTRACELLULAR PROTEASES IN CA-MRSA INFECTIONS	\$183,750
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI090561	TOPICAL CHARGE DRIVEN DNA DELIVERY TO THE SKIN	\$183,750
2010	UNIVERSITY OF MIAMI	FL	R01AI039575	CONTROL OF VIRULENCE PROTEIN EXPORT IN YERSINIA PESTIS	\$371,481
2010	UNIVERSITY OF FLORIDA	FL	R01AI039126	FOAMY VIRUS VECTOR FOR IMMUNODEFICIENCY VIRUSES THERAPY	\$320,129
2010	UNIVERSITY OF FLORIDA	FL	R01AI034276	LISTERIA AND SHIGELLA USE ACTIN TO SPREAD CELL TO CELL	\$350,254
2010	UNIVERSITY OF MIAMI	FL	U01AI069477	MIAMI HIV/AIDS CLINICAL THERAPEUTIC AND VACCINE TRIAL UNIT	\$1,337,183
2010	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$366,250
2010	UNIVERSITY OF FLORIDA	FL	R01AI077583	THE INTERACTION OF CHLAMYDIA WITH THE HOST CYTOSKELETON	\$362,588
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI072465	MAPPING PROTEIN INTERACTIONS BETWEEN FILARIA AND ITS WOLBACHIA ENDOSYMBIONT	\$404,048
2010	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI084557	BIOCHEMICAL CHARACTERIZATION OF CYTOCHROME B5 REDUCTASE IN CANDIDA ALBICANS	\$33,167
2010	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$1,891,104
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	K22AI081730	DETERMINATION OF THE GENETIC BASIS OF BORRELIA BURGDORFERI MAMMALIAN INFECTIVITY	\$157,878
2010	UNIVERSITY OF FLORIDA	FL	F31AI071353	TYPE I INTERFERON RESPONSES TO HEPATITIS C VIRUS	\$34,479
2010	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$369,047
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$380,750
2010	Florida State University	FL	R01AI055461	HIV AND SIV ENVELOPE GLYCOPROTEINS	\$349,135

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2010	UNIVERSITY OF MIAMI	FL	R01AI060729	STAGE-SPECIFIC SIGNALING IN PERIPHERAL B CELL SELECTION	\$360,708
2010	UNIVERSITY OF FLORIDA	FL	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	\$284,130
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073795	CHEMICAL GENETICS OF PLASMODIUM KINASES	\$352,555
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	K22AI081729	STRUCTURE-FUNCTION RELATIONSHIPS OF CHLAMYDIA TRACHOMATIS TARP & BINDING PROTEINS	\$155,325
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$198,713
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R03AI083904	UNCOVERING CO-STIMULATORY T CELL HELP DEFECTS IN COMMON VARIABLE IMMUNODEFICIENCY	\$72,765
2010	UNIVERSITY OF MIAMI	FL	R21AI088601	TARGETED SIRNA DELIVERY AS AN ANTI-HIV MICROBICIDE	\$189,482
2010	UNIVERSITY OF FLORIDA	FL	R01AI015539	MOLECULAR BIOLOGY OF POLIOVIRUS RNA REPLICATION	\$343,262
2010	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$981,423
2010	UNIVERSITY OF FLORIDA	FL	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	\$131,652
2010	UNIVERSITY OF MIAMI	FL	R33AI073234	INDUCTION OF MUCOSAL SIV IMMUNITY IN NON HUMAN PRIMATES BY SECRETED HSP-GP96	\$454,410
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI080626	Characterization of S in the stress & virulence responses of S. aureus	\$330,750
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI079706	DEVELOPMENT OF STREAMED ION DEPOSITION FOR EFFICIENT PLASMID DNA DELIVERY	\$208,750
2010	UNIVERSITY OF MIAMI	FL	U01AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$782,033
2010	UNIVERSITY OF MIAMI	FL	R01AI044923	REGULATION OF MURINE NEONATAL TH2 FUNCTION	\$360,708
2010	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$462,770
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI052017	RETROCYCLINS: CIRCULAR DEFENSINS ACTIVE AGAINST HIV-1	\$339,225
2010	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$394,434
2010	UNIVERSITY OF MIAMI	FL	R01AI046689	ALLOGENEIC MIHA INDUCED MARROW ALLOGRAFT RESISTANCE	\$438,458
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$291,060
2010	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI078376	MARINE NATURAL PRODUCTS AS ANTIMALARIALS	\$213,469

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2010	UNIVERSITY OF MIAMI	FL	R21AI083461	THE DEVELOPING INTESTINAL IMMUNE SYSTEM IN YERSINIA ENTEROCOLITICA INFECTION	\$189,338
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$367,500
2010	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$80,238
2010	UNIVERSITY OF FLORIDA	FL	R01AI056152	STUDY OF GAMMA INTERFERON AGONISTS/MIMETICS	\$362,588
2010	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$408,807
2010	UNIVERSITY OF FLORIDA	FL	R01AI058256	VIRAL-BASED CHEMOKINE RECEPTOR ANTAGONISTS	\$402,872
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	\$566,592
2010	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$561,004
2010	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI077662	ESSENTIAL CELL CYCLE MECHANISMS IN TOXOPLASMA	\$364,246
2010	HEAT BIOLOGICS INC	FL	R43AI085929	DEVELOPMENT OF ANTI-HUMAN TL1A MONOCLONAL ANTIBODY FOR THE TREATMENT OF HUMAN AST	\$300,000
2010	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,177,132
2010	EMORY UNIVERSITY	GA	U01AI077821	DEVELOPMENT OF TRANSPLANT STRATEGIES UNIQUELY RESPONSIVE TO THE NEEDS OF CHILDREN	\$1,025,475
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI022070	IMMUNOREGULATION IN EXPERIMENTAL CHAGAS DISEASE	\$358,127
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI053695	Determinants of resistance in human schistosomiasis	\$581,947
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068647	THE CONTRACTILE VACUOLE OF TRYPANOSOMA CRUZI	\$385,073
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI063523	BIOSYNTHESIS AND FUNCTION OF BASE J	\$312,967
2010	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$435,600
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K02AI065795	PATHOGENESIS OF MUMPS VIRUS	\$103,842
2010	EMORY UNIVERSITY	GA	T32AI007470	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$361,277
2010	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	U01AI083005	MANIPULATING NATURAL HOST IMMUNOREGULATION VIA IDO DURING VIRAL INFECTION	\$2,944,781
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$658,661

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2010	EMORY UNIVERSITY	GA	R21AI081217	CROSS-SPECIES MICROARRAY-BASED GENOMIC SELECTION: APPLICATION TO NONHUMAN PRIMATE	\$191,813
2010	EMORY UNIVERSITY	GA	R03AI076640	THE ROLE OF CYTOMEGALOVIRUS ANTI-APOPTOTIC PROTEINS IN REPLICATION IN MACROPHAGES.	\$76,725
2010	EMORY UNIVERSITY	GA	K01AI087724	Effect of Nutrition, Immunity, and Vaccines on Pediatric Enteric Infections	\$117,196
2010	EMORY UNIVERSITY	GA	R56AI083402	CRYO-ELECTRON AND BIOCHEMICAL ANALYSIS OF NATIVE PARAMYXOVIRUS FUSION COMPLEXES	\$379,906
2010	EMORY UNIVERSITY	GA	R01AI069987	NOVEL HIV-1 VACCINE CANDIDATES USING NEWLY TRANSMITTED CLADE C ENV S AS IMMUNOGENS	\$369,295
2010	EMORY UNIVERSITY	GA	R01AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$357,984
2010	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$306,602
2010	EMORY UNIVERSITY	GA	R01AI068003	NOVEL VLP VACCINES FOR PANDEMIC INFLUENZA VIRUS	\$517,585
2010	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI064817	DIRECTED EVOLUTION OF ENZYMES THROUGH GENETIC SELECTION	\$314,517
2010	EMORY UNIVERSITY	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$360,179
2010	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI079277	VISUALIZATION OF INDIVIDUAL FOXP3+ T CELLS DURING AN ONSET AND PROGRESSION OF AUT	\$363,825
2010	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$595,263
2010	EMORY UNIVERSITY	GA	U01AI089317	CLINICAL REFINEMENT OF ISLET TRANSPLANTATION	\$1,254,896
2010	EMORY UNIVERSITY	GA	R01AI090797	MECHANISMS OF SIV SUPPRESSION BY CD8+ LYMPHOCYTES	\$842,716
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI088744	RSV Nanocapsule Vaccine Engineered with a G Protein Peptide Payload	\$593,052
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI078096	EXPLORING CRITICAL COMPONENTS FOR MUTS ACTIVITY IN HELICOBACTER PYLORI	\$185,625
2010	EMORY UNIVERSITY	GA	U01AI090956	Neonatal Porcine Islet Xenografts for the Treatment of Type 1 Diabetes	\$966,935
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R13AI088794	18TH CONGRESS OF THE INTERNATIONAL ORGANIZATION FOR MYCOPLASMOLOGY	\$12,000
2010	EMORY UNIVERSITY	GA	R01AI090840	Design of HIV VLPs with Enhanced Immunogenicity	\$497,202

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2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI051477	ADHERENCE MECHANISMS OF MORAXELLA CATARRHALIS	\$297,000
2010	EMORY UNIVERSITY	GA	R56AI034000	REGULATION OF THE MHC CLASS II TRANSACTIVATOR CIITA	\$382,862
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI049194	MYCOPLASMA PNEUMONIAE GLIDING MOTILITY	\$371,494
2010	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$390,823
2010	EMORY UNIVERSITY	GA	R01AI030363	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	\$297,184
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI069275	ANTIBODY INHIBITION OF RESPIRATORY SYNCYTIAL VIRUS G PROTEIN ACTIVITY	\$317,507
2010	EMORY UNIVERSITY	GA	U01AI069418	EMORY HIV/AIDS CLINICAL TRIALS UNIT	\$1,235,948
2010	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$361,250
2010	EMORY UNIVERSITY	GA	R37AI028731	NONCARBOHYDRATE APPROACHES TO ANTIAIDS NUCLEOSIDES	\$340,977
2010	EMORY UNIVERSITY	GA	R37AI039816	COMPARISON OF B CELL DIFFERENTIATION IN MICE AND HUMANS	\$365,423
2010	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$360,708
2010	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$266,942
2010	EMORY UNIVERSITY	GA	R01AI064766	MODULAR CHIMERIC VACCINES TAILORED FOR MALARIA PARASITES	\$398,429
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI039033	Mechanisms of Resistance and Susceptibility to African Trypanosome Infection	\$371,250
2010	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$856,177
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$367,538
2010	EMORY UNIVERSITY	GA	R21AI083420	GUT EPITHELIAL INNATE IMMUNE RESPONSE TO ROTAVIRUS	\$193,750
2010	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune R	\$435,600
2010	EMORY UNIVERSITY	GA	R01AI083409	Molecular determinants of virulent arenavirus infection in hosts	\$434,000
2010	EMORY UNIVERSITY	GA	K22AI079409	ANTIGEN DENSITY CRITICALLY IMPACTS T CELL PROGRAMMING DURING TRANSPLANTATION	\$108,000
2010	ZETRA BIOLOGICALS LLC	GA	R43AI091230	VIRUS-LIKE PARTICLE VACCINES AGAINST RESPIRATORY SYNCYTIAL VIRUS	\$299,999
2010	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$434,561
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$268,048

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$371,481
2010	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$396,734
2010	EMORY UNIVERSITY	GA	R01AI081879	A Model System For Host-Pathogen Interactions: Drosophila And Its Parasitic Wasps	\$345,263
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI081800	CYTOKINE REGULATION OF MEMORY CD8 T CELL RESPONSES	\$294,030
2010	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$247,313
2010	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI085440	EXPANSION OF ALLOANTIGEN REACTIVE TREGS FOR TRANSPLANTATION TOLERANCE	\$220,500
2010	EMORY UNIVERSITY	GA	R01AI088025	RNA modification and antibiotic resistance	\$383,375
2010	EMORY UNIVERSITY	GA	R01AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$840,757
2010	EMORY UNIVERSITY	GA	R01AI049334	QUANTITATIVE MODELS OF CD8+ T-CELL MEMORY	\$185,740
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$334,125
2010	EMORY UNIVERSITY	GA	R01AI047498	Phylogeography and Spatial Dynamics of Epidemic Rabies	\$370,068
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R37AI025899	SYNTHESIS AND BIOTRANSFORMATION OF ANTI-HIV PRODRUGS	\$521,693
2010	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,300,759
2010	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$2,522,261
2010	EMORY UNIVERSITY	GA	R01AI070829	MOLECULAR BSSIS OF MEF-MEDIATED ANTIBIOTIC RESISTANCE IN STREPTOCOCCUS PNEUMONIAE	\$371,481
2010	EMORY UNIVERSITY	GA	U01AI079223	ADJUVANT THERAPIES IMPROVING THE ANTI-REJECTION EFFECTS OF COSTIMULATION BLOCKADE	\$613,352
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI084415	Genetic dissection of parasite metabolism	\$350,271
2010	MOREHOUSE SCHOOL OF MEDICINE	GA	F31AI083167	DETERMINING THE ROLES(S) OF HIV-1 NEF IN ENHANCEMENT OF VIRION INFECTIVITY	\$38,308
2010	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI077343	Mechanical Regulation of Selectin-Ligand Binding Kinetics	\$501,872
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI080923	TRANSCRIPTIONAL CONTROL OF THE HELICOBACTER PYLORI RPN REGULON	\$73,013
2010	EMORY UNIVERSITY	GA	F32AI091105	HA FUSION PROPERTIES AS A DETERMINANT OF INFLUENZA TRANSMISSION AND PATHOGENICITY	\$50,474
2010	EMORY UNIVERSITY	GA	F32AI085763	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF PARAMYXOVIRUS FUSION COMPLEXES	\$50,474

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2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI051560	DEVELOPING AVIRULENT RABIES VIRUS VACCINES	\$286,501
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$277,627
2010	EMORY UNIVERSITY	GA	R01AI053668	Entry Mechanisms used by a model retrovirus	\$382,870
2010	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,536,864
2010	EMORY UNIVERSITY	GA	R37AI030048	T CELL MEMORY TO VIRUSES	\$451,547
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	\$72,873
2010	EMORY UNIVERSITY	GA	R01AI065961	MOLECULAR MECHANISMS OF ANTIGENIC VARIATION IN MALARIA	\$398,429
2010	EMORY UNIVERSITY	GA	U01AI074635	MEMORY AND REGULATORY T CELLS FOLLOWING T CELL DEPLETION IN TRANSPLANTATION	\$727,576
2010	EMORY UNIVERSITY	GA	U01AI074579	SELF-ADMINISTERED MICRONEEDLE PATCHES FOR INFLUENZA VACCINES	\$1,476,869
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$191,223
2010	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$1,917,839
2010	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,855,381
2010	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$77,161
2010	EMORY UNIVERSITY	GA	K23AI073119	IMPACT OF PLASMA ALPHA-1-ACID GLYCOPROTEIN VARIABILITY ON FREE LOPINAVIR LEVELS	\$128,007
2010	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$383,625
2010	EMORY UNIVERSITY	GA	R01AI069148	NOVEL VACCINE STRATEGIES AGAINST EBOLA VIRUS	\$452,367
2010	EMORY UNIVERSITY	GA	K08AI072191	MECHANISMS OF T CELL DYSFUNCTION IN HEPATITIS C VIRUS PERSISTENCE	\$128,250
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	AMINO ACID REPAIR ACTIVITY IN HELICOBACTER PYLORI	\$365,063
2010	EMORY UNIVERSITY	GA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$445,687
2010	EMORY UNIVERSITY	GA	K08AI079166	DISSECTING THE PATHWAYS LEADING TO INJURY IN LUNG TRANSPLANTATION	\$128,736
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI090439	TROPHOBLAST IMMUNE RESPONSES TO PLACENTAL MALARIA	\$222,750
2010	ZETRA BIOLOGICALS LLC	GA	R43AI081385	ADJUVANT-CONTAINING CHIMERIC VIRUS-LIKE PARTICLES AS IMPROVED INFLUENZA VACCINES	\$299,999

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2010	EMORY UNIVERSITY	GA	R01AI083366	Modulation of Host Responses by Mycobacterium Tuberculosis	\$440,000
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068908	GENOME EVOLUTION, INNOVATION AND ADAPTATION IN THE APICOMPLEXA	\$322,314
2010	EMORY UNIVERSITY	GA	R21AI089093	GENOMIC CHARACTERIZATION OF A NONHUMAN PRIMATE MODEL FOR AIDS RESEARCH	\$232,500
2010	GENETAG TECHNOLOGY INC	GA	R43AI090852	DNA DETECTION SWITCH (DDS) PROBES FOR DIAGNOSIS OF MULTI-DRUG RESISTANT TUBERCULO	\$464,985
2010	EMORY UNIVERSITY	GA	R21AI087453	KINETIC DETERMINANTS OF HIV NEUTRALIZATION	\$232,500
2010	EMORY UNIVERSITY	GA	R21AI085328	COUNTERACTING RESISTANCE THROUGH HOST -DIRECTED MYXOVIRUS INHIBITORS	\$232,500
2010	EMORY UNIVERSITY	GA	R34AI091437	EFFECTS OF MATERNAL INFLUENZA IMMUNIZATION: A FIELD TRIAL IN GUATEMALA'	\$230,253
2010	EMORY UNIVERSITY	GA	R37AI021150	Gonococci: Genetics of Resistance to PMN Proteins	\$392,125
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$367,538
2010	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$519,753
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI060469	VIRULENCE OF THE OPPORTUNISTIC PATHOGEN RHODOCOCNIS EQUI	\$312,330
2010	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$4,885,098
2010	EMORY UNIVERSITY	GA	K22AI077507	MECHANISMS OF RESPIRATORY SYNCYTIAL VIRUS-INDUCED MUCUS" VIRAL STRAIN DEPENDENCE	\$107,200
2010	EMORY UNIVERSITY	GA	R01AI078775	PD-1 MODULATION OF SIV SPECIFIC CD4 AND CD8 T CELL RESPONSES	\$673,668
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI082127	FOXN1 AND MOLECULAR MECHANISM OF THYMIC INVOLUTION	\$328,556
2010	EMORY UNIVERSITY	GA	R21AI089302	ENHANCING THE IMMUNOGENICITY AND UTILITY OF MVA-BASED AIDS VACCINES	\$264,000
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R56AI081816	ROLES OF HOST KINASES IN PARAMYXOVIRUS RNA SYNTHESIS	\$297,000
2010	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$402,411
2010	EMORY UNIVERSITY	GA	R01AI078426	PATHOGENESIS OF MURINE POLYOMAVIRUS ALLOGRAFT NEPHROPATHY	\$383,625
2010	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI041231	INDUCTION OF PROTECTIVE IMMUNITY AGAINST CHLAMYDIA	\$350,000

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2010	EMORY UNIVERSITY	GA	R01AI024710	MOLECULAR ANALYSIS OF PLASMODIUM VIVAX SURFACE ANTIGENS	\$554,555
2010	EMORY UNIVERSITY	GA	R01AI020211	CYTOMEGALOVIRUS DNA REPLICATION AND INVERSION	\$383,625
2010	EMORY UNIVERSITY	GA	R01AI067704	MECHANISMS OF GENOMIC RNA PACKAGING IN INFLUENZA VIRUS	\$324,637
2010	EMORY UNIVERSITY	GA	R01AI040338	VIRAL AND CELLULAR DETERMINANTS OF HIV-1 ASSEMBLY	\$324,637
2010	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$269,395
2010	EMORY UNIVERSITY	GA	R01AI078773	INNATE IMMUNITY AND SIV INFECTION	\$759,688
2010	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	\$2,065,943
2010	EMORY UNIVERSITY	GA	R01AI087798	Role of the Respiratory Syncytial Virus Fusion Protein in Airway Mucus Induction	\$396,571
2010	EMORY UNIVERSITY	GA	P01AI088575	TARGETING MTOR AND CD40 PATHWAYS FOR ADJUVANTING HIV VACCINES	\$2,440,751
2010	EMORY UNIVERSITY	GA	R56AI087186	HOMEOSTASIS OF CD4+ T CELLS IN NON-HUMAN PRIMATES	\$767,538
2010	UNIVERSITY OF HAWAII	HI	R01AI068525	ROLE OF MACROPHAGES IN HIV LIPOATROPHY	\$321,337
2010	UNIVERSITY OF HAWAII	HI	R01AI071160	MALARIAL IMMUNITY IN PREGNANT CAMEROONIAN WOMEN	\$595,892
2010	PANTHERA BIOPHARMA LLC	HI	U01AI078067	ANTIDOTES TO ANTHRAX LETHAL FACTOR INTOXICATION	\$1,057,909
2010	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$646,995
2010	UNIVERSITY OF HAWAII	HI	R01AI054128	MECHANISM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$329,175
2010	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI055225	RECOMBINANT SUBUNIT VACCINE FOR TICK-BORNE ENCEPHALITIS	\$1,000,000
2010	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$352,886
2010	UNIVERSITY OF HAWAII	HI	R01AI089999	Selenoprotein K modulates calcium-dependent signaling in immune cells	\$375,000
2010	UNIVERSITY OF IOWA	IA	R01AI041478	UL34 AND HERPES SIMPLEX VIRUS ENVELOPMENT	\$243,418
2010	UNIVERSITY OF IOWA	IA	R01AI036073	REGULATION OF HIV-1 RNA SPLICING	\$322,314
2010	UNIVERSITY OF IOWA	IA	T32AI007485	Predocctoral Training Program in Immunology	\$217,479
2010	UNIVERSITY OF IOWA	IA	R01AI087630	Nlrp3 inflammasome signaling in immune responses to Candida albicans	\$375,000
2010	UNIVERSITY OF IOWA	IA	K01AI075089	SOCIAL NETWORKS AND THE SPREAD OF INFLUENZA AND OTHER NOSOCOMIAL INFECTIONS	\$126,630

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2010	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$371,250
2010	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$371,250
2010	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$440,375
2010	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$101,525
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI059455	EXERCISE-INDUCED IMMUNOMODULATION IN THE AGED: MECHANISMS	\$492,875
2010	UNIVERSITY OF IOWA	IA	K08AI067736	ROLE OF LUNG INFLAMMATION IN TH2 PRIMING	\$121,959
2010	UNIVERSITY OF IOWA	IA	K08AI079445	ROLE OF ANION TRANSPORTERS IN THE REGULATION OF PMN CHEMOTAXIS	\$127,440
2010	UNIVERSITY OF IOWA	IA	R01AI045540	INTERACTIONS BETWEEN LEISHMANIA AND THE IMMUNE RESPONSE	\$358,127
2010	UNIVERSITY OF IOWA	IA	R01AI046653	ACCELERATED CD8 T CELL MEMORY AFTER DC VACCINATION	\$396,424
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI075150	REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCGAMMA1	\$322,147
2010	UNIVERSITY OF IOWA	IA	R21AI080966	DYNAMIC REGULATION OF INTERLEUKIN-7 RECEPTOR ALPHA CHAIN	\$225,000
2010	UNIVERSITY OF IOWA	IA	R01AI077519	Filoviral glycoprotein/cellular protein interactions	\$340,411
2010	UNIVERSITY OF IOWA	IA	R56AI088182	NK CELL CONTROL OF ACUTE INFLUENZA VIRUS INFECTION	\$371,377
2010	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$267,853
2010	UNIVERSITY OF IOWA	IA	K08AI065517	THE ROLE OF NALPS IN INNATE IMMUNITY	\$121,959
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R33AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$395,040
2010	UNIVERSITY OF IOWA	IA	R01AI063520	IMMUNOPATHOLOGY MEDIATED BY RSV-SPECIFIC CD4 T CELLS	\$352,937
2010	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$654,676
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$325,431
2010	UNIVERSITY OF IOWA	IA	R01AI045728	BIOFILM FORMATION BY NEISSERIA GONORRHOEAE	\$445,810
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	\$962,051
2010	UNIVERSITY OF IOWA	IA	R01AI070958	INNATE IMMUNE DEFENSE AGAINST COMMUNITY ASSOCIATED METHICILLIN-RESISTANT S.AUREUS	\$334,125
2010	UNIVERSITY OF IOWA	IA	R01AI078921	QUORUM SENSING-DEPENDENT INTERACTIONS WITH BIOFILMS AND INNATE IMMUNITY DEFENSES	\$415,250

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2010	UNIVERSITY OF IOWA	IA	R01AI073872	CLC-3 ION TRANSPORT MODULATES NADPH OXIDASE-DEPENDENT PMN PRIMING BY ENDOTOXIN	\$371,250
2010	UNIVERSITY OF IOWA	IA	R01AI076244	Subverted host cell signaling by AnkA in Anaplasma phagocytophilum infection	\$297,000
2010	UNIVERSITY OF IOWA	IA	R01AI083286	MEMORY CD8 T CELL RESPONSES AFTER MULTIPLE ANTIGEN ENCOUNTERS	\$368,191
2010	UNIVERSITY OF IOWA	IA	R01AI050073	REGULATION OF T CELL HOMEOSTASIS BY IFN-GAMMA	\$358,127
2010	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$257,791
2010	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$200,700
2010	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$1,818,142
2010	UNIVERSITY OF IOWA	IA	R01AI071085	ROLE OF DENDRITIC CELLS IN IMMUNITY TO PULMONARY INFLUENZA VIRUS INFECTIONS	\$353,175
2010	UNIVERSITY OF IOWA	IA	R01AI085515	Memory CD8 T cell immunity to Plasmodium liver stage infec	\$375,000
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R15AI090635	VIRUS AND CELL REGULATION OF REOVIRUS ESCAPE FROM TRANSLATION INHIBITION	\$430,568
2010	UNIVERSITY OF IOWA	IA	K22AI081899	ROLE OF CYTOKINE INDUCTION IN APOBEC3-MEDIATED VIRUS RESTRICTION	\$162,000
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R56AI075026	IMPACT OF POLYMER ADJUVANT CHEMISTRY ON ADAPTIVE IMMUNE MECHANISMS	\$537,377
2010	UNIVERSITY OF IOWA	IA	K08AI076671	PARAOXONASE-2 S311C POLYMORPHISM ALTERS GLYCOSYLATION AND LACTONASE ACTIVITY	\$126,267
2010	UNIVERSITY OF IOWA	IA	R01AI028847	THE ROLES OF TRAF3 IN LYMPHOCYTE SIGNALING	\$322,314
2010	UNIVERSITY OF IOWA	IA	R01AI067489	REGULATION OF ATOPIC IMMUNE RESPONSES BY THE PROLYL ISOMERASE CYCLOPHILLIN A	\$347,742
2010	UNIVERSITY OF IOWA	IA	R01AI068885	NOVEL THERAPEUTIC APPROACHES FOR ELIMINATING HEPATITIS B VIRUS DNAs AND RNAs	\$406,599
2010	UNIVERSITY OF IOWA	IA	K08AI079410	FUNCTION OF LONGUS TYPE IV PILI IN ENTEROTOXIGENIC E COLI	\$127,440
2010	UNIVERSITY OF IOWA	IA	R01AI076233	GENETIC RISK FACTORS FOR VISCERAL LEISHMANIASIS	\$319,275
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Levamisole receptors	\$272,445
2010	UNIVERSITY OF IOWA	IA	R01AI055042	REGULATION OF PSEUDOMONAS AERUGINOSA TYPE III SECRETION	\$297,000
2010	UNIVERSITY OF IOWA	IA	R01AI067874	COLLABORATIVE DEVELOPMENT OF A VACCINE AGAINST CUTANEOUS AND VISCERAL LEISHMANIASIS	\$455,396

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2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI076616	ROLE OF B CELLS IN THE CELL-MEDIATED IMMUNE RESPONSE TO LEISHMANIA AMAZONENSIS	\$120,057
2010	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$371,250
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$523,715
2010	UNIVERSITY OF IOWA	IA	R33AI074392	ANALYSIS OF INTERACTIONS OF HIV TAT AND TAR WITH HEXIM1, 7SK, AND P-TEFB	\$367,983
2010	UNIVERSITY OF IOWA	IA	R01AI087671	Antibacterial Agents that Restrict the Emergence of Resistance	\$400,235
2010	BIOPROTECTION SYSTEMS CORPORATION	IA	R43AI084350	DEVELOPMENT OF MULTIVALENT VACCINES AGAINST YELLOW FEVER AND ARENA VIRUSES	\$299,975
2010	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	U19AI091031	Enhancing B cell immunity against HIV-1 using novel vaccine delivery platforms	\$1,310,664
2010	UNIVERSITY OF IDAHO	ID	R01AI089808	DISSECTING A NOVEL MECHANISM OF DRUG-INDUCED DEATH IN TOXOPLASMA GONDII	\$244,874
2010	UNIVERSITY OF IDAHO	ID	R01AI051463	Repair of HCMV-Induced DNA Damage in Infected Cells	\$322,650
2010	UNIVERSITY OF IDAHO	ID	R01AI084918	Plasmids as Vectors of Antibiotic Resistance: The Evolution of Plasmid Host-Range	\$352,424
2010	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$360,555
2010	UNIVERSITY OF CHICAGO	IL	R01AI071080	MECHANISMS OF TLR-MEDIATED PREVENTION OF TRANSPLANTATION TOLERANCE	\$303,930
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI074233	PROTEIN STRUCTURE/FUNCTION BY NMR, CRYSTALLOGRAPHY AND COMPUTATIONAL CHEMISTRY	\$361,596
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045070	IN VITRO FOLDING AND ASSEMBLY OF CLASS I MHC MOLECULES	\$297,184
2010	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$151,088
2010	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$351,000
2010	UNIVERSITY OF CHICAGO	IL	R01AI072630	MECHANISTIC STUDIES ON LISTERIA INFECTION AND INHIBITION OF ALLOGRAFT TOLERANCE	\$372,695
2010	NORTHWESTERN UNIVERSITY	IL	R33AI076968	DEVELOPMENT OF TISSUE EXPLANT MODELS FOR MICROBICIDE EVALUATION	\$870,770
2010	NORTHWESTERN UNIVERSITY	IL	F31AI077321	INTERACTION OF HIV WITH MACAQUE GENITAL TRACT	\$28,150
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$388,575
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI076830	DETERMINATION OF THE BIOLOGICAL ROLES AND CHEMICAL MECHANISMS OF THE GLUTAMATE RA	\$235,373

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2010	NORTHWESTERN UNIVERSITY	IL	K08AI080836	ROLE OF NOVEL TH17 CELLS IN ALLOGRAFT REJECTION AND TOLERANCE	\$126,169
2010	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$2,165,183
2010	NORTHWESTERN UNIVERSITY	IL	R01AI081983	Metabolic heterogeneity and antibiotic susceptibility in biofilms	\$379,427
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	T32AI078876	Infection Biology Training Grant	\$175,350
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI080705	REGULATION OF THE SALMONELLA PATHOGENICITY ISLAND 1 TYPE III SECRETION SYSTEM	\$366,557
2010	NORTHWESTERN UNIVERSITY	IL	R01AI052051	CELL BIOLOGY AND HIV ENTRY	\$383,127
2010	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$411,741
2010	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$3,149,248
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI052400	FACTORS AND DNA MOTIFS IN IG CLASS SWITCH	\$442,940
2010	UNIVERSITY OF CHICAGO	IL	R01AI072627	FAS IN HOST DEFENSE AND AUTOIMMUNE DISEASES	\$372,695
2010	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$381,250
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI041816	LISTERIA VIRULENCE GENE EXPRESSION WITHIN HOST CELLS	\$365,423
2010	NORTHWESTERN UNIVERSITY	IL	U01AI069471	NORTHWESTERN UNIVERSITY CLINICAL TRIAL UNIT	\$2,074,541
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$392,500
2010	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$594,364
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$637,837
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI072445	NEW MECHANISM OF RESISTANCE TO OXAZOLIDINONE ANTIBIOTICS IN STAPHYLOCOCCUS AUREUS	\$372,187
2010	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$272,904
2010	NORTHWESTERN UNIVERSITY	IL	R01AI076315	15-LIPOXYGENASE REGULATION OF MUCOSAL IMMUNITY IN ALLERGIC AIRWAYS DISEASE	\$373,725
2010	NORTHWESTERN UNIVERSITY	IL	R03AI079722	MECHANISMS OF SEQUENCE-BASED RESISTANCE TO VIRUSES AND PLASMIDS IN EUBACTERIA	\$75,488
2010	NORTHWESTERN UNIVERSITY	IL	R21AI082406	MATURATION OF IL-1BETA AND IL-18 IN NOVEL MACROPHAGE AGGRESOMES	\$226,463
2010	NORTHWESTERN UNIVERSITY	IL	R21AI081020	ROLE OF TOLL-LIKE RECEPTORS IN TRANSPLANT-INDUCED REACTIVATION OF CYTOMEGALOVIRUS	\$188,719
2010	NORTHWESTERN UNIVERSITY	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$749,229

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	NORTHWESTERN UNIVERSITY	IL	F32AI089068	IDENTIFYING NOVEL PSEUDOMONAS AERUGINOSA PATHOGENESIS-ASSOCIATED GENOMIC ISLANDS	\$52,154
2010	UNIVERSITY OF CHICAGO	IL	R01AI075258	ESAT-6 SECRETION IN STAPHYLOCOCCUS AUREUS	\$380,778
2010	NORTHWESTERN UNIVERSITY	IL	R21AI088286	MECHANISM OF AZITHROMYCIN ACTIVITY IN PSEUDOMONAS INFECTIONS	\$241,690
2010	UNIVERSITY OF CHICAGO	IL	R01AI082418	Type 1 diabetes: the role of commensal microbiota	\$390,000
2010	NORTHWESTERN UNIVERSITY	IL	R21AI077542	STRUCTURE/FUNCTION ANALYSIS OF THE RETROVIRUS INTEGRASE	\$188,719
2010	ILLINOIS STATE UNIVERSITY	IL	R15AI065439	HAEMOPHILUS PARAINFLUENZAE AND CARDIOPULMONARY DISEASE	\$216,000
2010	UNIVERSITY OF CHICAGO	IL	R56AI059676	SIGNALING IN THYMIC SELECTION	\$390,000
2010	NORTHWESTERN UNIVERSITY	IL	R01AI070072	THE APOBEC/VIF CONFLICT AND HIV PATHOGENESIS	\$533,212
2010	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$373,725
2010	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$239,534
2010	UNIVERSITY OF CHICAGO	IL	R01AI044932	CD43 REGULATION OF IMMUNE RESPONSES	\$367,707
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI058190	THERAPEUTIC TREATMENT OF EAT BY INDUCING DENDRITIC CELL	\$361,201
2010	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	U01AI069512	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$891,320
2010	NORTHWESTERN UNIVERSITY	IL	R01AI047770	INTRACELLULAR TRAFFICKING OF HIV-1 PARTICLES	\$370,711
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	U01AI075502	TARGETED ANTITOXIN DELIVERY PLATFORMS AS POST-EXPOSURE THERAPIES FOR BOTULISM	\$397,387
2010	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$372,695
2010	UNIVERSITY OF CHICAGO	IL	R01AI076585	THE ORIGIN AND CONSEQUENCES OF RECEPTOR EDITING AND ALLELIC-INCLUSION.	\$381,150
2010	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$377,438
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$376,337
2010	UNIVERSITY OF CHICAGO	IL	K08AI076596	PATHOPHYSIOLOGY OF STAPHYLOCOCCUS AUREAUS NECROTIZING PNEUMONIA AND SEVERE SEPSIS	\$125,739
2010	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$694,982
2010	NORTHWESTERN UNIVERSITY	IL	R01AI075191	PSEUDOMONAS AERUGINOSA GENOMIC ISLANDS AND VIRULENCE	\$339,694

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2010	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI088609	EPIGENOME ASSOCIATION STUDY OF FOOD ALLERGY	\$294,000
2010	UNIVERSITY OF CHICAGO	IL	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$375,456
2010	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	K22AI078757	ANALYSIS OF RESTRICTION FACTOR FUNCTION IN SITU	\$108,000
2010	UNIVERSITY OF CHICAGO	IL	R21AI087559	SYSTEMS FOR STUDYING THE MOBILITY OF THE SCCMEC ELEMENT IN MRSA	\$228,624
2010	LOYOLA UNIVERSITY OF CHICAGO	IL	R15AI085559	A New Antibacterial Drug Target: Analyzing Inhibitor Binding to a Bacterial Metal	\$400,175
2010	UNIVERSITY OF CHICAGO	IL	R01AI090901	Nedd4 in T Helper Cell Development and Autoimmunity	\$390,000
2010	NORTHWESTERN UNIVERSITY	IL	K08AI089942	HERPES SIMPLEX VIRUS ENTRY RECEPTORS IN IMMUNE MEMORY AND NEWBORN INFECTION	\$129,060
2010	NORTHWESTERN UNIVERSITY	IL	T32AI083216	Northwestern University Allergy Immunology Research Program (NUAIR)	\$123,746
2010	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R56AI030464	PHYSIOLOGY OF INSECT AMINO ACID TRANSPORT	\$322,200
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI069554	TARGETING HIGH-RISK WOMEN FOR HVTN AND MICROBICIDE TRIALS	\$588,324
2010	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$329,962
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI022383	CONJUGAL TRANSFER OF BACTERIOIDES ANTIBIOTIC RESISTANCES	\$316,394
2010	UNIVERSITY OF CHICAGO	IL	K08AI059105	ICOS EXPRESSION LEVELS AND TH DEVELOPMENT	\$119,610
2010	NORTHWESTERN UNIVERSITY	IL	R01AI072570	EPITHELIAL BAFF AND APRIL IN AIRWAY INFLAMMATION, IMMUNITY AND DISEASE	\$366,625
2010	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R01AI073892	ANTIMICROBIAL PEPTIDES AND THEIR SYNTHETIC MIMICS - INVESTIGATING THE MECHANISM O	\$286,677
2010	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$380,778
2010	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$835,272
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	RC1AI080296	PARATHYROID HORMONE IN PREVENTION AND MITIGATION OF THROMBOCYTOPENIA	\$200,000
2010	UNIVERSITY OF CHICAGO	IL	R01AI078267	TRANSCRIPTIONAL CONTROL OF HEMATOPOIESIS	\$386,100
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI078749	HIV EVASION OF NK CELLS IN LYMPH NODES	\$187,631
2010	UNIVERSITY OF CHICAGO	IL	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$122,958
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K02AI081869	SIGNIFICANCE OF HEPARAN SULFATE IN HSV-1 SPREAD	\$106,191

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2010	NORTHWESTERN UNIVERSITY	IL	R21AI088808	EXPERIMENTAL THERAPY FOR PEANUT ALLERGY WITH NOVEL PEANUT-HUMAN FUSION PROTE	\$228,750
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI085226	DEVELOPMENT OF REAL TIME FLUORESCENCE-BASED ASSAYS FOR ELUCIDATING HCV ENTRY DYNA	\$78,500
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI091428	HIV/STI OUTCOMES FROM MALE CIRCUMCISION IN MEN AND FEMALE PARTNERS: KISUMU, KENYA	\$779,723
2010	NORTHWESTERN UNIVERSITY	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,646,855
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI040176	ROLE OF SAA IN INFLAMMATION AND IMMUNITY	\$406,330
2010	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$362,719
2010	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$360,555
2010	NORTHWESTERN UNIVERSITY	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$373,286
2010	NORTHWESTERN UNIVERSITY	IL	R01AI051490	GENETIC AND BIOCHEMICAL STUDY OF V. CHOLERAЕ RTX TOXIN	\$373,725
2010	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$186,813
2010	NORTHWESTERN UNIVERSITY	IL	K25AI062977	PATHOGEN SURVIVAL IN TRANSPORT-LIMITED ENVIRONMENTS	\$144,288
2010	UNIVERSITY OF CHICAGO	IL	R01AI047380	MECHANISM OF IMMUNOGLOBULIN HYPERMUTATION	\$468,116
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$217,938
2010	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI082947	CHARACTERIZATION OF THE MOLECULAR MECHANISM OF MVA-INDUCED NF-KAPPAB ACTIVATION	\$38,500
2010	NORTHWESTERN UNIVERSITY	IL	R21AI072461	ACCESSORY TOXIN-MEDIATED EVASION OF INNATE IMMUNITY DURING V. CHOLERAЕ INFECTION	\$188,719
2010	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R33AI080528	Inflammatory response after combined insult of radiation and burn injury	\$373,750
2010	NORTHWESTERN UNIVERSITY	IL	R56AI082407	IKAROS REGULATES T HELPER CELL FATE DECISIONS	\$381,250
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$263,031
2010	NORTHWESTERN UNIVERSITY	IL	R01AI067048	EBV GB FUNCTION IN VIRAL FUSION, ENTRY, AND EGRESS	\$417,031
2010	NORTHWESTERN UNIVERSITY	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$382,519
2010	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$409,964
2010	UNIVERSITY OF CHICAGO	IL	P01AI053725	GLYCOLIPID PRESENTATION BY CD1D	\$1,339,665

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2010	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$382,071
2010	NORTHWESTERN UNIVERSITY	IL	R01AI023173	STRUCTURE AND EXPRESSION OF THE PARAMYXOVIRUS SV5 GENOME	\$315,610
2010	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$381,250
2010	NORTHWESTERN UNIVERSITY	IL	R21AI083879	NOVEL VACCINES TO EVOKE BLADDER MUCOSAL IMMUNITY	\$188,719
2010	UNIVERSITY OF CHICAGO	IL	U01AI082180	OPTIMIZING INHIBITORS OF T. GONDII ENR	\$881,657
2010	UNIVERSITY OF CHICAGO	IL	R21AI081167	AID IN SOMATIC MUTATION OF IMMUNOGLOBULIN GENES	\$231,660
2010	NORTHWESTERN UNIVERSITY	IL	F32AI080083	THE FUNCTION OF NGO2115 IN THE NEISSERIA GONORRHOEAE OXIDATIVE STRESS RESISTANCE	\$50,474
2010	UNIVERSITY OF CHICAGO	IL	R01AI081987	Investigating the Catalytic Mechanism of the HDV Ribozyme	\$284,436
2010	UNIVERSITY OF CHICAGO	IL	F32AI085709	CHARACTERIZATION OF THE SECRETION PATHWAYS FOR SURFACE PROTEINS IN S. AUREUS	\$47,606
2010	UNIVERSITY OF CHICAGO	IL	R01AI080703	Hepatitis C Virus Trafficking in Infected Hepatocytes	\$216,162
2010	UNIVERSITY OF CHICAGO	IL	R21AI090392	THE ROLE OF NEGATIVE SIGNAL IN EARLY INFECTION	\$195,000
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$2,336,195
2010	NORTHWESTERN UNIVERSITY	IL	F31AI089015	The role of Pseudomonas aeruginosa ExoS during early pneumonia.	\$41,380
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI083241	POST-TRANSLATION REGULATION OF LISTERIA MONOCYTOGENES VIRULENCE FACTORS	\$370,395
2010	UNIVERSITY OF CHICAGO	IL	R01AI067697	MECHANISMS OF RESOLUTION IN EXPERIMENTAL ASTHMA	\$372,695
2010	UNIVERSITY OF CHICAGO	IL	R01AI027530	TREATMENT OF CONGENITAL TOXOPLASMOSIS	\$190,476
2010	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$380,778
2010	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI044941	MOLECULAR MECHANISM OF GRANULE-MEDIATED APOPTOSIS	\$286,680
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064489	THE ROLE OF PROTEASOMES IN VIRAL RNA TRANSLATION	\$370,138
2010	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$403,224
2010	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$471,453
2010	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$329,962
2010	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$325,136

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2010	UNIVERSITY OF CHICAGO	IL	R01AI067584	SPREAD OF COMMUNITY-ACQUIRED MRSA AMONG HOUSEHOLD CONTACTS	\$589,278
2010	UNIVERSITY OF CHICAGO	IL	R01AI083375	FUNCTIONAL CONSEQUENCES OF AUTOPHAGY MUTATIONS IN CROHN'S DISEASE.	\$342,168
2010	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$301,950
2010	NORTHWESTERN UNIVERSITY	IL	R21AI076693	BACTERIAL CHITINASES AS NEW VIRULENCE FACTORS	\$189,833
2010	NORTHWESTERN UNIVERSITY	IL	R01AI080658	Alpha-herpevirus assembly egress and viral particle heterogeneity	\$305,000
2010	NORTHWESTERN UNIVERSITY	IL	R21AI088299	IKAROS IN MAST VS. BASOPHIL LINEAGE CHOICE	\$228,750
2010	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	U01AI090727	Post Genome-Wide Association Study of Food Allergy	\$432,336
2010	NORTHWESTERN UNIVERSITY	IL	U01AI089316	CLINICAL ISLET TRANSPLANTATION AT NORTHWESTERN	\$1,274,550
2010	NORTHWESTERN UNIVERSITY	IL	R21AI089712	PYOMELANIN AND LEGIONELLA PNEUMOPHILA INFECTION	\$228,750
2010	NORTHWESTERN UNIVERSITY	IL	R01AI089954	AhR activation in Th17 and Treg cell differentiation	\$381,250
2010	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI085089	Mechanisms of viral proteases in coronavirus replication and pathogenesis	\$614,617
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R56AI078881	COLLABORATIVE INTEGRATION OF HCV MOLECULAR VIROLOGY AND MATHEMATICAL MODELING	\$420,869
2010	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$367,707
2010	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$156,683
2010	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$7,046,947
2010	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI070426	IMMUNOTHERAPEUTICS AND VACCINES AGAINST ANTHRAX, PLAGUE AND TULAREMIA	\$956,592
2010	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$381,250
2010	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R01AI080576	MECHANISMS OF FATIGUE IN A CHRONIC VIRAL DISEASE	\$357,638
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$739,805
2010	UNIVERSITY OF CHICAGO	IL	R21AI083527	ROLE OF EPITHELIAL HLA-G IN LUNG TRANSPLANTATION	\$231,660
2010	NORTHWESTERN UNIVERSITY	IL	K22AI073781	GLOBAL AND TEMPORAL EFFECTS OF VIRULENCE GENE EXPRESSION DURING PNEUMONIC PLAGUE	\$108,000
2010	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	F31AI081515	THE ROLE OF SIGNAL TRANSDUCTION CASCADES IN MEDIATING PAPILOMAVIRUS INFECTION.	\$38,456

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2010	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI087888	VITAMIN D AND FOOD ALLERGY: A PROSPECTIVE BIRTH COHORT STUDY	\$183,750
2010	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	K23AI085029	Extra-nasal Colonization and Epidemiology of Community-Associated MRSA	\$129,384
2010	ITERATIVE THERAPEUTICS	IL	R43AI081465	NOVEL HER2 TARGETING IMMUNOTHERAPEUTICS FOR BREAST CANCER	\$231,045
2010	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$332,083
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$385,000
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$270,447
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI084031	TRANSLATIONAL CONTROL AND LATENT TOXOPLASMA INFECTION	\$190,575
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090280	MOLECULAR BIOLOGY OF VIRAL CAPSIDS	\$341,754
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI060744	SIGNAL TRANSDUCTION BY ESSENTIAL VICRKX IN PNEUMOCOCCUS	\$353,564
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI070448	PATHOGENESIS OF ATOPIC DERMATITIS	\$1,003,818
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$369,456
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$381,150
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$380,990
2010	UNIVERSITY OF NOTRE DAME	IN	R21AI088335	AUTOGENY IN AEDES AEGYPTI	\$300,000
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI079065	CLASS II ANTIGEN PRESENTATION VIA CHAPERONE MEDIATED AUTOPHAGY	\$346,500
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI090150	CONTROL OF AUTOIMMUNITY BY FOLLICULAR HELPER T CELLS AND BCL6	\$192,500
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI065898	ANTIBACTERIAL METHIONINE AMINOPEPTIDASE INHIBITORS	\$385,000
2010	PURDUE UNIVERSITY	IN	R01AI065667	NON-REPLICATIVE VACCINE FOR HUMAN BRUCELLOSIS	\$297,194
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$373,725
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI033170	RESISTANCE TO BETA-LACTAM ANTIBIOTICS	\$343,734
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$375,000
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077688	THE BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	\$299,162
2010	PURDUE UNIVERSITY	IN	R01AI080769	Migration and function of Th17 cells in the gut	\$335,540
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R03AI091418	POLYAMINES AND PNEUMOCYSTIS	\$77,000
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI077705	SIMPL-A TNFALPHA-SPECIFIC TRANSCRIPTIONAL CO-ACTIVATOR	\$380,027
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$385,000
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI080759	LYMPHOPOIETIC DEVELOPMENT IN THE EXTRA-EMBRYONIC YOLK SAC	\$359,410

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2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI085242	THE MECHANISM OF ACTIVATION OF THE RRP2-RPON-RPOS PATHWAY IN BORRELIA BURGDORFERI	\$180,688
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI090818	Novel oxadiazols for the treatment of drug-resistant gram-positive bacteria	\$1,069,649
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI085531	MACHINE-LEARNING APPROACH TO LABEL-FREE DETECTION OF NEW BACTERIAL PATHOGENS	\$234,831
2010	PURDUE UNIVERSITY	IN	K02AI068655	ROLE OF E3 UBIQUITIN LIGASE IN SALMONELLA-INDUCED INFLAMMATION	\$111,358
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$300,446
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI071121	DETERMINANTS OF GROWTH AND FITNESS IN DRUG RESISTANT MALARIA PARASITES	\$363,424
2010	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$412,359
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$361,323
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI070514	CELLULAR IMMUNITY TO CHLAMYDIA AT THE EPITHELIAL INTERFACE	\$352,316
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081795	ANALYSIS OF THE FUNCTIONS OF AXON GUIDANCE GENES DURING VECTOR MOSQUITO DEVELOPMENT	\$379,170
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI079125	DIAPAUSE IN CULEX MOSQUITOES	\$604,383
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	P01AI084853	TH17 Autoimmunity to Type V Collagen in Heart and Lung Transplant	\$1,607,077
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI090393	DEVELOPMENTAL EPIDEMIOLOGY OF INCIDENT STI AMONG ADOLESCENT BOYS	\$754,189
2010	PURDUE UNIVERSITY	IN	R01AI039639	PROTEIN STABILITY AND ANTIVIRAL ACTIVITY IN HUMAN RHINOVIRUS	\$222,160
2010	PURDUE UNIVERSITY	IN	R01AI072035	STRUCTURAL BASIS OF BACTERIOPHAGE T7 ASSEMBLY AND DNA PACKAGING	\$364,133
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$318,272
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI077323	ALLOSTERY IN HEPATITIS B VIRUS CAPSID ASSEMBLY	\$17,786
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI077513	HOST PARTNERS AND VIRUS ASSEMBLY	\$185,880
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$371,250
2010	EARLHAM COLLEGE	IN	R15AI068675	REFINING THE ANNOTATIONS OF MALARIA GENOMES	\$200,523
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI054193	Design, Syntheses and Studies of Novel Antituberculosis Agents	\$391,102
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI074657	CHARACTERIZATION OF LIPOPROTEINS IN HAEMOPHILUS DUCREYI PATHOGENESIS	\$119,504

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2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$498,226
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059384	HUMAN IMMUNE RESPONSE TO HAEMOPHILUS DUCREYI INFECTION	\$359,357
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073290	MECHANISM OF ANTIBACTERIAL ACTIVITY OF PEPTIDOGLYCAN RECOGNITION PROTEINS	\$381,150
2010	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$723,607
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077564	PROPHAGE CONTRIBUTION TO THE VIRULENCE OF STAPHYLOCOCCUS AUREUS	\$304,920
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI090077	Host determinants of alphavirus replication	\$370,101
2010	PURDUE UNIVERSITY	IN	K02AI085403	Modulation of Host Vesicle Trafficking by Legionella pneumophila	\$111,208
2010	PURDUE UNIVERSITY	IN	R01AI080775	Interferon Alpha Regulation of Murine Gammaherpesvirus Latency	\$372,140
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI046455	CD1 MOLECULES & NKT CELLS IN HOST DEFENSE	\$346,500
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI027863	PATHOGENESIS OF HAEMOPHILUS DUCREYI INFECTIONS	\$395,819
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067416	NOVEL RNA STRUCTURES IN CORONAVIRUS REPLICATION	\$359,003
2010	PURDUE UNIVERSITY	IN	R01AI069344	MODULATION OF HOST APOPTOTIC PATHWAYS BY LEGIONELLA PNEUMOPHILA	\$288,389
2010	PURDUE UNIVERSITY	IN	R15AI062713	Varicella-Zoster Virus Encapsidation Proteins	\$220,500
2010	PURDUE UNIVERSITY	IN	R01AI049978	HOST ACTIN CYTOSKELETON REARRANGEMENTS INDUCED BY SALMONELLA	\$331,919
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$173,143
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI072020	HPV IN ADOLESCENT WOMEN	\$354,218
2010	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$462,905
2010	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI085046	TSLP in Th2 Immunity and Allergic Airway Inflammation	\$385,000
2010	PURDUE UNIVERSITY	IN	R01AI081726	Structural studies of bacteriophage T4 and their potential medical applications	\$642,510
2010	PURDUE UNIVERSITY	IN	R13AI084391	BRUCELLOSIS RESEARCH CONFERENCE 2009	\$15,000
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI051981	THE ROLE OF VPU IN HIV-1 PATHOGENESIS	\$356,913
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	T32AI070089	GRADUATE TRAINING PROGRAM IN MULTIDIMENSIONAL VACCINOGENESIS	\$99,227
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI080280	ORAL DELIVERY OF NANOPARTICLES ENCAPSULATED WITH HIV-DNA VACCINE	\$74,250

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2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI088070	DEFINITION OF HOST GENES REQUIRED FOR INTRACELLULAR PATHOGEN GROWTH	\$218,160
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI079083	Regulation of Virulence Gene Expression in Chlamydia	\$360,696
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI077782	The regulation of autolysis in Enterococcus faecalis	\$296,000
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI087923	BACTERIAL EFFECTOR SUBVERSION OF HOST PROTEIN TRAFFICKING	\$75,000
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI076227	HOST SUBVERSION BY E. COLI O157:H7 EFFECTOR PROTEINS	\$74,250
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI088051	SAND FLY ROLE IN TRANSMISSION OF CVL IN NORTH AMERICA	\$230,879
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI090062	Signaling pathways for tick salivary secretion	\$342,609
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI072357	VIRAL AND HOST RESPONSES TO HSV INFECTION	\$274,307
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070864	FUNCTION OF LACCASES IN ANOPHELES GAMBIAE	\$386,333
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI081136	NEURPEPTIDERGIC CONTROL OF THE SALIVARY GLAND IN THE BLACK-LEGGED TICK, IXODES SC	\$183,150
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$423,267
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$285,530
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077725	SALICYLATE PRODUCTION IN SIDEROPHORE BIOSYNTHESIS	\$291,060
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI080734	HCV GENOTYPE 6: A MODEL FOR HCV GENETICS AND MOLECULAR EPIDEMIOLOGY STUDIES	\$366,037
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R56AI063002	TERGETING LFA-1 FOR DELIVERING ANTIGENIC PEPTIDES	\$357,924
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI061691	NATURAL ANTIBODIES AND TISSUE INJURY	\$319,036
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI074691	P. PAPATASI MIDGUT MOLECULES: GENE FUNCTION AND ASSESSING TBV CANDIDATES	\$293,040
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI091586	THE ROLE OF LIPID RAFTS IN VPU FUNCTION	\$225,000
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI077947	PRECLINICAL DEVELOPMENT OF DS-96, A NOVEL ALKYL POLYAMINE ENDOTOXIN SQUESTRANT	\$357,709
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	U01AI081891	DEVELOPMENT OF NOVEL THERAPEUTIC AGENTS FOR NOROVIRUS INFECTION	\$1,027,980

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2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI085236	MOLECULAR CHARACTERIZATION OF THE BOCAVIRUSES	\$225,000
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$360,339
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI063261	LIPOPROTEIN TRANSPORT IN BORRELIA SPIROCHETES	\$346,563
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI083479	IMPAIRED INTESTINAL BARRIER FUNCTION AND AIRWAY INFLAMMATION IN CYSTIC FIBROSIS	\$185,625
2010	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI082697	BIOMECHANICAL AND COMPUTATIONAL MOLECULAR DESIGN OF MICROBICIDE DELIVERY SYSTEMS	\$216,693
2010	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI085416	ROLE OF DEFENSIN RECEPTOR SIGNALING IN IL-1BETA RELEASE	\$222,000
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI090085	CRYOEM ANALYSIS OF ANTHRAX TOXIN PORE COMPLEXES	\$300,000
2010	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R56AI087686	DISRUPTION OF NF-KB SIGNALING BY DIARRHEAGENIC ESCHERICHIA COLI	\$370,000
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI064421	ANALYZING AND MODULATING IMMUNOREGULATORY DEFECTS IN AUTOIMMUNE DISEASE.	\$348,920
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI079442	MHC-IB RESTRICTED T CELL RESPONSES AGAINST LISTERIA MONOCYTOGENES	\$73,508
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$362,976
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$372,500
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI068119	DO CONDOMS PROTECT FROM NON-VIRAL SEXUALLY TRANSMITTED INFECTIONS?	\$357,336
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI071047	ADJUVANT FUNCTIONS OF DETOXIFIED LPS	\$365,204
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI076169	ANTIVIRAL LECTINS AS MICROBICIDES	\$525,914
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F32AI081480	Role of a Borrelia burgdorferi fibronectin-binding protein in Lyme Disease	\$53,810
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R13AI091316	AUTUMN IMMUNOLOGY CONFERENCE	\$10,000
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067869	YOPM AND PROTECTIVE INNATE DEFENSES AGAINST PLAGUE	\$507,596
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI025098	PLAGUE BIOFILM FORMATION--REGULATION AND FUNCTION	\$302,563
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI044254	ANALYSIS OF BORRELIA BURGDORFERI ERP PROTEINS	\$345,384

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2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI049367	BLOCKADE OF HOST APOPTOSIS BY TOXOPLASMA GONDII	\$310,845
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI082143	FUNCTIONAL ROLE OF A HOST METABOLIC ENZYME IN VIRAL REPLICATION	\$201,960
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI088605	CHYLOMICRONS PROMOTE INTESTINAL ABSORPTION AND SYSTEMIC DISSEMINATION OF DIETARY	\$181,018
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$294,030
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI065974	MOLECULAR PATHOGENESIS OF FRANCISELLA TULARNENSIS	\$348,013
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$567,708
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$362,588
2010	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067434	ERADICATION OF A PRIMARY FILARIASIS VECTOR POPULATION AT AN ENDEMIC FIELD SITE	\$239,298
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI069321	MODULATION OF APOPTOSIS BY LEGIONELLA PNEUMOPHILA	\$359,341
2010	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R21AI088585	PLANT-PRODUCED ACTINOHIVIN AS A CANDIDATE HIV MICROBICIDE	\$201,150
2010	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI076067	PATHOGENESIS OF NATURAL SIV AND STLV INFECTIONS IN HUMANS	\$648,307
2010	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI087302	MONOCYTE/MACROPHAGES IN THE PATHOGENESIS OF AIDS IN MACAQUES	\$206,250
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$362,588
2010	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI072327	CFTR EXPRESSION AND FUNCTION IN HUMAN NEUTROPHILS	\$339,298
2010	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI082119	PRECLINICAL DEVELOPMENT OF RECOMBINANT ANTIGEN DIAGNOSTICS FOR LASSA FEVER	\$1,353,910
2010	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$824,281
2010	CHILDREN'S HOSPITAL	LA	R01AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$475,109
2010	XAVIER UNIVERSITY OF LOUISIANA	LA	SC1AI081660	ALLOSTERIC BINDING IN ANTIBODIES AND PROTEIN ANTIGENS	\$205,688
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085172	CHARACTERIZATION AND USE OF A NOVEL AT-HOOK PROTEIN IN LEISHMANIA	\$213,000
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$274,688

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2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$362,588
2010	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OSPC REGULATION AND PATHOGENIC STRATEGY OF BORRELIA BURGDORFERI	\$366,300
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$315,184
2010	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI083563	Congenital Transmission of Lineages I and II of Trypanasoma cruzi	\$613,992
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085231	HELICOBACTER PYLORI ACQUISITION OF IRON FROM THE HOST	\$213,240
2010	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R44AI082778	PEPTIDE INHIBITORS OF INFLUENZA ENTRY-FAST TRACK	\$1,305,089
2010	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI089323	Genetic Requirements for the survival of Tubercle Bacilli in Nonhuman Primates	\$571,220
2010	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	U19AI089696	Population-based Approach to Malaria Research and Control	\$1,404,101
2010	SOUTHEASTERN LOUISIANA UNIVERSITY	LA	R15AI084023	SPATIOTEMPORAL COMPARISON OF ABERRANT & ECTOPIC VDJ RECOMBINATION EVENTS IN VIVO	\$195,195
2010	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R56AI085081	REPEATED BACTERIAL STIS AMONG HETEROSEXUAL MEN	\$735,078
2010	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$366,300
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI085140	REGULATORY T-CELLS AND CHRONIC COLITIS	\$219,750
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI081996	SIGNAL TRANSDUCTION AND PILUS/TOXIN REGULATION BY VIBRIO CHOLERAE	\$181,294
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI082310	PERSISTENT NOROVIRUS INFECTION IMPAIRS PROTECTIVE IMMUNITY	\$219,750
2010	TULANE UNIVERSITY, SCHOOL OF MEDICINE	LA	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$428,151
2010	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	K22AI083373	MECHANISMS OF PROSTAGLANDIN E2 INDUCTION BY FRANCISELLA TULARENSIS	\$162,000
2010	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI091457	ROLE OF MIRNA IN LUNG DAMAGE DURING TB AND TB/AIDS CO-INFECTION	\$247,500
2010	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI091501	MONOCYTE/MACROPHAGES IN PEDIATRIC AIDS	\$206,250
2010	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI081171	ROLE OF PLASMACYTOID DENDRITIC CELLS IN HUMAN METAPNEUMO VIRUS INFECTION	\$74,000
2010	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI041707	SKIN HOMING T CELLS -- MOLECULAR CHARACTERIZATION OF CLA	\$424,484
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064588	EVOLUTION OF STRESS-INDUCED BACTERIAL TOXINS	\$322,530

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2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI071448	IMPACT OF IFN-GAMMA ON NEURAL STEM CELL REPAIR POTENTIAL IN EAE	\$323,436
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI077795	CD1D-RESTRICTED NKT CELLS IN MICROBIAL INFECTION	\$136,350
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$98,147
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI049268	GLYCOPROTEIN INTERACTIONS IN PARAMYXOVIRUS FUSION	\$394,547
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI049524	MHC PROTEINS, COPOLYMERS AND PEPTIDE 15MERS IN EAE	\$407,900
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026126	MECHANISMS REGULATING HSV TK EXPRESSION DURING INFECTION	\$370,388
2010	BETH ISRAEL HOSPITAL	MA	R01AI049954	GENE TRANSCRIPTION IN SLE	\$420,750
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$418,275
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI053669	TEMPORAL REQUIREMENTS FOR INTRACELLULAR PATHOGENESIS	\$399,374
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046564	IMMUNOBIOLOGY OF JAK3 DEFICIENT MICE	\$344,794
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI024643	STATISTICAL METHODS IN AIDS RESEARCH	\$309,312
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$415,185
2010	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	\$2,126,315
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046706	POLY-N-ACETYL GLUCOSAMINE AS A VACCINE FOR BACTERIAL PATHOGENS	\$465,189
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI060548	RESEARCH TRAINING IN ALLERGY AND IMMUNOLOGY AT MASSACHUSETTS GENERAL HOSPITAL	\$175,166
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI069939	HIV-HEPATITIS C VIRUS INTERACTIONS AND PATHOGENESIS	\$371,317
2010	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$5,206,535
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	P01AI071195	IMMUNE RESPONSE CONSORTIUM: INTEGRATED IN SILICO, IN VITRO, AND IN VIVO STUDIES	\$1,647,491
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI073871	ADAPTIVE IMMUNITY IN VIRUS-INDUCED DIABETES IN BBDR RATS	\$444,205
2010	BETH ISRAEL HOSPITAL	MA	R01AI073133	MECHANISM OF ANTIBODY NEUTRALIZATION OF VIRUSES	\$371,481
2010	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$839,234
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI065858	CELLULAR AND MOLECULAR EFFECTORS OF SYNOVITIS	\$2,045,248

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI074503	DEVELOPMENT OF NOVEL IMMUNOTHERAPY FOR INFLUENZA VIRUS INFECTION	\$937,230
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI070085	HARVARD LONGWOOD MEDICAL AREA TRAINING GRANT IN TRANSPLANTATION	\$160,432
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI070330	EVOLUTIONARY LEAD OPTIMIZATION FOR IMMUNOTHERAPY OF MARBURG & EBOLA VIRUSES	\$772,657
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI080286	ROLE OF CYTOKINES IN THE PERSISTENCE OF TOLERIZED T CELLS	\$46,380
2010	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$877,411
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI071776	HOST GENETICS OF HIV-1 SUBTYPE C INFECTION, PROGRESSION, AND TREATMENT IN AFRICA	\$663,361
2010	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	\$502,425
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$421,497
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068871	LEUKOTRIENES AND LUNG INFLAMMATION	\$396,367
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI077473	GENOTYPIC AND PHENOTYPIC CHARACTERIZATION OF HETEROSEXUALLY TRANSMITTED HIV-1	\$346,097
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$429,413
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI071306	MECHANISMS OF PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV VACCINES	\$3,370,567
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084753	MECHANISMS AND OPTIMIZATION OF EPITOPE PRESENTATION BY HIV-INFECTABLE CELL SUBSET	\$438,075
2010	BOSTON UNIVERSITY	MA	R21AI081596	MECHANISM OF HIV-1 ATTACHMENT TO DENDRITIC CELLS	\$201,094
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070926	VIRULENCE MECHANISMS OF GROUP A STREPTOCOCCAL TOXINS	\$382,388
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI075037	STUDIES OF FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$424,875
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$935,323
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI076471	HTS FOR ENHANCERS OF NEUTROPHIL FUNCTION THAT SPECIFICALLY AUGMENT PIP3 SIGNAL	\$381,645
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI083907	HUMANIZED MOUSE MODELS OF SEVERE COMBINED IMMUNODEFICIENCY	\$254,678

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$999,461
2010	BOSTON COLLEGE	MA	R01AI081924	Cytoskeleton scaffold assembly in Toxoplasma gondii	\$348,604
2010	FRAUNHOFER USA INC	MA	R01AI090815	Bacterial Drug Susceptibility Identification by Surface Enhanced Raman Microscopy	\$915,942
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R03AI081080	HISTONE RECOGNITION IN THE CONTROL OF CENTRAL TOLERANCE BY AIRE	\$80,933
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI087666	ROLE OF IL-4R-ALPHA SIGNALING IN FOOD ALLERGEN SENSITIZATION AND ANAPHYLAXIS	\$214,271
2010	BETH ISRAEL HOSPITAL	MA	R21AI082264	TYPE IV SECRETION SYSTEM THERAPEUTICS	\$217,135
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI088314	GENETIC VALIDATION OF ESSENTIAL ASEXUAL STAGE GENES IN PLASMODIUM FALCIPARUM	\$245,250
2010	AURITEC PHARMACEUTICALS LLC	MA	R44AI069674	DEPOT CALCINEURIN INHIBITORS TO PREVENT GRAFT REJECTION	\$839,479
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI085051	Drug Resistance in HCV NS3/4A - Inhibitor binding versus substrate recognition	\$411,042
2010	BOSTON UNIVERSITY	MA	R21AI079370	ROLE OF P53 IN LITAF PROCESS	\$241,313
2010	TUFTS UNIVERSITY	MA	R01AI088748	Development of Vaccines against Clostridium difficile Infection	\$663,948
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI086134	Thymic Rejuvenation for the Induction of Transplantation Tolerance	\$417,717
2010	MICROBIOTIX, INC	MA	R43AI088854	STRUCTURE-BASED DESIGN OF SORTASE INHIBITORS FOR ANTI-INFECTIVE THERAPY	\$300,000
2010	BOSTON MEDICAL CENTER	MA	R21AI081687	RECOMBINATION-QUIESCENT GENES & PHYLOGENIC VALIDATION OF ENCODED VACCINE TARGETS	\$253,500
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081845	Mechanisms of Clinical Reactivity or Tolerance to Mouse Allergen	\$825,373
2010	DANA-FARBER CANCER INSTITUTE	MA	U19AI091693	Eliciting B cells to produce anti-HIV gp41 MPER-specific neutralizing antibodies	\$1,640,840
2010	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI087879	Sortase-mediated protein engineering for the study of host-pathogen interactions	\$487,500
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI083426	Function of stellate cells in immunity and T cell instruction	\$525,000
2010	IMMUNETICS, INC	MA	R43AI091291	RAPID POINT OF-CARE TEST FOR LYME SERODIAGNOSIS BASED ON NOVEL ULTRA-SENSITIVE DE	\$300,000
2010	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI087452	Molecular basis of myelomonocytic receptor function in HIV-1 infection	\$494,500
2010	Charles Stark Draper Laboratory, Inc.	MA	R21AI085454	ANALYSIS OF EXHALED VOLATILES FOR THE DIAGNOSIS	\$293,938
2010	TUFTS UNIVERSITY	MA	R01AI081794	Contact sensing and C. albicans-host interaction	\$412,500

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084884	Mechanisms of anti-fungal immunity mediated by SCARF1 and CD36	\$420,537
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI063428	CD1D AND NKT CELL ACTIVATION AND FUNCTION IN INFECTION	\$433,300
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI091649	DISCOVERY AND ASSESSMENT OF GENETIC DETERMINANTS OF HCV AND HIV CONTROL	\$837,583
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI074245	DEGS PROTEASE AND INITIATION OF THE ENVELOPE-STRESS RESPONSE	\$52,154
2010	BOSTON UNIVERSITY	MA	R01AI048611	THE GONOCOCCAL FUR REGULON: LINK TO PATHOGENESIS	\$361,969
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050892	SEQUENTIAL CONTROL OF NEUTROPHIL RECRUITMENT BY LTB4 AND OTHER CHEMOATTRACTANTS	\$438,075
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$329,440
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$746,916
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$693,662
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067731	ANTIGEN-SPECIFIC CD8+ T CELLS AND PROTECTIVE IMMUNITY TO TUBERCULOSIS	\$377,211
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$371,317
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$284,701
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072252	DIFFERENTIATION AND REGULATION OF CTL	\$411,543
2010	UNIVERSITY OF MASSACHUSETTS	MA	P01AI046629	Viral Infection Influence on Transplantation Tolerance	\$1,831,155
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI059027	LOCALIZATION OF RECOMBINATION SITES IN E. COLI	\$251,979
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$652,760
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$543,124
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI066454	HAART TO PREVENT HIV TRANSMISSION TO INFANTS IN BOTSWANA	\$866,664
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K02AI070785	IEX-1 IN BRIDGE OF INNATE TO ADAPTIVE IMMUNE RESPONSES TO MEMORY T CELLS	\$106,110
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$0
2010	BETH ISRAEL HOSPITAL	MA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$1,446,413
2010	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$420,750
2010	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$148,637
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$371,480
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$2,890,214

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2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$167,365
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$2,241,049
2010	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$1,852,576
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$438,075
2010	DANA-FARBER CANCER INSTITUTE	MA	F32AI077371	TARGETING HIV WITH HYDROCARBON-STAPLED FUSION HELICES	\$53,810
2010	DANA-FARBER CANCER INSTITUTE	MA	K01AI073861	STUDIES ON THE EPIDEMIOLOGY OF H5N1 INFLUENZA EVOLUTION	\$91,142
2010	BIOHELIX CORPORATION	MA	R44AI066487	HERPES VIRUS TYPING ASSAY FOR DETECTING GENITAL HERPES	\$626,718
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$400,455
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI067693	PROSPECTIVE MULTICENTER STUDY OF BRONCHIOLITIS ADMISSIONS: ETIOLOGY & DISPOSITION	\$796,878
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI083516	MECHANISMS OF PULMONARY MAST CELL RECRUITMENT AND MATURATION	\$401,940
2010	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI077801	VITAMIN D DEFICIENCY AND THE SEVERITY OF BRONCHIOLITIS	\$132,300
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084657	ELUCIDATING THE ROLE OF T-REGS IN ENGRAFTMENT, GVHD, AND DLI IMMUNOTHERAPY	\$428,585
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084106	IMMUNE RESPONSES AGAINST HIV-INDUCED CELL-DERIVED NEOEPITOPES AND HIV CONTROL	\$518,357
2010	NORTHEASTERN UNIVERSITY	MA	R01AI076372	A SYNERGY-BASED THERAPY AGAINST C. DIFFICILE	\$459,800
2010	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$2,595,567
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI084413	ROLE OF SYNDECAN-1 IN S. AUREUS PNEUMONIA	\$212,541
2010	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087992	SIV-SPECIFIC IMMUNITY IN BREAST MILK DURING INFECTION AND AFTER VACCINATION	\$132,300
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI084785	STRUCTURAL APPROACHES TO HIV-1 IMMUNOGEN DESIGN FOR BNAB GENERATION	\$592,373
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI090735	NATURAL KILLER CELLS AND CONTROL OF SIV INFECTION	\$794,742
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI074957	REGULATORY TARGETS OF P38 MAP KINASE IN INFLAMMATION	\$384,251
2010	IMMUNETICS, INC	MA	R43AI080004	REVERSE LINE BLOT FOR DIAGNOSIS OF INFECTIVE ENDOCARDITIS	\$300,000

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2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084756	REGULATORY COSTIMULATORY PATHWAYS & FETOMATERNAL TOLERANCE	\$382,573
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI087498	MECHANISMS OF LENTIVIRAL RESISTANCE TO TETHERIN	\$216,875
2010	ARIETIS CORPORATION	MA	R44AI074258	THERAPY AGAINST RECALCITRANT C. ALBICANS INFECTION	\$986,559
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088578	C-MYC DNA BREAKS AND C-MYC-IGH LOCUS TRANSLOCATIONS: ROLES OF AID AND OXIDATION	\$205,625
2010	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI090866	MOLECULAR BASIS OF ADCC-MEDIATED HIV PROTECTION	\$645,639
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI089698	A METHOD FOR THE DESIGN OF LOW-COST PAPER-BASED POINT-OF-CARE DIAGNOSTIC DEVICES	\$45,590
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R33AI080565	IMMUNOLOGICAL COMPLICATIONS OF RADIATION COMBINED INJURY	\$412,408
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R00AI075285	CENTRAL NERVOUS SYSTEM AUTOIMMUNITY AND IMMUNOREGULATION IN THE ZEBRAFISH	\$254,850
2010	CATABASIS PHARMACEUTICALS INC	MA	R43AI091070	CAT1920: A SMALL MOLECULE THERAPEUTIC FOR THE TREATMENT OF IBD	\$179,900
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066013	MECHANISMS OF IMMUNITY TO PNEUMOCOCCAL COLONIZATION	\$410,329
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI070788	ROLE OF MICRO-RNAS IN T CELLS AND OTHER IMMUNE/HAEMATOPOIETIC CELLS	\$0
2010	BOSTON UNIVERSITY	MA	R01AI073149	CO-FACTORS IN HIV MUCOSAL INFECTION	\$542,183
2010	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI076625	A NOVEL MUTATION IN HUMAN IKBALPHA IDENTIFIES A DOMAIN ESSENTIAL FOR FUNCTION	\$132,300
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$391,532
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI057754	TRANSCRIPTION REGULATION IN PSEUDOMONAS AERUGINOSA	\$358,586
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$382,157
2010	BETH ISRAEL HOSPITAL	MA	R01AI062789	EXPRESSION AND FUNCTION OF THE TLRs ON T CELLS	\$368,399
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI048825	SYNTHESIS OF ANTIBIOTICS	\$309,312
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$601,803
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI069516	WESTERN NEW ENGLAND MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS UNIT	\$765,163
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069456	BOTSWANA-HARVARD SCHOOL OF PUBLIC HEALTH AIDS INITIATIVE PARTNERSHIP CTU	\$3,530,203

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2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$458,803
2010	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$1,313,791
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$543,427
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$402,203
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$406,828
2010	DANA-FARBER CANCER INSTITUTE	MA	U01AI074518	HUMAN MAB COCKTAILS TO PREVENT & TREAT H5N1 AVIAN INFLUENZA	\$1,444,744
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI069208	DEVELOPMENT AND MAINTENANCE OF MEMORY CD8 T CELLS	\$382,880
2010	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$412,500
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI065540	MECHANICS OF BACTERIAL SWARMING	\$249,480
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$838,700
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI075286	A C.ELEGANS HIGH-THROUGHPUT ASSAY FOR THE IDENTIFICATION OF NEW ANTIFUNGAL AGENTS	\$438,075
2010	BRANDEIS UNIVERSITY	MA	U01AI075466	DEVELOPMENT OF IMPDH-TARGETED DRUGS AGAINST CRYPTOSPORIDIUM	\$765,673
2010	BOSTON COLLEGE	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$899,251
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI073651	B CELL ACTIVATION DURING VIRAL INFECTION	\$394,547
2010	BOSTON UNIVERSITY	MA	U01AI075386	SHIGA-TOXINS: PRE-CLINICAL ANIMAL MODEL DEVELOPMENT AND THERAPEUTIC TESTING	\$783,314
2010	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$405,726
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$234,413
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	\$136,375
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI071319	INNATE IMMUNE RECEPTORS FOR TOXOPLASMA GONDII	\$596,019
2010	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$379,738
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI077412	NEF FUNCTION IN HIV INFECTIVITY	\$381,967
2010	TUFTS UNIVERSITY	MA	R01AI064872	A THERMOSTABLE MEASLES VACCINE	\$553,792
2010	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI076425	TB VACCINE CANDIDATES FOUND IN PATIENTS' BODILY FLUIDS AND MURINE MHC-1 MOLECULE	\$584,485
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081724	Molecular signaling in Shigella dissemination	\$442,500

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2010	SPRING BANK TECHNOLOGIES INC	MA	R43AI084186	DINUCLEOTIDE ISOMER AS A NOVEL ANTIVIRAL	\$300,000
2010	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$1,215,012
2010	MICROBIOTIX, INC	MA	R43AI083032	NOVEL ANTIBACTERIALS TARGETING GRAM-NEGATIVE NONFERMENTERS	\$261,038
2010	BOSTON UNIVERSITY	MA	U01AI082954	EARLY HOST IMMUNE RESPONSE IN PROTECTION AGAINST FILOVIRUS INFECTION	\$667,357
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI081675	VIRUS INDUCED IMMUNOPATHOLOGY	\$407,138
2010	BIOHELIX CORPORATION	MA	U01AI082522	LOW COMPLEXITY, INSTRUMENT-FREE FOR CT/NG	\$661,770
2010	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$2,366,186
2010	BETH ISRAEL HOSPITAL	MA	P01AI076210	PRIMARY IMMUNO-DEFICIENCIES AFFECTING SPECIFIC STAGES OF THE IMMUNE RESPONSE	\$1,813,883
2010	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI091104	DETERMINANTS OF INTRA-ABDOMINAL ABSCESS FORMATION	\$53,336
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI085399	DIAGNOSTIC SPECT & PET FUNGAL INFECTION IMAGING USING FUNGAL SPECIFIC RRNA PROBES	\$246,375
2010	IQUUM INC	MA	R44AI085892	AUTOMATED MOLECULAR DIAGNOSTICS FOR RAPID DETECTION OF DENGUE VIREMIA USING WHOLE	\$290,430
2010	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087874	MOLECULAR ANALYSIS OF A KINASE ESSENTIAL FOR REPLICATION OF PLASMODIUM FALCIPARUM	\$132,300
2010	BOSTON UNIVERSITY	MA	R33AI076966	AN IN VITRO MODEL OF CELL-ASSOCIATED HIV -1 TRANSMISSION	\$440,766
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI083036	AN HIV PREVENTION PROGRAM FOR MOCHUDI, BOTSWANA	\$1,062,286
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI081693	Control of virulence gene expression in Francisella tularensis	\$428,959
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI089810	IN VITRO DIFFERENTIATION OF RAG1-MUTATED IPS CELLS AND CORRECTION BY MEGANUCLEASE	\$210,217
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI085033	Identifying essential functions in non replicating Mycobacterium tuberculosis	\$137,295
2010	PULMATRIX INC	MA	U01AI082115	INHALED AEROSOLS FOR PREVENTION AND TREATMENT OF RESPIRATORY INFECTIONS	\$699,622
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI084032	HIGH-RESOLUTION ANALYSIS OF DIVERSITY AND VARIATION IN THE HUMAN MICROBIOME	\$210,000
2010	DANA-FARBER CANCER INSTITUTE	MA	R33AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	\$1,016,488

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2010	BOSTON MEDICAL CENTER	MA	R21AI090238	PODOCYTE-SPECIFIC HUMAN PLA2R TRANSGENIC MOUSE MODEL OF MEMBRANOUS NEPHROPATHY	\$253,500
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI088590	ANALYSIS OF FOOD SPECIFIC T CELLS BY A NOVEL MICROENGRAVING TECHNOLOGY	\$247,193
2010	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R37AI047389	Novel Components of the mTORC1 and mTORC2 Pathways	\$487,500
2010	BOSTON UNIVERSITY	MA	R34AI090123	PHASE 2 PHARMACODYNAMIC STUDY OF HIGH-DOSE LEVOFLOXACIN IN MDR-TB TREATMENT	\$281,016
2010	NORTHEASTERN UNIVERSITY	MA	R01AI085005	A HIGH-THROUGHPUT SCREEN FOR SPECIFIC ANTI-M. TUBERCULOSIS COMPOUNDS	\$388,958
2010	TUFTS UNIVERSITY	MA	R01AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$412,500
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI087107	ANTIBODY-BASED CELL PURIFICATION AT RESOURCE LIMITED SETTING FOR HIV	\$267,000
2010	TUFTS UNIVERSITY	MA	R21AI085250	HOST PROTEIN MODULATION OF TYPE III SECRETION	\$247,500
2010	WELLESLEY COLLEGE	MA	R15AI079685	Characterization and Design of Histone-Derived Antimicrobial Peptides	\$221,126
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI057786	EPIDEMIOLOGY OF MULTIDRUG-RESISTANT TUBERCULOSIS IN PERU	\$607,867
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI087475	T-BET AND THE TH1/TH17 BALANCE IN ACUTE HIV INFECTION	\$201,875
2010	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI072895	ISOLATING NOVEL FUNGI FOR ANTIBIOTIC DISCOVERY	\$999,356
2010	DANA-FARBER CANCER INSTITUTE	MA	R21AI091557	STUDY OF BROADLY NEUTRALIZING ANTIBODY GENERATION TO HIV GP140 IN HUMANIZED MICE	\$272,982
2010	UNIVERSITY OF MASSACHUSETTS	MA	R13AI091001	16TH SYMPOSIUM ON INFECTIONS IN THE IMMUNOCOMPROMISED HOST	\$4,300
2010	IMMUNETICS, INC	MA	R21AI085453	MOLECULAR DETECTION OF INVASIVE FUNGAL INFECTIONS BY REVERSE LINE BLOT ASSAY	\$230,256
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090698	PROTECTIVE ROLE OF SUBDOMINANT RESPONSES TO HIV RESTRICTED BY COMMON HLA ALLELES	\$441,280
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI080944	Chemical genetic approach to cellular mechanisms of M. tuberculosis virulence.	\$137,085
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081843	Significance of Bacteroides fragilis polysaccharide phase variation	\$388,800
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$641,759
2010	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI087628	Gene Therapy for SCID-X1 using a self-inactivating (SIN) gammaretroviral vector	\$1,352,430

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2010	MARINE BIOLOGICAL LABORATORY	MA	R13AI091196	MICROBIAL DIVERSITY COURSE: BUILDING CAPACITY FOR HUMAN MICROBIOME EXPLORATION	\$13,000
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$781,361
2010	UNIVERSITY OF MASSACHUSETTS	MA	R56AI049361	THE ROLE OF NOTCH SIGNALING IN TCELL FUNCTION	\$377,866
2010	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI068084	LIPID MEDIATORS IN THE RESOLUTION OF ASTHMA EXACERBATIONS	\$429,400
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072004	RHESUS MONKEY RHADINOVIRUS GLYCOPROTEINS, ENTRY, AND NEUTRALIZATION	\$386,471
2010	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	F32AI072935	RECOGNITION AND PHAGOCYTOSIS OF CANDIDA ALBICANS BY THE INNATE IMMUNE SYSTEM	\$55,790
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI048833	CLASS II MHC ANTIGEN PROCESSING IN DENDRITIC CELLS	\$402,188
2010	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$89,733
2010	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$236,425
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI052455	GROUP B. STREPTOCOCCI AND TOLL-LIKE RECEPTORS	\$432,121
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	\$495,090
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI037901	CHARACTERIZATION OF MYCOBACTERIAL SIGMA FACTORS	\$412,509
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI030914	INHIBITION OF HIV 1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	\$438,075
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$399,608
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067737	PNEUMOCOCCAL IMMUNIZATION THROUGH A NOVEL MECHANISM	\$398,429
2010	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$300,264
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI037601	BACTERIUM-ECM INTERACTIONS DURING INFECTION BY THE LYME DISEASE SPIROCHETE	\$383,105
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$429,000
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI042738	ACINETOBACTIN AND C-GLUCOSYLATED ENTEROBACTIN SIDEROPHORES	\$443,085
2010	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$408,375
2010	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$627,394
2010	TUFTS UNIVERSITY	MA	R01AI064218	PERPETUATION OF FRANCISELLA TULARENSIS	\$370,492
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063430	MECHANISM OF PERFORIN ACTIVITY	\$598,172

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI068458	THE EFFICACY AND IMPACT OF ROUTINE HIV AND TB TESTING IN DURBAN, SOUTH AFRICA	\$133,920
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI071155	REMODELING OF THE M. TUBERCULOSIS CELL WALL DURING INFECTION	\$412,575
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$708,016
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$412,575
2010	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	CELLULAR IMMUNITY TO CATEGORY A-C VIRUSES IN HUMANS	\$3,237,810
2010	BOSTON MEDICAL CENTER	MA	T32AI052074	BU Clinical HIV/AIDS Research Training Program	\$149,664
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067353	ADENOSINE SHAPES NEONATAL TOLL-LIKE RECEPTOR FUNCTION	\$358,586
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$279,724
2010	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$809,635
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$471,471
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI032412	TRANSCRIPTIONAL REGULATION OF THE IMMUNE RESPONSE	\$469,980
2010	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$236,654
2010	TUFTS MEDICAL CENTER	MA	T32AI007438	NEMCH CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$226,661
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$582,896
2010	BETH ISRAEL HOSPITAL	MA	R01AI066924	NOVEL ADENOVIRUS VACCINE VECTORS FOR HIV/SIV	\$721,067
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$369,656
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI072143	ROLE OF LIPID MEDIATORS IN HOST RESISTANCE TO MYCOBACTERIUM TUBERCULOSIS	\$438,547
2010	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,347,828
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068616	STATISTICAL AND DATA MANAGEMENT CENTER-PEDIATRIC, ADOLESCENT, AND MATERNAL CTG	\$6,365,182
2010	DANA-FARBER CANCER INSTITUTE	MA	F32AI078810	DEVELOPMENT OF GENE TRANSFER APPROACH FOR PREVENTION OF VAGINAL HIV TRANSMISSION	\$50,474
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$436,943
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,686,927

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2010	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$570,246
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081547	DYNAMIC HIV-1 ESCAPE FROM CCR5 ANTAGONISM IN VITO	\$136,350
2010	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$480,708
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI078287	HOW CELL DEATH AND STERILE PARTICULATES STIMULATE INFLAMMATION AND DISEASE	\$407,034
2010	BETH ISRAEL HOSPITAL	MA	R01AI076138	ARMING NEUTROPHILS FOR THE DESTRUCTION OF HIV BY ANTI-HIV ANTIBODY	\$380,454
2010	FENWAY COMMUNITY HEALTH CENTER	MA	U01AI069480	CLINICAL TRIAL UNIT FOR HIV PREVENTION AND MICROBICIDE RESEARCH	\$652,086
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI083133	DEVELOPMENT OF NEEDLE-FREE, VECTORLESS, RNA-BASED VACCINES FOR HIV	\$254,460
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083497	PROGRAMMED NECROSIS IN IMMUNE RESPONSES	\$410,938
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$645,629
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$427,928
2010	IMMUNE DISEASE INSTITUTE INC	MA	R21AI076023	T CELL SUBSETS AND THEIR FUNCTION IN TB/HIV PARADOXICAL REACTIONS	\$207,900
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI081483	ENTEROHEMORRHAGIC ESCHERICHIA COLI VIRULENCE REGULATION BY NON-CODING RNAS	\$50,474
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI081534	POINT-OF-CARE RAPID BLOOD TESTING USING MICROFLUIDIC DEVICES	\$432,828
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$365,774
2010	ANCORA PHARMACEUTICALS INC	MA	R43AI082878	EVALUATION OF A SYNTHETIC ANTI-GPI VACCINE CANDIDATE IN SEVERE ANEMIA MODELS OF M	\$264,110
2010	MICROBIOTIX, INC	MA	R43AI082799	NOVEL METHYLENECYCLOPROPANE ANALOGUES AS ANTI-HUMAN HERPESVIRUS 6 AND 8 AGENTS	\$313,028
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081990	The Abeta protein of Alzheimer's Disease is an antimicrobial peptide	\$433,260
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI081429	T-BET REGULATES CD4 MEMORY TO BACTERIAL INFECTION WITH C. TRACHOMATIS	\$50,474
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083365	Peptidoglycan Biogenesis in Escherichia Coli	\$421,665
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$799,026
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084011	Genetic Epidemiology of Life-Threatening Influenza in Children	\$673,800

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2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI088124	COMPREHENSIVE DETERMINATION OF TRANSCRIPTION FACTOR LOCATION IN FRANCISELLA	\$257,375
2010	IMMUNE DISEASE INSTITUTE INC	MA	R03AI090428	BIOINFORMATIC STRATEGY TO IDENTIFY CALCINEURIN INTERACTORS IN THE HUMAN PROTEOME	\$105,000
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI085366	NUCLEAR DNA REPLICATION INITIATION MACHINERY IN TRYPANOSOMES	\$224,537
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R34AI091439	ANTI- IL5 THERAPY FOR CHURG-STRAUSS SYNDROME: A DOUBLE BLIND RANDOMIZED, PLACEBO-	\$288,561
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI080948	INNATE SIGNALING, CYSTEINYL LEUKOTRIENES, AND ASTHMA ELICITED BY HOUSE DUST MITE	\$136,485
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,690,085
2010	DANA-FARBER CANCER INSTITUTE	MA	R56AI090682	DESIGN OF DENDRIMERIC HIV-1 TRANSMISSION INHIBITORS TARGETING GP120 PHE-43 CAVITY	\$575,982
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI089350	NOVEL MONITORING STRATEGY AND FITNESS ANALYSIS OF TRANSMITTED HIV DRUG RESISTANCE	\$256,785
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI081949	THE ROLE OF HOST GLYCOSAMINOGLYCAN IN INFECTION AND IMMUNITY	\$446,535
2010	BETH ISRAEL HOSPITAL	MA	R01AI051645	AIRWAYS EOSINOPHILS AS ANTIGEN-PRESENTING CELLS IN ASTHMA	\$420,750
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI032890	CELLULAR CO-FACTORS OF HIV-1 INFECTION	\$355,092
2010	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI033456	ASSEMBLY OF MHC CLASS I MOLECULES IN VITRO AND IN VIVO	\$800,339
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007498	PH.D. PROGRAM IN IMMUNOBIOLOGY	\$259,506
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007349	Training in Immunology and Virology	\$174,506
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI046006	HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$731,734
2010	BETH ISRAEL HOSPITAL	MA	R01AI022571	CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	\$420,750
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,236,376
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI033600	CHARACTERIZATION OF MAMMALIAN STRESS GRANULES	\$412,575
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$373,241
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$454,797
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$399,608

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063433	FUNCTION OF MVFR IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$377,071
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$403,144
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI033062	IKAROS REGULATION: STUDY ON HEMO-LYMPHOPOIESIS	\$387,676
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI066992	INDUCTION OF HIV-SPECIFIC IMMUNE RESPONSES	\$504,255
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$10,656,604
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$444,258
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$1,959,368
2010	TUFTS UNIVERSITY	MA	R01AI024465	IMMUNITY IN TRANSGENIC MICE	\$385,463
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	K08AI062752	CMV-SPECIFIC CD8+ T CELL RESPONSES IN KIDNEY TRANSPLANT RECIPIENTS	\$108,000
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$407,138
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI025328	MOLECULAR BASIS FOR SIV PATHOGENICITY	\$398,429
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$765,601
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$619,144
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI070839	GENETIC ANALYSIS OF VDJ RECOMBINATION REGULATION	\$130,950
2010	BETH ISRAEL HOSPITAL	MA	R01AI015066	CELL SURFACE RECEPTORS ON T CELLS AND MACROPHAGES	\$412,757
2010	TUFTS MEDICAL CENTER	MA	K23AI074423	EMERGENCE OF HIV DRUG RESISTANCE: LOW-FREQUENCY MUTATIONS AND ASSOCIATED FACTORS	\$123,390
2010	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$569,914
2010	BOSTON UNIVERSITY	MA	P01AI078894	Role of Innate Immune System in Pathogen Induced Chronic Inflammation	\$1,510,251
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$837,603
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI022021	MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	\$754,551
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$147,331
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$838,529
2010	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$197,902
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067653	POLYMYXIN-RESISTANT PSEUDOMONAS IN CF LUNG INFECTION	\$683,379
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068634	STATISTICAL AND DATA MANAGEMENT CENTER FOR THE AIDS CLINICAL TRIALS GROUP	\$14,534,467

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2010	MICROBIOTIX, INC	MA	U01AI070430	NOVEL SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXIN A	\$1,909,652
2010	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$392,288
2010	BETH ISRAEL HOSPITAL	MA	K23AI074638	DEVELOPMENT AND EVALUATION OF A NOVEL DIAGNOSTIC TEST FOR ACTIVE TUBERCULOSIS	\$126,630
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083713	ROLE OF PISA; A PYHIN FAMILY MEMBER IN INTRACELLULAR DNA RECOGNITION	\$407,138
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$2,689,363
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084579	INFANT MALE CIRCUMCISION IN BOTSWANA: FEASIBILITY, SAFETY AND ACCEPTABILITY	\$136,957
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI079569	GENOME-WIDE INVESTIGATIONS IN FUNGAL PATHOGENS UTILIZING AN INVERTEBRATE MODEL HO	\$262,845
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI078073	MULTI-GENE SUBUNIT VACCINE PLATFORM AGAINST Y. PESTIS	\$423,405
2010	TUFTS UNIVERSITY	MA	R21AI090419	UNDERSTANDING GENETIC BASIS FOR RESISTANCE TO TNF-INDUCED LETHAL SHOCK USING NEW	\$206,250
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$411,291
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI082369	LIPIDOMIC AND TRANSCRIPTOME SIGNATURES IN ASPIRIN-EXACERBATED RESPIRATORY DISEASE	\$220,275
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$423,638
2010	BOSTON UNIVERSITY	MA	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$1,431,548
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081747	Innate Immune Recognition of Candida albicans Infection in a C. elegans Model	\$136,465
2010	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$536,539
2010	TUFTS UNIVERSITY	MA	R21AI088489	REVERSING BOTULISM WITH AGENTS THAT ACCELERATE INTRANEURONAL TOXIN DEGRADATION	\$210,060
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$407,138
2010	BIOHELIX CORPORATION	MA	R43AI088787	MOLECULAR TESTS FOR MALARIA THAT CAN BE PERFORMED WITH UNPROCESSED SAMPLES	\$277,315
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI088478	HUMAN MEMORY B CELLS IN HUMANIZED MICE	\$265,500
2010	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$123,803

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2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078784	TLR-MEDIATED GENDER DIFFERENCES IN HIV-1 PATHOGENESIS	\$442,500
2010	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI091224	DRUG DISCOVERY FROM SLOW GROWING AND RARE MICROBIAL SPECIES	\$299,417
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI084442	MOLECULAR REGULATION OF BIOLOGICAL STRESS RESPONSE	\$47,606
2010	BETH ISRAEL HOSPITAL	MA	R21AI083762	PATHOGENESIS OF CUTANEOUS LUPUS ERYTHEMATOSUS	\$217,239
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI085581	IDENTIFYING NOVEL ANTI-INFECTIVES BY HIGH THROUGH-PUT SCREENING IN WHOLE ANIMALS	\$926,799
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI084546	GUT MUCOSAL IMMUNITY TO HIV-1 IN CONTROLLED AND PROGRESSIVE INFECTION	\$123,711
2010	BROAD INSTITUTE INC	MA	R00AI076608	IDENTIFICATION AND CHARACTERIZATION OF NON-CODING RNAs IN DIVERSE BACTERIA	\$246,510
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI090366	A FUNCTIONAL GENOMIC SCREEN TO IDENTIFY HOST CELL REGULATORS OF TRYPANOSOMA CRUZI	\$245,250
2010	BETH ISRAEL HOSPITAL	MA	R37AI020241	Human Eosinophils: Mechanisms of Functioning	\$434,271
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089858	Mycolate-specific T cell function in human immunity to Mycobacterium tuberculosis	\$136,957
2010	ORGANIX, INC	MA	R03AI088542	NOVEL 2'- AND 3'- BRANCHED CARBOCYCLIC NUCLEOSIDES WILL BE SYNTHESIZED AND EVALUA	\$104,500
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077558	Cytoadherence and sequestration in malaria transmission stages	\$408,750
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI075761	TGFBETA, IL-6 & IL-23 IN INDUCTION OF PATHOGENIC VS. REGULATORY T CELLS IN VIVO	\$56,654
2010	BETH ISRAEL HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$330,205
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI050207	HUMAN NATURAL KILLER CELLS: FORMATION AND STRUCTURE OF ACTIVATING SYNAPSES	\$407,901
2010	DANA-FARBER CANCER INSTITUTE	MA	P01AI048240	Vaccination against mucosal HIV clade C transmission	\$2,199,333
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$558,324
2010	GLSYNTHESIS, INC	MA	R44AI051103	PRECLINICAL DEVELOPMENT OF A NOVEL ANTIBACTERIAL FOR CLOSTRIDIUM DIFFICILE DISEAS	\$620,114
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI051378	EXTRATHYMIC T CELL PRECURSORS: COMMITMENT AND EFFICACY	\$390,180
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI081734	MECHANISMS OF ACCEPTANCE IN MOUSE RENAL ALLOGRAFTS	\$442,500
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI069007	PHASE-VARIABLE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$358,586

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI069472	PARTNERS HEALTHCARE SYSTEMS/HARVARD MEDICAL SCHOOL/BOSTON MEDICAL CENTER AIDS CTU	\$3,027,841
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060991	GENETIC CONTROL OF IMMUNE RESPONSE TO LISTERIA INFECTION	\$344,794
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$403,144
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$435,000
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI053330	Human Decidual Leukocytes and Their Placental Ligands	\$492,554
2010	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$408,375
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069403	HARVARD TANZANIA HIV/AIDS CLINICAL TRIALS UNIT	\$679,864
2010	TUFTS MEDICAL CENTER	MA	K23AI071872	GENETIC ANALYSIS OF HIV COMPLICATIONS	\$122,814
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$423,750
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$418,176
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI067438	STRUCTURAL BASIS FOR INFLUENZA AMANTADINE-RESISTANCE	\$319,685
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$625,818
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$303,520
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI072033	GENETIC DIVERSITY OF PLASMODIUM FALCIPARUM AND SEVERE MALARIA IN AFRICA	\$135,540
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI067519	CHEMOKINE RECEPTORS AND THE INTERFERON GAMMA PATHWAY IN TH1 CELL TRAFFICKING	\$130,140
2010	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$472,948
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P30AI042845	UMASS CENTER FOR AIDS RESEARCH (CFAR)	\$1,323,608
2010	MATTEK CORPORATION	MA	U01AI070914	VAGINAL/CERVICAL TISSUE MODELS: ENDOCRINE EFFECTS AND SUSCEPTIBILITY TO INFECTION	\$619,724
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,790,528
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOIMMUNOMICS AND VIBRIO CHOLERAE VACCINE DEVELOPMENT	\$1,079,893
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI070940	MECHANISMS OF VACCINIA VIRUS INNATE IMMUNE INHIBITION	\$394,547
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI076189	CYTOMEGALOVIRUS AND NUCLEAR TUMOR SUPPRESSORS	\$394,547
2010	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$904,595

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2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI070963	GENETIC AND ECOLOGICAL FACTORS IN TRANSMISSIBILITY AND EPIDEMIC CYCLE OF CHOLERA	\$321,950
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	DISEASE INITIATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$125,091
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI079198	THE ROLE OF THE PHAGOSOME IN INNATE IMMUNE SENSING	\$390,434
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083503	IMMUNODEFICIENCY CAUSED BY MUTATIONS IN LRRC8	\$424,875
2010	BETH ISRAEL HOSPITAL	MA	R01AI080582	PURINERGIC RECEPTORS IN INFLAMMATION	\$354,420
2010	NETWORK BIOSYSTEMS INC	MA	R43AI084206	A RAPID POINT-OF-CARE DIAGNOSTIC FOR C.TRACHOMITIS STDS	\$430,463
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T-CELLS	\$406,622
2010	BOSTON UNIVERSITY	MA	R03AI090404	GENERATION OF IL-33 DEFICIENT MICE	\$81,250
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI079788	NOVEL APPROACH TO ORAL GENE THERAPY FOR CHRONIC GRANULOMATOUS DISEASE	\$244,158
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI089052	Mechanism of Class III viral fusion proteins.	\$45,590
2010	BRANDEIS UNIVERSITY	MA	R01AI080791	MULTISCALE MODELING OF MECHANISMS FOR VIRAL CAPSID ASSEMBLY AND POLYMORPHISM	\$227,740
2010	IMMUNETICS, INC	MA	R43AI085815	REVERSE LINE BLOT ASSAY FOR TRYPANOSOME AND LEISHMANIA DETECTION AND IDENTIFICATI	\$299,999
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI084490	FUNCTIONAL CHARACTERIZATION OF HSV-1 DNA POLYMERASE PREN-AND N -TERMINAL DOMAINS	\$28,571
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088495	INFLAMMATORY AND SUPPRESSIVE MECHANISMS OF CNS AUTOIMMUNITY	\$205,417
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI087191	PRODUCTION OF NEUTRALIZING MABS FROM HIV VACCINEES	\$226,188
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI087846	Regulation of Host Innate Immunity Against Viral Infection	\$390,375
2010	IQUUM INC	MA	R44AI081387	AUTOMATED NEAR-PATIENT MOLECULAR DIAGNOSTICS AND DISCRIMINATION OF SEASONAL INFL	\$1,249,116
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI090867	INDUCING NEUTRALIZING ANTIBODIES TO HIV BY INHIBITING SIAE	\$637,431
2010	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI083459	Using natural antibodies to improve vaccines	\$464,084
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI087493	MUTATIONAL PATHWAYS IN EARLY HIV INFECTION: NOVEL GUIDE TO IMMUNOLOGIC ANALYSES	\$239,535
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI091450	MODULATION OF HIV-SPECIFIC CD8+ T AND B CELL FUNCTION BY CD4+ T HELPER RESPONSES	\$549,055

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2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI088060	SINGLE NUCLEOTIDE RESOLUTION OF THE PSEUDOMONAS AERUGINOSA TRANSCRIPTOME	\$226,285
2010	MICROBIOTIX, INC	MA	R43AI081399	INHIBITORS OF THE Y. PESTIS CELL SURFACE PLASMINOGEN ACTIVATOR FOR BIODEFENSE	\$285,421
2010	BETH ISRAEL HOSPITAL	MA	R01AI085567	Expanded Double Negative T cells in SLE	\$434,479
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$2,987,979
2010	BOSTON UNIVERSITY	MA	R13AI091177	PATHOGENIC NEISSERIA MEETING	\$14,000
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI089972	Peripheral B Cell Receptor Editing	\$137,065
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI089955	TIM recognition of PtdSer on apoptotic cells and the regulation of immunity	\$428,344
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI089339	A MICROENGRAVING TECHNOLOGY FOR THE STUDY OF LATENTLY HIV-INFECTED PRIMARY CELLS	\$426,909
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$611,852
2010	BETH ISRAEL HOSPITAL	MA	R56AI085131	REGULATION OF INNATE IMMUNE CELL SIGNALING BY SKAP-HOM	\$391,406
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI048820	REGULATION AND COUNTER-REGULATION IN TRANSPLANTATION	\$440,600
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067472	MEMORY T CELLS IN EAE	\$391,304
2010	MASSACHUSETTS EYE & EAR INFIRMARY, OFF OF RES ADMIN	MA	R01AI072360	E. faecalis Pathogenicity Island	\$353,250
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$382,504
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$382,573
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	INNATE CYTOKINE RESPONSES THAT REGULATE AUTOIMMUNITY	\$361,282
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043208	MOLECULAR INTERACTIONS BETWEEN REV AND CELLULAR FACTORS	\$306,483
2010	DANA-FARBER CANCER INSTITUTE	MA	R37AI053102	GENERATION OF ANTIGEN-SPECIFIC REGULATION T CELLS	\$630,324
2010	BETH ISRAEL HOSPITAL	MA	U01AI069412	HARVARD MEDICAL SCHOOL VACCINE CLINICAL TRIALS UNIT	\$923,972
2010	BOSTON UNIVERSITY	MA	R01AI044070	MULTIPLE LECTIN MODEL OF THE CYST WALL OF ENTAMOEBAS	\$380,748
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$520,607
2010	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$814,028
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$2,160,908
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$438,075

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2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI051164	METHODS TO ADVANCE THE HIV PREVENTION RESEARCH AGENDA	\$407,640
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$407,034
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065250	POLYVALENT DNA PLUS PROTEIN HIV VACCINES	\$149,886
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI074405	T CELL REGULATION: CD4+CD25+ FOXP3+ T CELLS IN ACUTE AND CHRONIC HIV-1 INFECTION	\$130,140
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059746	SYNOVIAL MAST CELLS IN INFLAMMATORY ARTHRITIS	\$425,500
2010	BOSTON MEDICAL CENTER	MA	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$506,339
2010	TUFTS MEDICAL CENTER	MA	T32AI007389	HIV PATHOGENESIS TRAINING PROGRAM	\$250,494
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$762,729
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,480,242
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI071147	DROSOPHILA MELANOGASTER AS A MODEL HOST FOR VIBRIO CHOLERAEE	\$410,327
2010	TUFTS UNIVERSITY	MA	R01AI071300	INNATE IMMUNITY AND DENDRITIC CELLS IN CRYPTOSPORIDIOSIS	\$307,653
2010	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$123,800
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$465,138
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$785,364
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI080099	DEFINING THE MECHANISM OF ACTION OF SANGLIFEHRIN A	\$47,606
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI070999	REGULATORY TARGETS AND PATHOGENIC MECHANISMS OF ANTHRAX EDEMA FACTOR	\$387,590
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI080075	ANALYSIS OF CELLULAR EVENTS THAT ALLOW PAPILOMAVIRUS REPLICATION	\$52,154
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI073127	POOLING HIV COHORTS TO INFORM CLINICAL DECISION	\$277,881
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070820	THE ROLE OF TIM-1: TIM-4 PATHWAY IN ALLOGRAFT REJECTION AND TOLERANCE	\$408,625
2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$408,906
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	\$519,750
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI079085	Molecular T. vaginalis-host interactions in relevance to inflammatory sequelae	\$765,263
2010	DETECTOGEN INC	MA	R43AI084259	ANTIGEN DETECTION ASSAY FOR THE DIAGNOSIS OF VISCERAL LEISHMANIASIS	\$198,870
2010	IQUUM INC	MA	R44AI075946	DEVELOPMENT OF POINT-OF-CARE LIAT QUANTITATIVE HIV ASSAY	\$935,770

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2010	BOSTON UNIVERSITY	MA	R01AI074903	RESPIRATORY SYNCYTIAL VIRUS POLYMERASE PROTEIN AND PROMOTER INTERACTIONS	\$402,188
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI078445	MAPK PHOSPHATASES AND INNATE IMMUNITY	\$219,038
2010	MICROBIOTIX, INC	MA	R43AI084278	CARBOCYCLIC NUCLEOSIDES AS THERAPEUTICS FOR EBOLA INFECTIONS	\$300,000
2010	UNIVERSITY OF MASSACHUSETTS	MA	U24AI082663	TLR ECTODOMAINS FOR MICROBIAL DETECTION AND THERAPEUTICS	\$579,343
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$346,500
2010	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$132,300
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI091155	REGULATION OF CD28 SIGNALING IN T CELLS BY CYTOPLASMIC DOMAIN MEMBRANE BINDING	\$41,380
2010	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$908,733
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$425,189
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078957	CHEMICAL BIOLOGICAL AND GENOMIC APPROACHES TO BACTERIAL VIRULENCE REGULATION	\$438,075
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI085669	Tim3 and Mycobacterium tuberculosis	\$517,805
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$137,093
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI087951	PEANUT GLYCOLIPID ANTIGENS ACTIVATE NATURAL KILLER T CELLS CAUSING SEVERE ALLERGY	\$249,725
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088502	REGULATION OF NECROTIC CELL DEATH BY PROTEIN KINASE A AND CYLINDROMATOSIS	\$205,364
2010	IMMUNE DISEASE INSTITUTE INC	MA	R21AI087431	ROLE OF HOST MIRNAS IN PERSISTENT HIV MACROPHAGE INFECTION	\$315,000
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081842	Molecular Mechanisms of Rhabdovirus Entry	\$418,201
2010	TUFTS MEDICAL CENTER	MA	R21AI081643	T. GONDII AS A MODEL FOR INVESTIGATION OF CRYPTOSPORIDIUM GLYCOPROTEIN ANTIGENS	\$199,238
2010	BETH ISRAEL HOSPITAL	MA	F32AI085965	INTERACTION BETWEEN LL-37 AND CSRRS OF GROUP A STREPTOCOCCUS	\$55,790
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI085524	Broad Spectrum Neutralizing Human Abs to SARS and Related Coronaviruses	\$1,093,892
2010	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI085612	HIGH THROUGHPUT ANTIBIOTIC DISCOVERY FROM THE UNCULTIVATED MICROBIAL MAJORITY.	\$298,076
2010	FIREFLY BIOWORKS INC	MA	R43AI085789	MULTIPLEXED ENCODED PARTICLE PCR FOR RAPID PANEL DIAGNOSIS OF SEXUALLY-TRANSMITTE	\$176,400
2010	UNIVERSITY OF MASSACHUSETTS	MA	R21AI088595	EXPLORING THE ROLE OF VIF ANTAGONISTS IN PREVENTING SEXUAL HIV TRANSMISSION	\$288,295

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2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI090121	INVESTIGATING COMPLEX GLYCANS ON BIOLOGICAL SURFACES	\$238,609
2010	IMMUNE DISEASE INSTITUTE INC	MA	R56AI045587	GRANZYME A PATHWAY OF CTL-MEDIATED CELL DEATH	\$525,000
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R56AI089781	INNATE IMMUNITY AND CARDIOVASCULAR FUNCTION	\$555,598
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073109	INCIDENCE AND PREDICTORS OF MYOCARDIAL INFARCTION AMONG HIV-INFECTED PATIENTS	\$137,796
2010	UNIVERSITY OF MASSACHUSETTS	MA	R01AI074958	INTRACELLULAR BACTERIAL RECOGNITION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$285,251
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039759	ASTHMA, AIRWAY INFLAMMATION AND BETA CHEMOKINE RECEPTORS	\$423,638
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043534	REGULATION OF V(D)J RECOMBINATION IN B CELL DEVELOPMENT	\$352,361
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$162,485
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI051559	ROLE OF NEGATIVE T CELL COSTIMULATORY PATHWAYS IN ALLOGRAFT REJECTION AND TOLERANCE	\$384,925
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$350,460
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$412,339
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050429	CD8+ T CELL FUNCTION IN HIV-1 INFECTION	\$382,407
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI020642	INNATE IMMUNITY: SIGNAL TRANSDUCTION AND INTERFERON GENE REGULATION	\$533,802
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$419,513
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067073	PATHOGENESIS OF CLADE C HIV INFECTION	\$602,506
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE	\$676,358
2010	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI046756	ANGIOGENESIS AND CHRONIC REJECTION	\$452,325
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI067497	Gene Regulation in Innate Immunity	\$383,105
2010	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,730,806
2010	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$641,568
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046784	THE ROLE OF CCR4 IN SKIN LYMPHOCYTE HOMING AND IMMUNITY	\$377,211
2010	BETH ISRAEL HOSPITAL	MA	K08AI069995	VIRAL CONSTRAINTS ON SIV ESCAPE FROM CYTOTOXIC T LYMPHOCYTES	\$121,230
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$431,400
2010	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$406,250

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2010	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R37AI015706	SEQUENCE DETERMINANTS OF PROTEIN STRUCTURE AND STABILITY	\$480,521
2010	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$346,916
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI045846	ROLE OF THE PRE-T CELL RECEPTOR IN LINEAGE COMMITMENT	\$361,298
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$551,078
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$471,211
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI039394	BIOCHEMICAL MECHANISM OF HIV DNA INTEGRATION	\$475,037
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI068826	DESIGNING POTENT ANTHRAX VACCINE WITH ENGINEERED PROTECTIVE ANTIGEN	\$408,508
2010	FIRST LIGHT BIOSCIENCES INC	MA	R44AI055195	RAPID, ACCURATE AND USER-FRIENDLY CLINICAL SURGE-TESTING FOR BIOTHREAT AGENTS	\$997,518
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI064226	GROUP V SPLA2 IN INFLAMMATION AND INNATE IMMUNITY	\$130,150
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$169,115
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$352,361
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$320,462
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U24AI082660	GENERATION OF A COMPREHENSIVE PANEL OF REAGENTS FOR RESEARCH ON SCAVENGER RECEPTO	\$599,054
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$2,389,184
2010	TUFTS UNIVERSITY	MA	K25AI079404	LIGHT WEIGHT MODELING OF EPSTEIN BARR VIRUS	\$124,632
2010	NORTHEASTERN UNIVERSITY	MA	R01AI085585	SUPER-PERSISTENT CELLS AND THE PARADOX OF UNTREATABLE INFECTIONS	\$1,050,887
2010	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$18,931,665
2010	MICROBIOTIX, INC	MA	U01AI082052	DEVELOPMENT OF A NOVEL LEAD SERIES AGAINST CATEGORY A & B BACTERIAL PATHOGENS	\$1,124,408
2010	TUFTS UNIVERSITY	MA	F32AI085706	SPATIAL CONTROL OF HOST CELL SIGNALING BY A BACTERIAL PATHOGEN	\$47,606
2010	BOSTON UNIVERSITY	MA	K22AI074909	HOST-PATHOGEN INTERACTIONS IN TARGETING WOLBACHIA TO THE STEM CELL NICHE	\$108,000
2010	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	F31AI078726	SMALL MOLECULE INHIBITORS OF A CANDIDA ALBICANS HISTONE MODIFYING ENZYME	\$25,854

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	BIOHELIX CORPORATION	MA	R44AI077418	LOW COST MOLECULAR ASSAY FOR HIV	\$976,790
2010	DANA-FARBER CANCER INSTITUTE	MA	R01AI084102	STAPLED ANTIGENS FOR HIV-1 VACCINATION	\$432,712
2010	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$470,247
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI089721	High-throughput proteomic study of protective immunity in human cholera infection	\$136,318
2010	BOSTON UNIVERSITY	MA	R01AI087803	Gastro-intestinal microbes degrading dietary gluten	\$427,989
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$136,350
2010	BETH ISRAEL HOSPITAL	MA	K08AI083079	INDUCTION OF MUCOSAL CELLULAR IMMUNITY BY HIV-1 VACCINE VECTORS	\$126,630
2010	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI088754	Novel Bioconjugate Vaccines to Prevent Staphylococcus aureus Infection	\$710,710
2010	BETH ISRAEL HOSPITAL	MA	R01AI084794	IMPACT OF HIV ENVELOPE CONFORMATION ON IMMUNOGENICITY	\$841,137
2010	BETH ISRAEL HOSPITAL	MA	K23AI085181	Dermatotropic cellular immune responses induced by a novel smallpox vaccine	\$128,931
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI083510	Functional role of RAG2 H3K4me3 interaction in V(D)J recombination	\$442,500
2010	TUFTS UNIVERSITY	MA	R03AI088485	A HYBRID BIOMATERIAL-BIOLOGICAL VECTOR FOR ANTIGEN PRESENTING CELL GENE DELIVERY	\$72,382
2010	MICROBIOTIX, INC	MA	R01AI089590	Developing small molecule therapeutics for Ebola hemorrhagic fever virus	\$976,031
2010	IMMUNE DISEASE INSTITUTE INC	MA	R01AI090671	CD4 APTAMER-SIRNA CHIMERAS TO PREVENT HIV TRANSMISSION	\$922,188
2010	GLYCOSYN INC	MA	R44AI079854	OLIGOSACCHARIDES TO PREVENT INFECTIOUS DIARRHEA	\$310,416
2010	TUFTS MEDICAL CENTER	MA	R21AI088336	THE ROLE OF ZAK IN SHIGA TOXIN/RICIN-INDUCED INFLAMMATION	\$238,500
2010	DANA-FARBER CANCER INSTITUTE	MA	R21AI087458	SMALL MOLECULE INHIBITORS OF HIV-1 VIF	\$217,083
2010	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI081846	Regulation of chronic viral infection by co-inhibitory pathways	\$153,665
2010	GLSYNTHESIS, INC	MA	R43AI091287	ANALOGS OF GTP AS NOVEL INHIBITORS OF BACTERIAL C-DI-GMP-SYNTHESIZING ENZYMES	\$299,848
2010	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	F32AI085911	THE REGULATORY FUNCTION OF DNA METHYLATION IN MYCOBACTERIUM TUBERCULOSIS	\$50,474
2010	IMMUNE DISEASE INSTITUTE INC	MA	R56AI065285	HIV-1 REGULATION BY MTB: PATHOGEN AND HOST FACTOR	\$525,000
2010	RXI PHARMACEUTICALS CORPORATION	MA	R43AI091045	ORALLY ADMINISTERED ANTI-TNFALPHA RNAI THERAPEUTIC FOR AUTOIMMUNE DISORDERS	\$298,544

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2010	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI088352	REPROGRAMMING OF FIBROBLASTS TO PLURIPOTENCY- A NEW TOOL TO STUDY PRIMARY IMMUNOD	\$85,750
2010	BRANDEIS UNIVERSITY	MA	R01AI090745	Rational and Combinatorial Design of Immunogens to Elicit 2G12-like Antibodies	\$366,000
2010	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI094374	Tolerance Strategies in Non-Human Primate Cardiac Allograft Recipients	\$812,889
2010	TUFTS UNIVERSITY	MA	R56AI079206	ROLE OF TFII-I IN B CELL FUNCTION	\$396,250
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$380,903
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$238,980
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$285,737
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$772,807
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI024656	MOLECULAR GENETIC ANALYSIS OF SHIGELLA PATHOGENICITY	\$378,675
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$284,130
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069530	MAKERERE UNIV.-JOHNS HOPKINS UNIV. HIV CLINICAL TRIALS UNIT-KAMPALA, UGANDA	\$6,695,080
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$312,825
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI065983	CELLULAR BASIS FOR THE ANTIFUNGAL ACTIVITY OF AMIODARONE	\$423,450
2010	JOHNS HOPKINS UNIVERSITY	MD	R37AI041908	HIV-1 GENE PRODUCTS/TARGETED/MHC II ANTIGEN PRESENTATION	\$398,189
2010	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$536,963
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI067632	INNATE ANTIVIRAL RESPONSE AND PREDISPOSITION TO NEOPLASIA IN IRF-5 DEFICIENT MOUS	\$386,641
2010	IMQUEST BIOSCIENCES INC	MD	U19AI077289	LONG ACTING ACCEPTABLE MICROBICIDES: NOVEL DELIVERY, ACTIVITY AND PHARMACODYNAMIC	\$1,578,326
2010	JOHNS HOPKINS UNIVERSITY	MD	F31AI080187	ACCEPTABILITY AND FEASIBILITY OF THE HPV VACCINE SCHEDULE IN FEMALE SEX WORKERS	\$41,380
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$405,900
2010	JOHNS HOPKINS UNIVERSITY	MD	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$1
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI079282	USING PROTEIN-DNA CHIMERAS FOR HAT DIAGNOSIS	\$202,950
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI087139	IMPACT OF MATERNAL HAART ON HIV-INFECTED BREASTFEEDING INFANTS: MALAWI	\$611,887

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2010	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI088810	FASEB SRC BIOLOGY OF THE IMMUNE SYSTEM	\$9,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI082587	SMALL MOLECULE PROTEIN-GLYCAN INHIB. AS MALARIA TRANSMISSION-BLOCKING THERAPUETIC	\$360,486
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,384,970
2010	AKONNI BIOSYSTEMS INC	MD	R44AI072784	DIAGNOSTIC INFLUENZA RT-PCR ARRAY	\$980,513
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI083100	FORESKIN MUCOSAL CELLULAR CONSTITUENTS & EFFECTS OF CIRCUMCISION ON HIV/STI RISK	\$134,165
2010	PROFECTUS BIOSCIENCES INC	MD	R43AI089290	NOVEL MUCOSAL ADJUVANT FOR AN HIV DNA VACCINE	\$212,099
2010	FUNCTIONAL GENETICS INC	MD	R44AI068217	DEVELOPMENT OF BROAD SPECTRUM HOST ORIENTED THERAPEUTIC ANTIBODIES AGAINST INFLUE	\$885,403
2010	SANARIA INC	MD	R43AI088935	SANARIA PFSPZ VACCINE FUNCTIONAL T CELL ASSAY-HEPATOCYTE CYTOTOXICITY ASSAY	\$299,985
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI090344	SEX DIFFERENCES IN PROTECTIVE IMMUNITY AGAINST INFLUENZA A VIRUSES	\$205,000
2010	AERAS GLOBAL TB FOUNDATION	MD	R01AI090691	Generation and Evaluation of Pro-Apoptotic rBCG and Viral Vectors as TB Vaccine C	\$94,727
2010	UNIVERSITY OF MARYLAND	MD	T32AI089621	Training in Host-Pathogen Interactions	\$104,564
2010	UNIVERSITY OF MARYLAND	MD	R01AI036900	Structure and Function of T Cell Antigen Receptors	\$375,000
2010	PROTEIN POTENTIAL LLC	MD	R44AI058373	PLASMODIUM VIVAX RECOMBINANT CS PROTEIN VACCINE FOR MALARIA	\$1,000,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI060449	LIVER DISEASE AND HIV-HBV CO-INFECTION IN THE HAART ERA	\$306,457
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI050217	MOLECULAR EPIDEMIOLOGY OF N. GONORRHOEAE	\$449,827
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI052468	IMMUNOGENETIC ANALYSIS OF HUMAN IMMUNE RESPONSE TO ALLERGENS	\$405,900
2010	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$466,187
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI053668	Entry Mechanisms used by a model retrovirus	\$0
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI069447	INSTITUTE OF HUMAN VIROLOGY CLINICAL TRIALS UNIT	\$811,260
2010	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$422,039
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$459,436
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069465	JOHNS HOPKINS AIDS CLINICAL TRIALS UNIT	\$1,048,057

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2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$344,250
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$328,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$300,000
2010	UNIVERSITY OF MARYLAND	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$337,500
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI070630	MOUSE ALLERGEN AND INNER-CITY ASTHMA	\$386,641
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$691,434
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$82,000
2010	JOHNS HOPKINS UNIVERSITY	MD	K08AI071072	MODIFIED AUTOANTIGENS ENGAGE THE INNATE IMMUNE RESPONSE IN SYSTEMIC AUTOIMMUNITY	\$129,006
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$1,710,138
2010	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$291,478
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$398,189
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI075115	CIRCUMCISION: HIV/STIS AND BEHAVIORS IN A RCT AND POST-RCT SURVEILLANCE; RAKAI	\$1,556,977
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI070823	FUNCTION OF NADPH OXIDASE(S) IN T LYMPHOCYTES	\$291,357
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI077320	INFECTION WITH BORDETELLA PERTUSSIS EXACERBATES INFLUENZA INFECTION	\$30,438
2010	PROFECTUS BIOSCIENCES INC	MD	R43AI089288	NOVEL IMMUNE STIMULATING ADJUVANTS FOR AN HIV DNA VACCINE	\$283,473
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI082105	CAPSULE CONJUGATE VACCINES AGAINST CAMPYLOBACTER JEJUNI	\$1,322,611
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI078980	MOTOR PROTEIN REGULATION OF T CELL RECEPTOR SIGNALING	\$405,900
2010	TOWSON STATE UNIVERSITY	MD	R15AI085503	Microbial Pattern Recognition by the Social Amoeba Dictyostelium discoideum - Mod	\$194,464
2010	JOHNS HOPKINS UNIVERSITY	MD	F32AI088835	CHARACTERIZATION OF THE AN. GAMBIAE LL3/SRPN6 PATHWAY IN RESPONSE TO PLASMODIUM I	\$54,974
2010	SANARIA INC	MD	R43AI088963	AUTOMATED SALIVARY GLAND DISSECTION FOR MANUFACTURE OF MALARIA PFSPZ VACCINE	\$299,989
2010	JOHNS HOPKINS UNIVERSITY	MD	K08AI081544	HIV, KUPFFER CELLS, AND HCV-RELATED LIVER FIBROSIS	\$128,689

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2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI088406	IDENTIFICATION OF CANDIDATE GENES FOR SPECIFIC IMMUNE RESPONSIVENESS TO COCKROACH	\$246,000
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI084549	HAART Initiation in Behaviorally HIV-Infected Youth	\$134,325
2010	SEQUELLA, INC	MD	R43AI088952	SQ109 FOR TREATMENT OF MDR-TB	\$300,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI090873	Severe Enteric Disease: Pathogenesis and Response	\$1,512,472
2010	PROTEIN POTENTIAL LLC	MD	R43AI091273	LIVE ATTENUATED ORAL ANTHRAX VACCINE	\$299,997
2010	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI091037	IMMUNORECEPTORS	\$10,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R33AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGE	\$395,208
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI087624	Clinical trial of chloroquine weekly or as IPT to prevent malaria in pregnancy in	\$1,457,854
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$432,652
2010	UNIVERSITY OF MARYLAND	MD	R01AI049383	MODULATING HOST RESPONSES TO BACTERIAL PRODUCTS	\$288,443
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI032074	THE EAE GENE CLUSTER OF ENTEROPATHOGENIC E. COLI	\$371,250
2010	UNIVERSITY OF MARYLAND	MD	T32AI051967	MECHANISMS OF VIRUS REPLICATION AND GENE EXPRESSION	\$174,602
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI044375	EFFECTOR AND MEMORY ANTI-MALARIA CD8+ CELL RESPONSES	\$530,140
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI063080	ROLE OF PERTUSSIS TOXIN IN BORDETELLA PERTUSSIS INFECTION	\$400,116
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$457,640
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$2,212,534
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECT	\$9,047,135
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI019716	DEVELOPMENT OF A LIVE ORAL CHOLERA VACCINE	\$444,924
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI071820	HEPATITIS B TREATMENT AND HIV INFECTION IN RESOURCES LIMITED SETTINGS	\$308,517
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI070921	GENOMIC TOOLS FOR STUDYING THE ECOLOGY OF THE HUMAN VAGINAL MICROFLORA	\$630,605
2010	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$238,914
2010	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB)	\$1,217,384

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2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$873,695
2010	BACILLIGEN INC	MD	R21AI081162	DEVELOPMENT OF A BACTERIOPHAGE VACCINE VECTOR SYSTEM	\$174,818
2010	JOHNS HOPKINS UNIVERSITY	MD	K22AI077707	GLYCOBIOLOGICAL ANALYSIS OF PLASMODIUM-VECTOR HOST INTERACTIONS	\$107,863
2010	GENVEC INC	MD	R43AI084269	HIGH THROUGHPUT GENOMICS SCREENING FOR MALARIA ANTIGEN DISCOVERY	\$300,000
2010	UNIVERSITY OF MARYLAND	MD	R01AI073667	GENETIC VARIATION IN GENES INVOLVED IN NEISSERIA GONORRHOEAE LOS BIOSYNTHESIS	\$222,750
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI081600	INTERMOLECULAR COOPERATIVITY IN THE ACTION OF ANTIVIRAL AGENTS	\$284,130
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI081562	CHOLESTEROL UPTAKE BY CRYPTOSPORIDIUM	\$243,540
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI088311	EFFICIENT SITE-SPECIFIC GENETIC ENGINEERING OF THE ANOPHELES GAMBIAE GENOME	\$236,400
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI080328	CD8+ T CELL MEDIATED INHIBITION OF HIV-1 REPLICATION IN ELITE SUPPRESSORS	\$324,720
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI090261	(POLY)GLYCEROLPHOSPHATE-BASED, CROSS-PROTECTIVE ANTI-STAPHYLOCOCCAL VACCINE	\$191,250
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,924,203
2010	PROFECTUS BIOSCIENCES INC	MD	R44AI091567	PRECLINICAL DEVELOPMENT OF FULL LENGTH SINGLE CHAIN	\$299,258
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI085380	LASER TREATMENT TO ENHANCE THERAPEUTIC HPV DNA VACCINE POTENCY	\$213,471
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI065683	Genetic diversity and protective immunity to malaria infection and disease	\$614,646
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI090188	THE JAK-STAT PATHWAY IN ANTI-DENGUE DEFENSE	\$164,000
2010	IMMUNE DEFICIENCY FOUNDATION	MD	U24AI086037	Resources to Assist Investigations in Primary Immunodeficiency Diseases (U24)	\$600,000
2010	MACROGENICS INC	MD	R01AI089588	A Pan-Dengue Virus Immunotherapeutic for Prevention and Treatment	\$1,018,661
2010	SANARIA INC	MD	R43AI088853	CRYOPRESERVATION OF ANOPHELES STEPHENSI EMBRYOS	\$299,972
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI083931	REDUCING MORBIDITY AND MORTALITY FROM ACUTE FEBRILE ILLNESS BY IMPROVED DIAGNOSIS	\$135,544
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI085147	ANCILLARY CARE IN COMMUNITY-BASED RESEARCH: DECIDING WHAT TO DO	\$163,610
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI082450	Epidemiology of Acinetobacter baumannii: An Emerging Nosocomial Pathogen	\$134,730

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2010	BIOLOGICAL MIMETICS, INC	MD	R43AI085683	DEVELOPMENT OF A NOVEL HUMAN RHINOVIRUS VACCINE	\$298,345
2010	VIRION SYSTEMS, INC	MD	R41AI091246	COTTON RAT: ANIMAL MODEL PREDICTIVE OF CLINICAL RESPONSES TO HSV VACCINES	\$282,621
2010	IMQUEST BIOSCIENCES INC	MD	R21AI088586	DEVELOPMENT OF A NOVEL NANOPARTICLE PYRIMIDINEDIONE VAGINAL POLYMERIC FILM AS AN	\$195,146
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI068813	INCIDENCE AND NATURAL HISTORY OF HEPATITIS E VIRUS IN PREGNANT BANGLADESHI WOMEN	\$255,110
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI062644	ROLE OF CUL5 E3 UBIQUITIN LIGASAE IN HIV VIF FUNCTION: A NOVEL REGULATOR	\$369,000
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI065529	REGULATORY NETWORKS OF HELICOBACTER PYLORI	\$370,995
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$457,640
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI065853	ROLES OF LIPOATE PATHWAYS IN PLASMODIUM SURVIVAL	\$386,641
2010	VIRION SYSTEMS, INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$543,919
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI049192	DENDRITIC AND T CELLS IN ANTI-BACTERIAL LG RESPONSES	\$321,454
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$410,000
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecuar Mechanisms of Immune Inflammatory Reactions	\$701,384
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069482	JOHNS HOPKINS UNIVERSITY-GUANGXI, CHINA CLINICAL TRIALS UNIT	\$1,386,714
2010	UNIVERSITY OF MARYLAND	MD	R01AI070812	GENE DRIVE POTENTIAL OF TRANSPOSABLE ELEMENTS IN ANOPHELES GAMBIAE.	\$318,271
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$834,917
2010	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$280,078
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI078835	STATISTICAL METHODS FOR HIV/AIDS RESEARCH	\$404,825
2010	UNIVERSITY OF MARYLAND	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$388,575
2010	UNIVERSITY OF MARYLAND	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$334,125
2010	JOHNS HOPKINS UNIVERSITY	MD	P01AI072677	ANTIGEN RECEPTOR INPUTS: LINKING STRUCTURAL, MOLECULAR, AND CELLULAR RESPONSES	\$2,019,762

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2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI078655	VALIDATING METABOLIC PATHWAYS IN THE INTRACELLULAR PATHOGEN CHLAMYDIA TRACHOMATIS	\$52,154
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI067468	TLR4 MUTATIONS: MOLECULAR MECHANISMS OF IMPAIRED LPS SENSITIVITY	\$185,625
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI077995	VACCINES AND THERAPEUTICS FOR NIPAH AND HENDRA VIRUS	\$1,146,198
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$405,900
2010	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$334,125
2010	SANARIA INC	MD	R43AI085740	IN-VITRO CULTURE OF PLASMODIUM FALCIPARUM SPOROZOITES FOR MALARIA VACCINE	\$299,993
2010	JOHNS HOPKINS UNIVERSITY	MD	F31AI089034	SEX HORMONES AND THE INNATE IMMUNE RESPONSE TO INFLUENZA INFECTION	\$34,980
2010	JOHNS HOPKINS UNIVERSITY	MD	K24AI085118	Patient Oriented Research in Transplant and Oncology ID	\$199,014
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI083865	PLASMODIUM INDUCED NEW PERMEATION PATHWAYS DURING HEPATOCYTE INFECTION	\$74,250
2010	IMQUEST BIOSCIENCES INC	MD	R21AI079772	DEVELOPMENT OF A NOVEL SEMEN-ACTIVATED PRODRUG AS AN ANTI-HIV MICROBICIDE	\$204,587
2010	FUNCTIONAL GENETICS INC	MD	R44AI074484	DISCOVERY OF CRITICAL HOST GENES ENABLING RESISTANCE TO HIV-1 INFECTION AS THERAP	\$857,774
2010	IMQUEST BIOSCIENCES INC	MD	R43AI089331	DEVELOPMENT OF TRANSDERMAL FILMS FOR THE THE DELIVERY OF HIV THERAPEUTICS	\$301,470
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI088033	REDUCING MALARIA TRANSMISSION WITH ENGINEERED BACTERIA	\$248,102
2010	UNIVERSITY OF MARYLAND	MD	R56AI059733	GIARDIA DRUG TARGETS: STRUCTURE, FUNCTION AND INHIBITORS	\$713,525
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$587,053
2010	UNIVERSITY OF MARYLAND	MD	R01AI072584	MECHANISM OF HOST CELL APOPTOSIS INHIBITION BY MYCOBACTERIUM TUBERCULOSIS	\$334,125
2010	UNIVERSITY OF MARYLAND	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$213,980
2010	N & N SCIENTIFIC INC	MD	R43AI078540	N-METHANOCARBATHYMIDINE (N-MCT) FOR THE TREATMENT OF HERPES AND POX VIRUS INFECTI	\$300,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072732	INHIBITION OF ANTHRAX LETHAL FACTOR BY ALPHA-DEFENSINS	\$364,197

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI064826	IDENTIFICATION OF NOVEL IMMUNE CELL- THE NKDC	\$386,641
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI068582	DOT-HARRT FOR HIV-INFECTED SOUTH AFRICAN ADULTS	\$129,060
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI061382	MATURATION FUNCTIONS OF THE HSV-1 TEGUMENT	\$309,312
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI064372	VIRUS-LIKE PARTICLE VACCINE FOR SARS-COV	\$386,641
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI046223	AIDS Opportunistic Infections: Virulence of C. glabrata	\$410,000
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,551,227
2010	UNIVERSITY OF MARYLAND	MD	R01AI064307	CHARACTERIZATION OF THE SARSCOV FRAMESHIFT SIGNAL	\$375,179
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI070638	DEVELOPMENT OF AN ADHESIN-TOXOID CHIMERA VACCINE FOR ENTEROTOXIGENIC E. COLI	\$814,422
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI069568	STAPHYLOCOCCUS AUREUS BIOFILMS: IN VITRO AND IN VIVO STUDIES	\$360,555
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$427,416
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$608,927
2010	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI077910	BIVALENT RECOMBINANT LHN BOTULINUM VACCINE (SEROTYPES A AND B)	\$399,412
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$398,188
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI079590	PK/PD EVALUATION RESISTANCE DEVELOPMENT IN CASEATING GRANULOMA	\$645,971
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$617,290
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI080668	DETERMINANTS OF PLASMODIUM LIVER INVASION	\$365,310
2010	SEQUELLA, INC	MD	R43AI084211	SQ641, NEW DRUG CANDIDATE TO TREAT NTM INFECTIONS	\$300,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI078365	INTEGRIN CD11B AND ITS ROLE IN IMMUNE SUPPRESSION	\$185,625
2010	UNIVERSITY OF MARYLAND	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$265,050
2010	SIRNAOMICS INC	MD	R43AI084340	INFLUENZA THERAPEUTICS USING SIRNA NANOPARTICLE TECHNOLOGY	\$234,390
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI080974	Molecular Epidemiology of the Vaginal Microbiome	\$128,835
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI089830	The Role of EOS in Regulatory T-cell Biology.	\$410,000

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2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI091296	9TH INTERNATIONAL SYMPOSIUM ON BORDETELLA	\$14,000
2010	UNIVERSITY OF MARYLAND	MD	R21AI085376	ACCURATE COMPUTATIONAL DETECTION OF INFLUENZA REASSORTMENTS	\$185,500
2010	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI088789	FASEB SUMMER RESEARCH CONFERENCES ON VIRUS STRUCTURE AND ASSEMBLY	\$15,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI083444	FAS PATHWAY IN ORGAN-SPECIFIC TOLERANCE AND AUTOIMMUNITY	\$410,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI071015	EPIDEMIOLOGY OF RESISTANT BACTERIA IN ACUTE-CARE AND LONG-TERM CARE FACILITIES	\$131,420
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$456,230
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$371,250
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$371,250
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065760	IMMUNE RESPONSES TO BIODEFENSE VACCINES EARLY IN LIFE	\$315,089
2010	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$300,682
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$183,121
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$306,575
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$140,115
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$240,996
2010	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$364,197
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$185,529
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI070018	IMMUNE RECONSTITUTION OF HIV-1 INFECTED ZAMBIAN CHILDREN INITIATING ANTIRETROVIRA	\$355,152
2010	UNIVERSITY OF MARYLAND	MD	R01AI068888	ROLE OF LOS AND OPA IN GONOCOCCAL HOST INTERACTIONS	\$324,499
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$780,015
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$376,118
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI081752	MRSA IN CHILDREN: EPIDEMIOLOGY, PATHOGENESIS, AND PREVENTION	\$134,325
2010	SEQUELLA, INC	MD	R44AI066442	NOVEL MYCOBACTERIAL TRANSLOCASE I INHIBITORS - A NEW CLASS OF ANTI-TB DRUGS	\$850,410

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2010	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$371,250
2010	JOHNS HOPKINS UNIVERSITY	MD	F32AI080094	IDENTIFYING NOVEL FUNGAL VIRULENCE FACTORS IN CANDIDA GLABRATA	\$52,154
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI082612	FIRING UP NEW TREATMENTS AGAINST MYCOBACTERIUM ULCERANS DISEASE (BURULI ULCER)	\$405,900
2010	JOHNS HOPKINS UNIVERSITY	MD	R34AI090122	MALARIA TREATMENT OUTCOMES AND PHARMACOKINETICS IN HIV-INFECTED PREGNANT WOMEN	\$250,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI079794	DEVELOPMENT OF TRANSFORMED LACTOBACILLI AS A MICROBICIDE	\$246,449
2010	IMQUEST BIOSCIENCES INC	MD	R33AI076967	RATIONAL DEVELOPMENT OF COMBINATION MICROBICIDE THERAPIES	\$426,388
2010	INTEGRATED BIOTHERAPEUTICS INC	MD	R43AI085665	DEVELOPMENT OF A PANTON VALENTINE LEUKOCIDIN BIVALENT VACCINE	\$300,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI087423	D-PEPTIDE INHIBITORS OF HIV ASSEMBLY AND MATURATION	\$225,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI089519	A. L. lactis-based vaccine for children with broad spectrum for enteric pathogens	\$683,858
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI083238	Mouse Allergen and Asthma Intervention Trial	\$1,689,874
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI018797	Differentiative Signals for Macrophage Activation	\$752,501
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI090820	ADVANCING NEW DRUG REGIMENS FOR MDR/XDR TB	\$389,754
2010	JOHNS HOPKINS UNIVERSITY	MD	F32AI091274	STUDY OF ASTHMA AND NASAL STEROIDS TRIAL-AN ANCILLARY MECHANISTIC STUDY	\$59,918
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI091481	TRANSPLANTATION TOLERANCE AND IMMUNE FUNCTION FOLLOWING MTOR INHIBITION.	\$410,000
2010	SANARIA INC	MD	R44AI069631	Genetically Attenuated PfSPZ Malaria Vaccine	\$999,987
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI083099	CAUSES OF AND ASSOCIATIONS WITH DEATH DURING LONG TERM HAART IN AFRICA	\$134,165
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI088604	BIOMARKERS OF SEVERE PEANUT ALLERGY	\$205,000
2010	JOHNS HOPKINS UNIVERSITY	MD	U19AI088791	Mechanisms of repeated control of acute hepatitis C infection in humans	\$764,565
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI084580	THE CIRCULATING AND MEMORY B-ANTIBODY RESPONSES IN HIV-INFECTED PATIENTS	\$134,730
2010	JOHNS HOPKINS UNIVERSITY	MD	R56AI089878	DURATION OF HORMONAL CONTRACEPTIVE USE: IMMUNE RESPONSES & VAGINAL MICROBIOTA	\$706,089
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R56AI080593	CAPSULAR POLYSACCHARIDES OF CAMPYLOBACTER JEJUNI	\$213,502
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI039129	Epidemiology and Ecology of Vibrio cholerae in Bangladesh	\$1,832,493

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2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069518	THE MALAWI CLINICAL TRIALS UNIT	\$10,834,928
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$2,587,292
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI038985	MOLECULAR MECHANISMS OF IL-4 AND IL-13 SIGNALING	\$350,099
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$347,977
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI047938	PSEUDOMONAS AERUGINOSA LIPID A	\$318,272
2010	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,223,837
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI067710	IMMUNE RECONSTITUTION TO ASPERGILLUS	\$347,977
2010	JOHNS HOPKINS UNIVERSITY	MD	T35AI065385	JOHNS HOPKINS SHORT TERM TRAINING GRANT IN INFECTIOUS AND TROPICAL DISEASES IN PE	\$63,643
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI069497	BYRAMEE JEEJEEBHOY MEDICAL COLLEGE (BJMC), PUNE, INDIA: CLINICAL TRIALS UNIT	\$811,049
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI070594	A COMPARATIVE GENOMICS AND TRANSGENIC APPROACH TO REGULATION OF IL-10 EXPRESSION	\$398,189
2010	GENVEC INC	MD	R43AI082771	DEVELOPMENT OF AN AD14 VACCINE	\$254,536
2010	JOHNS HOPKINS UNIVERSITY	MD	K08AI074907	MOLECULAR EPIDEMIOLOGY OF PRIMARY CMV INFECTION	\$135,237
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$398,189
2010	JOHNS HOPKINS UNIVERSITY	MD	F31AI080161	DISSECTION OF THE MOSQUITO AEDES AEGYPTI'S IMMUNE RESPONSES TO DENGUE INFECTION.	\$41,380
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI090379	DEVELOPMENT OF A MONKEY MODEL OF BORDETELLA PERTUSSIS INFECTION AND DISEASE	\$262,500
2010	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$106,200
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI087776	Early Detection of Congenital Chagas Disease	\$651,023
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI089449	Capsule conjugate vaccines against ETEC and Campylobacter	\$501,034
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI081877	Dscam function in innate immunity	\$308,800
2010	SANARIA INC	MD	R43AI091208	LYOPHILIZATION OF P. FALCIPARUM TRANSGENIC FOR TREHALOSE SYNTHESIS/TRANSPORT	\$299,983
2010	JOHNS HOPKINS UNIVERSITY	MD	U19AI089680	Malaria Transmission and the Impact of Control Efforts in Southern Africa	\$1,650,984
2010	VIRION SYSTEMS, INC	MD	R56AI078275	EFFECT OF IMMUNOSENESCENCE ON INNATE IMMUNE RESPONSES TO RSV	\$241,771

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2010	PROFECTUS BIOSCIENCES INC	MD	R56AI087479	EVALUATING THE IN VIVO EFFICACY OF CD4I ANTIBODY, M9	\$625,704
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI080417	Impact of Malnutrition on HIV Treatment Failure in Resource-Limited Settings	\$658,685
2010	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$83,020
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$378,675
2010	JOHNS HOPKINS UNIVERSITY	MD	T32AI007056	BASIC AND CLINICAL IMMUNOLOGY	\$227,386
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI049316	GI NEMATODES AND GUT FUNCTIONAL RESPONSES TO INFLAMMATION	\$371,250
2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI057481	PROTEIN REDISTRIBUTION IN TCR-DIRECTED NF-KB ACTIVATION	\$321,454
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$92,469
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZEDS PATIENTS	\$180,891
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$523,731
2010	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$1,983,598
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067954	IMMUNOLOGIC DETERMINANTS OF SCHISTOSOMA-MEDIATED RESISTANCE TO MALARIA IN HUMANS	\$285,788
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI072592	MEMORY T LYMPHOCYTE-MEDIATED INNATE IMMUNITY	\$358,370
2010	JOHNS HOPKINS UNIVERSITY	MD	U19AI070345	EFFICACY OF IGE IN MEDIATING ALLERGIC REACTIONS IN VIVO	\$1,186,838
2010	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$24,865,379
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$133,685
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$405,900
2010	JOHNS HOPKINS UNIVERSITY	MD	K01AI071754	BIOMARKERS, THERAPY, AND MORTALITY IN THE EVOLVING HIV EPIDEMIC	\$131,706
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI077757	MECHANISMS OF IMMUNE EVASION BY HEPATITIS C VIRUS	\$455,346
2010	UNIVERSITY OF MARYLAND	MD	R01AI065892	TRANSCYTOSIS OF IGG IN GENITAL INFECTIONS	\$252,388
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI083125	REGULATORY NETWORKS INVOLVED IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$514,756

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2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI077797	INHIBITION OF THE INNATE IMMUNE RESPONSE BY THE SARS CORONAVIRUS	\$108,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	\$237,150
2010	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$993,429
2010	UNIVERSITY OF MARYLAND	MD	R21AI079429	VECTOR BIOLOGY-USING A MOSQUITO PATHOGEN AS A DELIVERY SYSTEM FOR ANTI-MALARIAL A	\$191,070
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI082695	DIAGNOSIS OF GAMBIENSE HAT	\$324,720
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$180,005
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI082246	CYTOMEGALOVIRUS DEUBIQUITINASE PUL48: IDENTIFYING SUBSTRATE AND INHIBITORS	\$243,540
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI080842	PK/PD ISSUES IN THE USE OF NEW THERAPIES FOR THE TREATMENT OF TUBERCULOSIS	\$133,807
2010	CELLEX INC	MD	R44AI082728	POINT OF CARE FLU DRUG RESISTANCE TEST	\$999,989
2010	GENVEC INC	MD	R44AI063819	PRODUCTION OF ADENOVECTOR BASED VACCINES	\$886,735
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI087181	Broadly Neutralizing Monoclonal Antibodies Against HIV-1	\$560,996
2010	IMQUEST BIOSCIENCES INC	MD	R44AI078858	MECHANISM OF ACTION OF NOVEL DUAL ACTING PYRIMIDINEDIONES	\$919,455
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI074594	ACUTE HIV INFECTION AND PREGNANCY	\$690,519
2010	PROFECTUS BIOSCIENCES INC	MD	R44AI074334	ENHANCING DNA VACCINES USING MODIFIED BACTERIAL TOXIN A1 SUBUNITS AS ADJUVANTS	\$509,934
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI087192	IDENTIFICATION AND CHARACTERIZATION OF NOVEL ANTI-HIV INHIBITORS	\$246,000
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI082299	Deciphering the architecture of TLR signaling complexes	\$375,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI084984	Leukotrienes and blood-brain barrier	\$410,000
2010	JOHNS HOPKINS UNIVERSITY	MD	R01AI087409	GENITAL ANAEROBES, INFLAMMATION AND HIV RISK; RAKAI	\$927,881
2010	JOHNS HOPKINS UNIVERSITY	MD	K23AI084854	Universal Screening of HIV-Infected Persons for Gonorrhea and Chlamydia	\$134,005
2010	JOHNS HOPKINS UNIVERSITY	MD	R21AI085406	THE ROLE MAST CELL MICRORNAS IN THE PATHOGENESIS OF ASTHMA	\$205,000
2010	IMQUEST BIOSCIENCES INC	MD	R21AI082689	DEVELOPMENT OF ANTIMICROBIAL PEPTIDES AS TOPICAL MICROBICIDES	\$200,449
2010	JOHNS HOPKINS UNIVERSITY	MD	R33AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$489,820

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2010	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R33AI080553	Ciprofloxacin enhances DNA repair capacity after radiation combined injury	\$381,173
2010	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI055710	HELICOBACTER PYLORI-SPECIFIC REGULATORY T CELLS THAT LIMIT THE HOST RESPONSE	\$262,500
2010	UNIVERSITY OF MICHIGAN	MI	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$166,100
2010	UNIVERSITY OF MICHIGAN	MI	R01AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$249,480
2010	UNIVERSITY OF MICHIGAN	MI	R01AI044212	ANALYSIS OF L. PNEUMOPHILIA VIRULENCE REGULATION	\$278,999
2010	UNIVERSITY OF MICHIGAN	MI	R01AI060983	LIPID RAFT MICRODOMAINS IN NEUTROPHIL FUNCTION	\$358,351
2010	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$614,018
2010	UNIVERSITY OF MICHIGAN	MI	R01AI073847	ASSEMBLY OF CURLI FIBERS BY ESCHERICHIA COLI	\$352,415
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$320,393
2010	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$286,680
2010	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$370,689
2010	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$351,986
2010	UNIVERSITY OF MICHIGAN	MI	R21AI080276	NON-VIRAL RNAS IN HIV-1 PARTICLES	\$229,433
2010	MICHIGAN STATE UNIVERSITY	MI	K22AI080937	CHARACTERIZATION OF THE CYCLIC DI-GMP SIGNALING SYSTEM OF VIBRIO CHOLERAE	\$108,000
2010	WAYNE STATE UNIVERSITY	MI	R21AI078147	ANALYSIS OF THE VIRULENCE MECHANISM OF A LANTIBIOTIC LOCUS	\$177,804
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI034969	CLINICOPATHOLOGICAL CORRELATES OF CEREBRAL MALARIA	\$367,405
2010	UNIVERSITY OF MICHIGAN	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$368,478
2010	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$376,831
2010	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCs IN MODULATING DONOR NATURAL TREGs MEDIATED SUPPRESSION OF GVHD	\$368,385
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$300,960
2010	UNIVERSITY OF MICHIGAN	MI	R01AI089417	Novel Therapeutics for Neurotropic Alphaviruses	\$868,113
2010	UNIVERSITY OF MICHIGAN	MI	U19AI090871	Clostridium difficile Cooperative Research Center	\$1,453,800
2010	UNIVERSITY OF MICHIGAN	MI	K01AI091440	ESTIMATION OF HIV TRANSMISSION DYNAMICS USING GENETIC SEQUENCES OF VIRUS	\$127,257

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2010	UNIVERSITY OF MICHIGAN	MI	R01AI051192	MOLECULAR MECHANISMS OF HIV DISEASE PATHOGENESIS	\$395,129
2010	UNIVERSITY OF MICHIGAN	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$374,260
2010	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$343,080
2010	UNIVERSITY OF MICHIGAN	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$376,113
2010	UNIVERSITY OF MICHIGAN	MI	R21AI086599	HIV INFECTION OF BONE MARROW PROGENITOR CELLS	\$240,945
2010	UNIVERSITY OF MICHIGAN	MI	R21AI085179	TARGETING BACTERIAL VIRULENCE TRANSCRIPTION FACTORS, A NOVEL ANTIBIOTIC APPROACH	\$243,333
2010	UNIVERSITY OF MICHIGAN	MI	R01AI073876	TLR AND NOTCH LIGAND IN RSV-INDUCED DISEASE	\$368,478
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$376,200
2010	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$376,493
2010	MICHIGAN STATE UNIVERSITY	MI	F32AI080136	HIGH RESOLUTION STRUCTURE OF THE HIV GP41 PROTEIN	\$52,154
2010	MICHIGAN STATE UNIVERSITY	MI	K23AI079402	USING PRIMARY ENDOTHELIALS AND PARASITE ISOLATES TO STUDY SEQUESTRATION IN MALARIA	\$134,514
2010	MICHIGAN STATE UNIVERSITY	MI	K02AI080225	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1	\$103,751
2010	UNIVERSITY OF MICHIGAN	MI	R21AI067011	DEVELOPMENT OF NEF INHIBITORS	\$264,753
2010	UNIVERSITY OF MICHIGAN, SCHOOL OF MEDICINE	MI	K08AI071090	MECHANISMS OF INTRASPECIES COMPETITION IN STREPTOCOCCUS PNEUMONIAE.	\$133,920
2010	UNIVERSITY OF MICHIGAN	MI	T32AI049816	INTERDISCIPLINARY TRAINING PROGRAM IN INFECTIOUS DISEASES	\$173,469
2010	UNIVERSITY OF MICHIGAN	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$335,008
2010	NANOVIR LLC	MI	R42AI062182	PRE-CLINICAL HPV16 ANTIVIRAL COMPOUND DEVELOPMENT	\$965,617
2010	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$732,635
2010	UNIVERSITY OF MICHIGAN	MI	R01AI066131	CALRETICULIN'S FUNCTIONS IN THE ADAPTIVE IMMUNE RESPONSE	\$349,857
2010	HENRY FORD HEALTH SYSTEM	MI	K01AI070606	REGULATORY T CELLS IN GESTATION AND CHILDHOOD ALLERGIC DISEASE	\$112,480
2010	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$346,666
2010	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$311,305

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2010	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$371,482
2010	UNIVERSITY OF MICHIGAN	MI	R01AI065543	PGE2 REGULATION OF HOST DEFENSE POST-BMT	\$417,404
2010	UNIVERSITY OF MICHIGAN	MI	R01AI069383	COLONIZATION AND PATHOGENICITY DETERMINANTS OF C. JEJUNI	\$368,969
2010	NANOBIO CORP	MI	R41AI085944	NANOEMULSION-BASED VACCINE FOR CHRONIC HEPATITIS B VIRUS	\$297,250
2010	NANOVIR LLC	MI	R42AI068159	PRE-CLINICAL DEVELOPMENT OF A BROAD SPECTRUM ANTIVIRAL COMPOUND TO TREAT HUMAN PA	\$1,000,000
2010	UNIVERSITY OF MICHIGAN	MI	R56AI061469	CD8+ TH17 AND COSTIMULATION BLOCKADE RESISTANT ALLOGRAFT REJECTION	\$370,266
2010	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$326,667
2010	UNIVERSITY OF MICHIGAN	MI	R01AI061531	MECHANISM OF A5P ISOMERASE	\$358,351
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI060761	ARABIDOPSIS BASAL INNATE IMMUNITY TO BACTERIAL INFECTION	\$341,935
2010	UNIVERSITY OF MICHIGAN	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$382,302
2010	UNIVERSITY OF MICHIGAN	MI	U01AI069491	CLINICAL OUTCOMES OF LIVE ORGAN DONORS - DATA COORDINATING CENTER	\$539,984
2010	UNIVERSITY OF MICHIGAN	MI	R01AI075087	REGULATION OF VIBRIO CHOLERAEE VIRULENCE BY TOXR AND TCPP	\$284,756
2010	UNIVERSITY OF MICHIGAN	MI	R01AI078752	HIV RISK DYNAMICS, GENETIC PATTERNS, AND CONTROL	\$461,508
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI080597	ENDOSYMBIONT, ARBOVIRUS & MOSQUITO INTERACTIONS AND THE DISEASE CONTROL	\$371,097
2010	MICHIGAN STATE UNIVERSITY	MI	R21AI079430	ROLE OF ABH1'S AP ENDONUCLEASE ACTIVITY IN IMMUNOGLOBULIN GENE DIVERSIFICATION	\$150,480
2010	UNIVERSITY OF MICHIGAN	MI	K08AI083785	CHARACTERIZATION OF A HOST HEPATOCYTE FACTOR THAT REGULATES HCV REPLICATION	\$132,300
2010	UNIVERSITY OF MICHIGAN	MI	R01AI081062	ONTOLOGY-BASED INFORMATION NETWORK TO SUPPORT VACCINE RESEARCH	\$267,671
2010	MICHIGAN STATE UNIVERSITY	MI	U19AI089683	Determinants of Malaria Disease in Malawi	\$999,292
2010	TSRL, INC	MI	R43AI091216	NOVEL PRODRUGS FOR TREATMENT OF HUMAN CMV INFECTION	\$296,764
2010	MICHIGAN STATE UNIVERSITY	MI	R21AI082141	MOLECULAR MECHANISM OF CYTOPLASMIC INCOMPATIBILITY IN MOSQUITOES	\$190,000
2010	UNIVERSITY OF MICHIGAN	MI	R56AI089282	RELATIONSHIPS BETWEEN HIV-1 ASSEMBLY AND THE PLASMA MEMBRANE ORGANIZATION	\$318,880
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$363,223
2010	UNIVERSITY OF MICHIGAN	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$353,494

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2010	UNIVERSITY OF MICHIGAN	MI	R01AI043363	MOLECULAR PATHOGENESIS OF E. COLI UTI	\$338,397
2010	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$265,321
2010	UNIVERSITY OF MICHIGAN	MI	R01AI068645	CLONING A MAJOR GENE FOR MOUSE ADENOVIRUS SUSCEPTIBILITY	\$353,205
2010	UNIVERSITY OF MICHIGAN	MI	R01AI076057	DNA SEQUENCES INVOLVED IN THE HEAVY CHAIN SWITCH	\$368,225
2010	UNIVERSITY OF MICHIGAN	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$354,226
2010	UNIVERSITY OF MICHIGAN	MI	R01AI057505	PROTECTION OF MICE FROM LETHAL ALPHAVIRUS ENCEPHALITIS	\$284,718
2010	UNIVERSITY OF MICHIGAN	MI	R01AI083252	Mechanism of cholera toxin retro-translocation	\$303,005
2010	UNIVERSITY OF MICHIGAN	MI	R01AI080611	Mechanisms of Norovirus Entry	\$369,725
2010	UNIVERSITY OF MICHIGAN	MI	R01AI083334	Modulation of adenovirus pathogenesis by prostaglandin E2	\$374,377
2010	HENRY FORD HEALTH SYSTEM	MI	R21AI080066	RACIAL VARIATION IN FOOD ALLERGY: MECHANISMS AND RISK	\$193,439
2010	MICHIGAN STATE UNIVERSITY	MI	U19AI090872	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease	\$1,304,356
2010	UNIVERSITY OF MICHIGAN	MI	R01AI087128	DEK AND TNF INHIBITORS IN JUVENILE ARTHRITIS	\$382,388
2010	UNIVERSITY OF MICHIGAN	MI	K22AI081748	EXAMINATION OF STAPHYLOCOCCUS AUREUS INTERACTIONS WITH HEMOGLOBIN	\$159,600
2010	UNIVERSITY OF MICHIGAN	MI	U01AI088671	International Collaborations in Infectious Disease Research (ICIDR) (U01)	\$713,225
2010	UNIVERSITY OF MICHIGAN	MI	R21AI087869	THE ROLE OF THE MICROBIOME IN THE DEVELOPMENT/PREVENTION OF FOOD ALLERGIES	\$232,000
2010	UNIVERSITY OF MINNESOTA	MN	R01AI057440	POLARITY ESTABLISHMENT MECHANISMS IN CANDIDA ALBICANS	\$356,379
2010	MAYO CLINIC	MN	R01AI065304	MUCOSAL REOVIRUS-ADENOVIRUS VACCINES AGAINST HIV-1	\$373,973
2010	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$339,625
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$367,957
2010	UNIVERSITY OF MINNESOTA	MN	R01AI073685	GENETIC ASSOCIATION MAPPING OF MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$588,026
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$366,409
2010	MAYO CLINIC	MN	R01AI074320	CAML IN T CELL DEVELOPMENT AND FUNCTION	\$336,575
2010	UNIVERSITY OF MINNESOTA	MN	K08AI076520	INDUCTION OF APOPTOSIS IN T CELLS BY HERPES SIMPLEX VIRUS TYPE 2	\$135,888
2010	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$370,056

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2010	UNIVERSITY OF MINNESOTA	MN	F32AI080074	CENTROMERE STRUCTURE AND ISOCHROMOSOME FORMATION IN CANDIDA ALBICANS	\$50,474
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$327,817
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI089728	Receptor recognition and cell entry of coronaviruses	\$377,500
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI091033	INVESTIGATING THE FUNCTIONAL DEVELOPMENT OF MEMORY B CELLS	\$47,606
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F31AI091298	DEFINING THE PROTECTIVE CD4+ T CELL RESPONSES TO SALMONELLA TYPHIMURIUM	\$34,031
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	T32AI083196	Minnesota Training Program in Virology	\$82,114
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI080418	CTL EXCLUSION FROM LYMPHOID FOLLICLES AS A MECHANISM OF LENTIVIRUS IMMUNE INVASIO	\$750,436
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI082291	REGULATION OF NEUTROPHIL FUNCTION AND INFLAMMATION BY ADAM17 DURING INFECTION	\$332,073
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$336,798
2010	UNIVERSITY OF MINNESOTA	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$345,948
2010	UNIVERSITY OF MINNESOTA	MN	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	\$318,922
2010	UNIVERSITY OF MINNESOTA	MN	R01AI066018	MODULAR SUBUNIT VACCINE FOR SALMONELLA	\$317,211
2010	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$342,561
2010	UNIVERSITY OF MINNESOTA	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$359,872
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073672	TYPHOID PRIORITY ANTIGEN IDENTIFICATION AND VACCINE DEVELOPMENT	\$347,356
2010	MAYO CLINIC	MN	U01AI082120	OPTIMIZATION OF SMALL-MOLECULE INHIBITORS OF SHIGA AND RICIN TOXINS	\$707,990
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI084913	Mucosal T Cell Memory to Pathogens	\$377,500
2010	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$422,792
2010	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$354,825
2010	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$1,057,070
2010	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$180,278
2010	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,441,794
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075096	CENTROMERE STRUCTURE AND FUNCTION IN CANDIDA ALBICANS	\$553,585

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2010	MAYO CLINIC	MN	R01AI075262	ROLE OF B CELLS IN PATHOGENESIS OF COLLAGEN-INDUCED ARTHRITIS IN HUMANIZED MICE	\$261,781
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI090732	IMPACT OF EXTRAORDINARILY LARGE NUMBERS OF SIV-SPECIFIC CD8 T CELLS ON VAGINAL TR	\$781,164
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI085308	NOVEL HUMAN CELL LINES FOR THE STUDY OF PRIMARY IMMUNODEFICIENCIES	\$223,558
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI087466	HIV-1 HOST CELL FACTORS: A SATURATION SCREEN FOR HUMAN CHROMOSOMES 4, 6, 21 AND X	\$181,336
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$302,000
2010	UNIVERSITY OF MINNESOTA	MN	R01AI059340	FUNCTIONAL ANALYSIS OF CYTOMEGALOVIRUS TEGUMENT PROTEINS	\$281,964
2010	UNIVERSITY OF MINNESOTA	MN	R01AI031126	VERY LATE ANTIGEN INTEGRIN ACTIVITY ON T CELLS	\$309,557
2010	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$158,118
2010	UNIVERSITY OF MINNESOTA	MN	U01AI070380	DEVELOPING EPICUTANEOUS VACCINE APPROACHES FOR PROTECTIVE IMMUNITY	\$385,955
2010	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$2,425,674
2010	UNIVERSITY OF MINNESOTA	MN	R33AI073167	STRUCTURAL STUDIES OF HUMAN APOBEC3G AND HIV VIF	\$366,878
2010	MAYO CLINIC	MN	R01AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$483,395
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$336,353
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI038474	Adapter proteins and integrin function	\$283,125
2010	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$354,396
2010	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	U01AI068641	INTERNATIONAL NETWORK FOR STRATEGIC INITIATIVES IN GLOBAL HIV TRIALS (INSIGHT)	\$27,129,434
2010	UNIVERSITY OF MINNESOTA	MN	R33AI071976	TOPICAL MICROBICIDE AGAINST SIV AND CHLAMYDIA	\$444,405
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080928	BIODEGRADABLE NANOPARTICLES FOR TARGETED ANTIBIOTIC DELIVERY	\$375,314
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073366	STAPHYLOCOCCAL SUPERANTIGEN INTERACTIONS WITH VAGINAL EPITHELIUM	\$292,199
2010	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	K23AI073192	IMMUNE RECONSTITUTION SYNDROME IN HIV INFECTED PERSONS IN RESOURCE-LIMITED AREAS	\$132,624

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2010	HUMANETICS CORPORATION	MN	R43AI082790	DEVELOPMENT OF CYSTEAMINE AS A MEDICAL RADIATION COUNTERMEASURE	\$300,000
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI038474	ADAPTER PROTEINS AND INTEGRIN FUNCTION	\$93,216
2010	UNIVERSITY OF MINNESOTA	MN	T32AI007313	Immunology Training Program	\$179,164
2010	MAYO CLINIC	MN	R01AI034486	MECHANISMS OF EOSINOPHIL DEGRANULATION IN HUMAN DISEASE	\$348,920
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$361,674
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI083234	Anthrax Toxin Lethal Factor Inhibition Study	\$464,636
2010	MAYO CLINIC	MN	R01AI083279	Regulation of T cell maturation	\$377,750
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081690	The Role of Plasmids in Rickettsia Biology	\$375,993
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI086922	MICROARRAY STUDIES TO DISCOVER NOVEL HOST DEFENSES IN SIV INFECTION	\$226,500
2010	MAYO CLINIC	MN	R01AI081739	COMPETITIVE T LYMPHOCYTE RESPONSES TO MULTIPLE ANTIGENIC CHALLENGES	\$394,250
2010	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$196,883
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI072068	NOVEL REGULATORS OF T CELL MRNA DECAY	\$392,883
2010	MAYO CLINIC	MN	R01AI040384	REGULATION OF HIV-MEDIATED CD4 T CELL APOPTOSIS	\$359,341
2010	UNIVERSITY OF MINNESOTA	MN	R01AI045990	REOVIRUS PROTEIN S3:STRUCTURAL AND REGULATORY FUNCTIONS	\$301,009
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$339,750
2010	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,621,888
2010	UNIVERSITY OF MINNESOTA	MN	U01AI069550	CLINICAL CENTER - OUTCOMES OF LIVE ORGAN DONORS	\$610,963
2010	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$310,038
2010	DISCOVERY GENOMICS INC	MN	R43AI088984	SLEEPING BEAUTY-MEDIATED GENE THERAPY OF X-LINKED SCID	\$270,673
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI088209	Cortical epithelial cells in the selection and maturation of CD8 T cells	\$369,371
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI078951	Biomarker Screening of Essential Putative Glycoprotease Inhibitor	\$364,980
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$650,425
2010	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$336,575

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2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	DEVELOPMENT OF PARATRANSGENIC TICKS FOR DISEASE CONTROL	\$434,564
2010	MAYO CLINIC	MN	R01AI048793	IMMUNOGENETIC MECHANISMS OF VACCINE RESPONSE	\$384,066
2010	UNIVERSITY OF MINNESOTA	MN	R01AI039560	TCR SIGNAL STRENGTH IN THYMIC SELECTION	\$309,985
2010	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$215,605
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI079219	EOSINOPHIL PEROXIDASE IN ALLERGIC INFLAMMATION	\$454,867
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI087830	Regulatory T cells dictate immunity during persistent Salmonella infection	\$368,813
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI064046	APOBEC3 PROTEINS IN HIV RESTRICTION	\$369,881
2010	UNIVERSITY OF MINNESOTA	MN	U01AI089244	Trial for the Optimal Timing of HIV Therapy after Cryptococcal Meningitis	\$1,692,043
2010	MAYO CLINIC	MN	R56AI089714	KLF10 REGULATES COLITIS THROUGH MEDIATING TGFB INDUCTION OF FOXP3 IN TREG CELLS.	\$394,250
2010	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI058134	BIOFILMS AND ENTEROCOCCUS FAECALIS BIOLOGY	\$389,212
2010	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$295,242
2010	WASHINGTON UNIVERSITY	MO	R01AI041592	C3, CR1, CRRY: INTERACTIONS, HOMEOSTASIS AND TRANSLATIONAL IMPLICATIONS	\$376,200
2010	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$342,000
2010	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$380,000
2010	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$332,147
2010	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF INFLUENZA VIRUS INFECTION BY ISG15	\$338,580
2010	WASHINGTON UNIVERSITY	MO	R01AI078795	CRYPTOCOCCAL INTERACTIONS WITH HOST CELLS	\$376,200
2010	WASHINGTON UNIVERSITY	MO	UH2AI083266	THE HUMAN VIROME IN CHILDREN AND ITS RELATIONSHIP TO FEBRILE ILLNESS	\$427,458
2010	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$376,200
2010	GOLDEN SOY LLC	MO	R43AI087308	THE DEVELOPMENT OF IMMUNE-BASED THERAPIES USING PLANT DERIVED COMPOUNDS TO ATTENU	\$99,974
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$295,269

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	WASHINGTON UNIVERSITY	MO	R01AI024742	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	\$492,907
2010	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$758,867
2010	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$415,731
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI048541	REGULATION OF NEONATAL IMMUNITY	\$310,705
2010	WASHINGTON UNIVERSITY	MO	R01AI030084	MOLECULAR DISSECTION OF E. HISTOLYTICA PATHOGENESIS	\$358,351
2010	WASHINGTON UNIVERSITY	MO	K24AI067794	INFECTIOUS DISEASE & HEALTHCARE EPIDEMIOLOGY MENTORING	\$142,147
2010	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$530,087
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI082305	ACTIN-BASED MOTILITY AND TICK ACQUISITION OF ANAPLASMATACEAE	\$184,120
2010	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$376,200
2010	WASHINGTON UNIVERSITY	MO	K23AI065806	C. DIFFICILE DISEASE IN STEM CELL TRANSPLANT RECIPIENTS	\$125,028
2010	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$376,200
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI094715	STRUCTURE-BASED EXPANSION OF NEUTRALIZATION ABILITY OF KD-247, AN ANTI-V3 MAB	\$227,250
2010	WASHINGTON UNIVERSITY	MO	UH3AI083265	The Neonatal Microbiome and Necrotizing Enterocolitis	\$2,500,000
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI087899	C. TRACHOMATIS INCREASES TRANSMISSION OF HIV: MECHANISMS IN THE ENDOCERVIX	\$234,727
2010	SAINT LOUIS UNIVERSITY	MO	R56AI089758	ROLE OF NATURAL KILLER LYTIC-ASSOCIATED MOLECULE (NKLAM) IN NATURAL KILLER FUNCTI	\$337,500
2010	WASHINGTON UNIVERSITY	MO	R01AI049950	STRUCTURE OF PROTEINS INVOLVED IN BACTERIAL PATHOGENESIS	\$315,636
2010	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$356,913
2010	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$358,351
2010	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$657,134
2010	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$280,665
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$424,938
2010	WASHINGTON UNIVERSITY	MO	R01AI037618	CD46: PROTECTING THE HOST FROM COMPLEMENT ATTACK	\$286,680
2010	WASHINGTON UNIVERSITY	MO	U01AI070374	A DIAGNOSTIC MICROARRAY FOR HEMORRHAGIC FEVER ENCEPHALITIS VIRUSES	\$784,825

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2010	WASHINGTON UNIVERSITY	MO	F31AI081504	CHARACTERIZING EXPORTAL BY A POLYMYXIN B RESISTANCE-BASED MUTAGENIC APPROACH	\$28,413
2010	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$311,355
2010	SAINT LOUIS UNIVERSITY	MO	R01AI087764	Exploiting dual-TCR for rescue of CD8 T cell tolerance in adoptive immunotherapy	\$368,750
2010	WASHINGTON UNIVERSITY	MO	R13AI089016	CONFERENCE OF THE SOCIETY FOR NATURAL IMMUNITY	\$7,000
2010	WASHINGTON UNIVERSITY	MO	R01AI084887	SUSCEPTIBILTY GENE-VIRUS INTERACTIONS IN INFLAMMATORY BOWEL DISEASE	\$380,000
2010	WASHINGTON UNIVERSITY	MO	R21AI090199	EPIDEMIOLOGY OF NOVEL HUMAN ASTROVIRUSES	\$208,000
2010	WASHINGTON UNIVERSITY	MO	R01AI069390	MECHANISMS OF ACTION FOR COLONY-STIMULATING-FACTORS IN IBD	\$369,053
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$434,575
2010	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$815,013
2010	WASHINGTON UNIVERSITY	MO	R01AI065985	DEFINING NS4B FUNCTION IN HEPATITIS C VIRUS REPLICATION	\$286,680
2010	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DIESEASES	\$7,122,507
2010	WASHINGTON UNIVERSITY	MO	R01AI047829	THE V(D)J RECOMBINATION REACTION AND ITS IMPACT ON LYMPHOCYTE DEVELOPMENT	\$380,000
2010	WASHINGTON UNIVERSITY	MO	R01AI048052	THE MOLECULAR MECHANISM OF LEGIONELLA TYPE IV SECRETION	\$322,515
2010	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$553,649
2010	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$322,515
2010	WASHINGTON UNIVERSITY	MO	F31AI078716	A SMALL MOLECULE APPROACH TOWARD UNDERSTANDING BACTERIAL TOXIN TRANSPORT	\$28,413
2010	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$376,200
2010	WASHINGTON UNIVERSITY	MO	F32AI080062	ANALYSIS OF BIDIRECTIONAL SIGNALING MECHANISMS FOR BTLA AND HVEM	\$12,619
2010	WASHINGTON UNIVERSITY	MO	R21AI081224	LONG-RANGE GENETIC AND EPIGENETIC CONTROL OF TCRB GENE ASSEMBLY	\$225,720
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI088363	NOVEL MODULATION OF DENDRITIC CELL RESPONSE AGAINST A CHRONIC VIRUS INFECTION	\$211,800

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2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	K08AI083744	OSPC MEDIATED EVASION OF THE INNATE IMMUNE RESPONSE BY BORRELIA BURGDORFERI	\$115,040
2010	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$368,775
2010	WASHINGTON UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$374,266
2010	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$258,336
2010	WASHINGTON UNIVERSITY	MO	R01AI049261	ROLE OF DPPI & SERINE PROTEASES IN INFLAMMATORY DISEASES	\$376,200
2010	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$342,000
2010	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$158,334
2010	WASHINGTON UNIVERSITY	MO	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$78,348
2010	WASHINGTON UNIVERSITY	MO	R01AI027568	CD8 T CELL RECOGNITION OF MHC CLASS I	\$358,351
2010	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,511,652
2010	WASHINGTON UNIVERSITY	MO	R01AI073155	TARGETING THE ACTIN CYTOSKELETON IN PARASITES	\$346,832
2010	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2010	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$376,200
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076395	MECHANISMS BY WHICH B CELL DEPLETION INHIBITS AUTOIMMUNE DISEASES	\$370,013
2010	WASHINGTON UNIVERSITY	MO	K08AI079010	TARGETING ISOPRENOID BIOSYNTHESIS IN PLASMODIUM FALCIPARUM	\$113,964
2010	WASHINGTON UNIVERSITY	MO	K08AI081751	INTEGRATION OF T CELL RECEPTOR AND CHEMOKINE SIGNALING IN THYMOCYTES	\$111,688
2010	DIVERGENCE INC	MO	R43AI085744	FACILE DETECTION OF SOIL-TRANSMITTED HELMINTH INFECTIONS	\$300,000
2010	WASHINGTON UNIVERSITY	MO	R21AI076737	A NOVEL GLYCAN SYNTHETIC ACTIVITY IN CRYPTOCOCCUS NEOFORMANS	\$228,000
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI087448	MECHANISTIC STUDIES OF AN UNEXPECTED HIV-1 VPU FUNCTION	\$227,250
2010	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	STRUCTURE FUNCTION ANALYSIS OF STAPHYLOCOCCAL COMPLEMENT INHIBITORS	\$303,435
2010	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$343,778
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$352,570
2010	WASHINGTON UNIVERSITY	MO	R01AI065982	NOROVIRUS INFECTION OF DENDRITIC CELLS AND MACROPHAGES	\$314,034
2010	WASHINGTON UNIVERSITY	MO	U01AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,635,616

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	WASHINGTON UNIVERSITY	MO	R37AI034385	ACTIVATION RECEPTORS ON NK CELLS	\$258,336
2010	WASHINGTON UNIVERSITY	MO	K08AI085030	Mechanisms of Innate Immune Memory	\$120,061
2010	WASHINGTON UNIVERSITY	MO	R01AI077600	BACTERIAL CAPTURE AND ANTIGEN PRESENTATION IN SPLEEN	\$376,200
2010	WASHINGTON UNIVERSITY	MO	R13AI091179	2010 MIDWEST MICROBIAL PATHOGENESIS CONFERENCE	\$12,500
2010	WASHINGTON UNIVERSITY	MO	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$249,480
2010	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$409,801
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI080870	HuR in Allergic Asthma and T Cell Differentiation	\$283,483
2010	WASHINGTON UNIVERSITY	MO	U01AI077955	SAFE ANTIBODY PROPHYLAXIS AND THERAPY AGAINST DENGUE VIRUS	\$853,695
2010	WASHINGTON UNIVERSITY	MO	R21AI082004	HOST FACTORS IN CRYPTOCOCCAL INFECTION	\$225,720
2010	WASHINGTON UNIVERSITY	MO	K08AI083746	MUCOSAL IMMUNE CHECKPOINTS IN CHRONIC BACTERIAL CYSTITIS	\$118,621
2010	WASHINGTON UNIVERSITY	MO	R01AI079187	THE ROLE OF REGULATORY T CELL DEVELOPMENT IN THE PREVENTION OF AUTOIMMUNITY	\$376,200
2010	WASHINGTON UNIVERSITY	MO	R21AI088337	NOVEL TRANSPOSONS AND PLASTICITY ZONES OF HELICOBACTER PYLORI	\$228,000
2010	SAINT LOUIS UNIVERSITY	MO	R21AI085206	AN ANTIVIRAL FUNCTION OF CELLULAR PRP IDENTIFIED USING HSV-1 ICP34.5 MUTANT VIRUS	\$217,887
2010	KIRKSVILLE OSTEOPATHIC HOSPITAL	MO	R15AI090680	SIGNIFICANCE OF FOUR METHIONINE SULFOXIDE REDUCTASES IN STAPHYLOCOCCUS AUREUS	\$308,874
2010	WASHINGTON UNIVERSITY	MO	R01AI089591	Antibody Based Therapeutics for Chikungunya Virus	\$848,100
2010	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$613,480
2010	WASHINGTON UNIVERSITY	MO	K08AI076633	THE ROLE OF NKG2D/DAP10 IN TOXOPLASMA GONDII INFECTION	\$115,190
2010	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$258,336
2010	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$380,000
2010	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$378,774
2010	WASHINGTON UNIVERSITY	MO	R37AI024157	T CELL RECOGNITION OF ANTIGEN	\$364,870
2010	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$425,418
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$364,269

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2010	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$376,200
2010	SAINT LOUIS UNIVERSITY	MO	R21AI090223	VIRUS-ENCODED COSTIMULATION MOLECULES TO IMPROVE HSV-2 VACCINE EFFICACY	\$184,375
2010	UNIVERSITY OF MISSOURI, KANSAS CITY	MO	R01AI083803	Biophysics of Drug Interactions with Viral Episomes	\$371,097
2010	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	F32AI085627	BIOACTIVITY OF APTAMERS TARGETED TO HIV REVERSE TRANSCRIPTASE	\$47,606
2010	WASHINGTON UNIVERSITY	MO	K08AI085039	Investigation of the Molecular Basis of T Cell Alloreactivity	\$104,395
2010	UNIVERSITY OF MISSISSIPPI	MS	F32AI083157	BIOSYNTHETIC ROUTES TO DRUG DEVELOPMENT FOR AIDS OL MTB	\$47,606
2010	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$435,131
2010	MISSISSIPPI UNIVERSITY FOR WOMEN	MS	R15AI085446	THE MOLECULAR MECHANISMS FOR THE UNIPOLAR SURFACE EXPRESSION OF ICSA OF SHIGELLA	\$150,000
2010	MONTANA STATE UNIVERSITY	MT	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$352,688
2010	PROMILIAD BIOPHARMA INC	MT	R42AI065143	POTENT ANTIFOLATES AS NEW THERAPEUTICS FOR MRSA	\$754,203
2010	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$350,213
2010	MONTANA STATE UNIVERSITY	MT	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$352,688
2010	MONTANA STATE UNIVERSITY	MT	R01AI081838	Hypoxia Adapation and Fungal Virulence of Aspergillus fumigatus	\$313,211
2010	UNIVERSITY OF MONTANA	MT	R21AI088131	LOW TEMPERATURE SURVIVAL OF BORRELIA BURGDORFERI IN OVERWINTERING TICKS	\$212,250
2010	MONTANA STATE UNIVERSITY	MT	R21AI083244	ROLE OF FORMYL PEPTIDE RECEPTOR VARIANTS IN MUCOSAL INNATE IMMUNE DEFENSE	\$176,344
2010	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$383,060
2010	MONTANA STATE UNIVERSITY	MT	R01AI081961	MAPPING ADENO-ASSOCIATED VIRUS CAPSID STRUCTURAL AND DYNAMIC TRANSITIONS	\$350,157
2010	UNIVERSITY OF MONTANA	MT	K22AI079008	HCMV GLYCOPROTEINS THAT MEDIATE CELL-TYPE SPECIFIC ENTRY	\$159,600
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI070984	THE ROLE OF DENDRITIC CELLS AND MACROPHAGES IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$364,224
2010	DUKE UNIVERSITY	NC	R01AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$449,695
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077417	MODIFIED TRITERPINES AS POTENT HIV FUSION INHIBITORS	\$456,822
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI047707	BASIS AND MODULATION OF THE INNATE IMMUNE DEFECT IN FIV	\$325,592

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2010	EAST CAROLINA UNIVERSITY	NC	R01AI063516	BRUCELLA IRON METABOLISM IN HOST MACROPHAGES	\$302,358
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$363,884
2010	DUKE UNIVERSITY	NC	R01AI050128	RAS SIGNALING IN C. NEOFORMANS VIRULENCE AND DEVELOPMENT	\$308,880
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$606,993
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R37AI031789	STATISTICAL METHODS FOR AIDS CLINICAL TRIALS	\$363,083
2010	DUKE UNIVERSITY	NC	R01AI050021	CAVEOLAE MEDIATED BACTERIAL UPTAKE IN THE URINARY TRACT	\$367,781
2010	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$331,002
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$100,298
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067913	SPATIAL EPIDEMIOLOGY OF SYPHILIS AND GONORRHEA IN NORTH CAROLINA	\$341,950
2010	DUKE UNIVERSITY	NC	R01AI050483	POLY-FUNCTIONAL ANALYSES OF VACCINE-INDUCED T CELL RESPONSES	\$415,464
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064806	INVESTIGATION OF SYSTEMS REGULATION IN TLR SIGNALING	\$309,784
2010	DUKE UNIVERSITY	NC	U19AI067798	Centers for Medical Countermeasures Against Radiation	\$3,755,413
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$442,319
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077454	TREG IN HIV-1 REPLICATION AND PATHOGENESIS	\$364,705
2010	DUKE UNIVERSITY	NC	K24AI072522	MID-CAREER INVESTIGATOR AWARD: PREVENTING AND DIAGNOSING FUNGAL DISEASE	\$118,368
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$418,777
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI075081	BORDETELLA BIOFILMS AND PATHOGENESIS	\$366,300
2010	DUKE UNIVERSITY	NC	R21AI079366	TLR SIGNALING IN CD8 T CELL RESPONSE TO VACCINIA VIRUS	\$193,050
2010	DUKE UNIVERSITY	NC	R03AI078119	FIGHTING MALARIA WITH MICROFINANCE: EVIDENCE FROM INDIA	\$64,761
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI074775	GLYCOMICS OF HEPARAN SULFATE IN BACTERIAL PATHOGENESIS	\$197,258
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079144	Epigenetics of Severe Systemic Inflammation	\$370,000
2010	DUKE UNIVERSITY	NC	R01AI089526	Discovery and development of broad spectrum anti-flaviviral drugs	\$869,118

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2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI085830	EVALUATING THE PROGRESSION OF PNEUMONIC PLAGUE	\$47,606
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI080726	CTL response to AAV Vector	\$366,784
2010	DUKE UNIVERSITY	NC	R21AI088327	INFLUENZA VIRUS SMALL RNAS	\$234,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R34AI087065	PREVENTING HIV INFECTION IN WOMEN: TARGETING ANTIRETROVIRALS TO MUCOSAL TISSUES	\$111,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082870	Francisella tularensis Pathogenesis	\$303,735
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI085545	A FUNCTIONAL STUDY OF UBIQUITIN C-TERMINAL HYDROLASE L1 EXPRESSION IN B-LYMPHOMA	\$74,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI083158	MECHANISMS OF CHROMATIN REGULATION THAT DRIVE HIV LATENCY	\$404,892
2010	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$347,490
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067641	IMMUNE EVASION MECHANISMS OF NEUROVIRULENT ALPHAVIRUSES	\$288,889
2010	DUKE UNIVERSITY	NC	R01AI063345	TROPHIC REGULATION IN T CELL HOMEOSTASIS AND DISEASE	\$367,781
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$304,480
2010	EAST CAROLINA UNIVERSITY	NC	R01AI048499	BRUCELLA STATIONARY PHASE GENE EXPRESSION AND VIRULENCE	\$313,321
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$172,686
2010	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$94,995
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078924	STRUCTURE AND INHIBITION OF THE CONJUGATIVE DNA RELAXASE-HELICASE	\$410,789
2010	DUKE UNIVERSITY	NC	R01AI076357	A MURINE MODEL OF CHRONIC AUTOIMMUNE HEPATITIS AND LIVER FIBROSIS	\$308,880
2010	DUKE UNIVERSITY	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$410,941
2010	DUKE UNIVERSITY	NC	R21AI085331	SEXUAL REPRODUCTION AND VIRULENCE OF ZYGOMYCETE FUNGI	\$234,000
2010	NOVAN INC	NC	R43AI082866	NITRIC OXIDE RELEASING CATHETER COATINGS TO PREVENT NOSOCOMIAL INFECTIONS	\$282,022
2010	ADVANCED LIQUID LOGIC INC	NC	R44AI065169	NANODROPLET PCR LAB-CHIP FOR CLINICAL PATHOGEN DETECTION	\$998,082
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI089819	Within Host Selection of P. falciparum Variants by Artemisinin Combination Therap	\$342,120
2010	DAVIDSON COLLEGE	NC	R15AI088558	1,2,3-TRIAZOLE NUCLEOBASES IN ANTIVIRAL NUCLEOSIDE ANALOGUES	\$212,901

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$644,439
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI085201	ERYTHROPOIETIN AND ERYTHROPOIETIN-MIMETIC PEPTIDES FOR THE TREATMENT OF CEREBRAL	\$366,698
2010	DUKE UNIVERSITY	NC	R56AI077648	CALCINEURIN INHIBITION TO HALT ASPERGILLUS FUMIGATUS HYPHAE AND VIRULENCE	\$392,500
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI078700	THE ROLE OF EXOPOLYSACCHARIDES IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$46,294
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI077355	SEX, AGING AND ANTIRETROVIRAL PHARMACOLOGY	\$132,230
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI032983	CELLULAR INTERACTIONS OF VIRAL MATRIX PROTEIN	\$293,040
2010	NORTH CAROLINA CENTRAL UNIVERSITY	NC	R01AI038910	REGULATION OF CHEMOKINE MEDIATED LEUKOCYTE FUNCTIONS	\$323,266
2010	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$367,600
2010	DUKE UNIVERSITY	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$6,421,192
2010	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$356,171
2010	DUKE UNIVERSITY	NC	R01AI080488	MECHANISMS OF LATE EFFECTS OF EXPOSURE TO RADIATION	\$386,100
2010	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$321,048
2010	NORTH CAROLINA CENTRAL UNIVERSITY	NC	SC2AI081656	MODULATION OF VIRULENCE DETERMINANTS CONTRIBUTING TO GONOCOCCAL PATHOGENESIS	\$99,012
2010	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$319,646
2010	DUKE UNIVERSITY	NC	R13AI084562	2013 Infectious Diseases in Africa: Measurement of Immune Responses	\$29,660
2010	UNIVERSITY OF NORTH CAROLINA AT WILMINGTON	NC	R15AI088567	The Impact of Bacterial Fatty Acid Structure on the Activity of Antimicrobial Pep	\$216,000
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R56AI073571	MECHANISMS OF CD8+ T CELL APOPTOSIS DURING ACUTE AND CHRONIC VIRAL INFECTIONS	\$370,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI088255	Regulation of the physiologic and pathologic activation of the NLRP3-inflammasome	\$358,240
2010	DUKE UNIVERSITY	NC	R01AI081694	Chlamydia Effector Proteins	\$405,001
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R56AI084886	MECHANISM OF HOST SHUT-OFF BY VSV	\$370,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI084219	MODELING TH17 CELLS IN ACUTE GVHD	\$371,962
2010	DUKE UNIVERSITY	NC	R56AI056156	ADAPTOR MOLECULES IN LYMPHOCYTE SIGNALING	\$382,486

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2010	DUKE UNIVERSITY	NC	R01AI073947	REGULATION OF THYMOCYTE MATURATION AND MATURE T LYMPHOCYTE HOMEOSTASIS BY C-FLIP	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$492,533
2010	DUKE UNIVERSITY	NC	R01AI055588	STRUCTURAL AND BIOCHEMICAL STUDIES OF LPXC INHIBITION	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI050050	STRUCTURAL SPECIFICITY OF HEPARAN SULFATE FOR HERPES INFECTIONS	\$325,744
2010	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$310,135
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI069423	UNIVERSITY OF NORTH CAROLINA AIDS CLINICAL TRIALS UNIT (UNC ACTU)	\$5,303,243
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$449,889
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	\$992,029
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI080288	AIDS LENTIVIRUS-INDUCED TGF-BETA+ TREG CELLS MEDIATE T CELL IMMUNE DYSFUNCTION	\$368,775
2010	DUKE UNIVERSITY	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$572,066
2010	DUKE UNIVERSITY	NC	R21AI085401	DEVELOPMENT OF ANTI-ASPERGILLUS SINGLE CHAIN ABS AS SERUM AND IMAGING DIAGNOSTICS	\$189,961
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088158	POLYAMINES IN STAPHYLOCOCCUS AUREUS PHYSIOLOGY AND PATHOGENESIS	\$200,777
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R00AI072956	ROLES FOR TAK1 IN T CELL DEVELOPMENT, FUNCTION AND TUMORIGENESIS	\$249,000
2010	NOVAN INC	NC	R44AI074098	NITRIC OXIDE-RELEASING WOUND DRESSING FOR PREVENTING CHRONIC WOUND INFECTIONS	\$965,400
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI089050	FUNCTIONALLY SELECTIVE RECA INHIBITORS TO PROBE BACTERIAL GENETIC RECOMBINATION	\$45,590
2010	DUKE UNIVERSITY	NC	R01AI088009	IMPLEMENTATION SCIENCE TO OPTIMIZE MALARIA VECTOR CONTROL AND DISEASE MANAGEMENT	\$600,674
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$94,727
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$1,807,207
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$362,158

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2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI049427	ADHESION JUNCTION REGULATION IN NORMAL AND DISEASED SKIN	\$384,366
2010	DUKE UNIVERSITY	NC	R01AI068032	CHLAMYDIA CO-OPTION OF EUKARYOTIC LIPID DROPLETS	\$331,002
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$328,167
2010	DUKE UNIVERSITY	NC	R01AI025783	STUDIES OF CRYPTOCOCCUS NEOFORMANS ASSOCIATED WITH AIDS	\$220,668
2010	DUKE UNIVERSITY	NC	R01AI079088	Regulating peripheral T cell tolerance	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI078060	A TETRAVALENT DENGUE VACCINE BASED ON ALPHAVIRUS REPLICONS	\$933,677
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI069116	CYCLIC AMP SIGNALING IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$327,532
2010	DUKE UNIVERSITY	NC	K08AI068822	THE IN VIVO ROLE OF SURFACTANT PROTEIN A IN ALLERGIC LUNG DISEASE	\$115,050
2010	AFFINERGY INC	NC	R44AI079891	SELF ASSEMBLING HIGH AFFINITY PEPTIDES FOR POINT OF CARE DRUG-DEVICE COMBINATIONS	\$967,615
2010	DUKE UNIVERSITY	NC	R01AI074944	AUTOPHAGY IN T LYMPHOCYTE FUNCTION	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI085073	Causal Inference in Infectious Disease Prevention Studies	\$320,865
2010	DUKE UNIVERSITY	NC	R01AI074754	BCI-2 FAMILY IN T LYMPHOCYTE HOMEOSTASIS	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$603,592
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI076748	INTEGRATION OF SPATIAL AND SOCIAL NETWORK ANALYSIS IN VACCINE TRIALS	\$73,260
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083059	Acute HIV infection - A key link for transmission prevention	\$1,036,348
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI082129	TOLL-LIKE RECEPTORS AND HOST RESPONSE TO VIBRIO VULNIFICUS, AN EMERGING PATHOGEN	\$74,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088081	HEME SCAVENGING AND UPTAKE BY HAEMOPHILUS DUCREYI	\$222,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI091547	BREASTMILK TRANSMISSION OF HIV: VIROLOGY, PHARMACOKINETICS, AND ADHERENCE IN BAN	\$618,887
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$329,670
2010	DUKE UNIVERSITY	NC	U01AI069484	HIV/AIDS CLINICAL TRIALS UNIT	\$2,538,394
2010	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$531,464
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI070684	G PROTEIN COUPLED RECEPTOR REGULATORY MECHANISMS IN ARTHRITIS	\$110,114

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2010	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$167,808
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$3,160,409
2010	DUKE UNIVERSITY	NC	R01AI039115	GENETICS OF CRYPTOCOCCUS SEXUAL REPRODUCTION	\$367,781
2010	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$50,356,166
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$181,561
2010	DUKE UNIVERSITY	NC	R01AI064789	NITRIC OXIDE AND MITOCHONDRIAL BIOGENESIS IN SEPSIS	\$257,445
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI077324	ALPHAVIRUS MODULATION OF THE HOST TYPE I INTERFERON SYSTEM	\$16,958
2010	DUKE UNIVERSITY	NC	F31AI078715	ELUCIDATION OF THE MECHANISMS OF CD8+ T CELL NONCYTOLYTIC ANTIVIRAL RESPONSE	\$30,727
2010	ELIZABETH CITY STATE UNIVERSITY	NC	SC2AI083926	SYNTHESIS OF CARBOCYCLIC FORMYCIN ANALOGUES AS ANTIVIRAL AGENTS	\$114,304
2010	RHO FEDERAL SYSTEMS DIVISION, INC	NC	U01AI088635	Coordinating Center for Organ Transplant Clinical Trials (U01)	\$3,537,949
2010	DUKE UNIVERSITY	NC	R21AI085238	GENETIC ANALYSIS IN CHLAMYDIA	\$234,000
2010	EAST CAROLINA UNIVERSITY	NC	R21AI079290	MECHANISM OF HTLV-1 TAX-MEDIATED ACTIVATION OF CDK6 TRANSCRIPTION.	\$177,581
2010	DUKE UNIVERSITY	NC	R33AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$392,500
2010	NATURAL PRODUCTS & GLYCOTECHNOLOGY	NC	R03AI070203	LABORATORY SYNTHESSES OF MYCOBACTERIAL TUBERCULOSIS LAM PROTOTYPES	\$74,622
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI085923	ROLE OF YAPG AUTOTRANSPORTER PROCESSING IN PLAGUE PATHOGENESIS	\$52,154
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI079240	Innate Immunity in Bullous Pemphigoid	\$355,600
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R56AI089313	MECHANISM OF HIV LATENCY AND VIRAL REACTIVATION IN REGULATORY T CELLS	\$384,469
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074946	IMPROVED VACCINES FOR RIFT VALLEY FEVER VIRUS	\$456,399
2010	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$329,670
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033331	NEF FUNCTION	\$392,657
2010	DUKE UNIVERSITY	NC	R01AI052201	INNATE IMMUNE MECHANISMS IN NON-INFECTIOUS LUNG INFLAMMATION	\$386,100

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2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI066075	THE ROLE OF MERTK IN AUTOIMMUNE DIABETES	\$342,633
2010	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$732,908
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054540	PROTEIN SECRETION PATHWAYS OF MYCOBACTERIUM TUBERCULOSIS	\$327,778
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$2,519,556
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$130,842
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	\$370,000
2010	DUKE UNIVERSITY	NC	K01AI083782	MATHEMATICAL MODELING IN CLINICAL TRIALS OF TUBERCULOSIS THERAPEUTICS	\$125,368
2010	G1 THERAPEUTICS INC	NC	R43AI084284	ORGANISMAL RADIOPROTECTION THROUGH PHARMACOLOGICAL QUIESCENCE	\$347,526
2010	DUKE UNIVERSITY	NC	U01AI082107	DEVELOPMENT OF EFFICACIOUS AND STABLE NASAL VACCINE FORMULATIONS	\$785,283
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI081022	COMPLEMENT-MEDIATED NEUTRALIZATION OF MUMPS VIRUS AND SV5	\$219,602
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI088628	GENETIC FACTORS IN IGE-MEDIATED FOOD ALLERGIES	\$222,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI082319	MOLECULAR MECHANISMS OF CAMPYLOBACTER JEJUNI-INDUCED PATHOGENESIS	\$192,252
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083269	Age-Dependent Thymic Events and the Development of Autoimmune T Cells in NOD Mice	\$367,241
2010	DUKE UNIVERSITY	NC	K08AI082283	VENEZUELAN EQUINE ENCEPHALITIS IMMUNOLOGY AND VACCINE DESIGN	\$125,577
2010	THERALOGICS INC	NC	R41AI088870	EVALUATION OF NBD PEPTIDES AS AN ADJUNCT THERAPY FOR THE TREATMENT OF NON-HODGKIN	\$420,475
2010	DUKE UNIVERSITY	NC	R01AI052779	HIV-1 GENE SUPPRESSION BY CD8+ T CELLS	\$308,880
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$366,300
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$344,205
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$328,075
2010	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$173,964
2010	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$386,100
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI036901	MECHANISMS OF ANTIBIOTIC ACTION IN NEISSERIA GONORRHOEAE.	\$344,205

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2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$8,247,972
2010	DUKE UNIVERSITY	NC	R01AI064464	ENTEROTOXIN TARGETING AND DELIVERY MECHANISMS	\$294,224
2010	DUKE UNIVERSITY	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$580,115
2010	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$355,552
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$293,040
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI074445	T REGULATORY CELL SUPPRESSION OF CD8+ CELL RESPONSES DURING FIV INFECTION	\$112,050
2010	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,871,180
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$564,712
2010	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079226	THE MOVEMENT OF INFLUENZA VIRUS IN HUMAN POPULATION	\$663,308
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI080148	SARS-COV TRANSCRIPTION NETWORK REMODELING AND THE ATTENUATION OF PATHOGENESIS	\$53,810
2010	DUKE UNIVERSITY	NC	R21AI081535	COMPLEMENT REGULATES THE HUMORAL RESPONSE TO HIV-1	\$231,660
2010	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R13AI087395	INTERNATIONAL FELINE RETROVIRUS RESEARCH SYMPOSIUM	\$27,000
2010	ALDERON BIOSCIENCES INC	NC	R44AI064045	ELECTROCHEMICAL RT ACTIVITY ASSAY FOR MEASURING HIV LOAD	\$470,619
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI082298	VIRAL ADAPTATION TO HOST SELENIUM STATUS	\$370,000
2010	DUKE UNIVERSITY	NC	R01AI087202	Defining parameters to induce breadth in knockin mice expressing HIV bnAb precursors	\$383,000
2010	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$317,164
2010	ALTRAVAX INC	ND	R43AI087540	VLP-BASED ANTIBODY-INDUCING VACCINES FOR HIV-1	\$299,760
2010	ALTRAVAX INC	ND	R43AI089391	DESIGNING IMPROVED HIV-1 ENVELOPE PROTEINS AS VACCINE CANDIDATES	\$299,760
2010	ALTRAVAX INC	ND	R43AI091342	IMPROVED VACCINES FOR INFLUENZA B VIRUS	\$298,391
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI038901	THE MOLECULAR CONTROL OF BACTERIAL AUTOLYSIS	\$363,825
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI067891	MOLECULAR BASIS OF THE REQUIREMENTS FOR IRF4 AND IRF8 IN PRE-B CELL DEVELOPMENT	\$346,563

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2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$261,240
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$294,030
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI081830	5' END GENOMIC DELETIONS AND ENTEROVIRUS PERSISTENCE	\$292,150
2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	K25AI068151	IDENTIFICATION OF BIOLOGICAL MATERIALS OF UNKNOWN ORIGIN	\$159,374
2010	UNIVERSITY OF NEBRASKA, LINCOLN	NE	K08AI076609	ADAPTIVE IMMUNE RESPONSE TO SYMBIOTIC BACTERIA AS A MEDIATOR OF GUT HOMEOSTASIS	\$126,630
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI091425	2010 INTERNATIONAL CONFERENCE ON GRAM-POSITIVE PATHOGENS.	\$11,700
2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	K22AI080941	BAF: AN INTRINSIC HOST DEFENSE RESPONSIVE TO FOREIGN DNA	\$162,000
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$294,030
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$1,967,460
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI075167	Estrogen Receptor a Regulation of Lupus Development and Pathogenesis	\$266,335
2010	CREIGHTON UNIVERSITY	NE	R01AI075315	TGF-BETA, CHLORIDE CHANNELS AND MIGRATION OF EOSINOPHILS	\$355,163
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI064325	MECHANISTIC INSIGHTS INTO B7 CO-STIMULATION	\$350,099
2010	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	\$367,538
2010	CREIGHTON UNIVERSITY	NE	R01AI080348	A Proteomic and Biochemical Study of HIV-1 Nucleoprotein Complexes	\$373,345
2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI087668	CITRIC ACID CYCLE REGULATION OF EXOPOLYSACCHARIDE SYNTHESIS IN STAPHYLOCOCCI	\$354,577
2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI087561	ESSENTIALITY OF MYCOBACTERIUM TUBERCULOSIS D-ALANINE RACEMASE	\$214,810
2010	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R01AI069146	SUPPRESSION OF INNATE IMMUNITY BY AN ADP-RIBOSYLTRANSFERASE TYPE III EFFECTOR	\$359,475
2010	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI090438	VACCINE STRATEGIES THAT TARGET CYTOLIC CD4 T CELLS TO THE LUNG.	\$182,046
2010	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$388,234
2010	DARTMOUTH COLLEGE	NH	R01AI037142	CHARACTERIZATION OF SAR-AGR INTERACTIONS IN S. AUREUS	\$301,580

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2010	DARTMOUTH COLLEGE	NH	R01AI041558	NEW MECHANISMS FOR REGULATING VIRULENCE GENE EXPRESSION	\$349,410
2010	DARTMOUTH COLLEGE	NH	R21AI091461	FUNCTIONAL ANALYSIS OF CD8 T CELL IMMUNE CONTROL IN TOXOPLASMA GONDII INFECTION	\$197,500
2010	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$362,772
2010	DARTMOUTH COLLEGE	NH	R01AI048667	EFFECTOR MECHANISMS IN GRAFT TOLERANCE	\$345,560
2010	IMMURX INC	NH	R43AI088948	ANGIOGENESIS ANTAGONIST PLUS CD40-TLR AGONIST ADJUVANT COMBINATION VACCINE	\$300,000
2010	DARTMOUTH COLLEGE	NH	K08AI074428	MECHANISMS FOR HIV-1 PERSISTENCE IN HUMAN MAMMARY TISSUE AND BREAST MILK CELLS	\$85,579
2010	DARTMOUTH COLLEGE	NH	R01AI039654	HIERARCHY WITHIN ENVIRONMENTAL REGULONS	\$349,410
2010	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$349,410
2010	DARTMOUTH COLLEGE	NH	R21AI081242	DEFINING THE BACTERIAL FACTORS THAT MODULATE SENSITIVITY TO B-LACTAM IN CA-MRSA	\$237,452
2010	IMMURX INC	NH	R43AI077229	POTENT VACCINE ADJUVANT THERAPEUTIC	\$277,222
2010	DARTMOUTH COLLEGE	NH	R01AI013541	SEX HORMONE REGULATION OF THE MUCOSAL IMMUNE SYSTEM	\$388,234
2010	DARTMOUTH COLLEGE	NH	R01AI059694	BIOINFORMATICS STRATEGIES: BIODEFENSE VACCINE RESEARCH	\$481,909
2010	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$219,963
2010	DARTMOUTH COLLEGE	NH	R01AI083256	cdiGMP regulation of Biofilm Formation	\$391,050
2010	DARTMOUTH COLLEGE	NH	R33AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$372,837
2010	CLIN-EPR, LLC	NH	R43AI081495	DEVELOPMENT OF IN VIVO EPR TOOTH DOSIMETRY FOR USE BY NON-EXPERT PERSONNEL	\$300,000
2010	DARTMOUTH COLLEGE	NH	R01AI067405	MECHANISMS OF CHAPERONE-MEDIATED IMMUNE RESPONSES	\$310,587
2010	DARTMOUTH COLLEGE	NH	K08AI069915	MECHANISMS OF REGULATORY T CELL SUPPRESSION OF HIV-SPECIFIC CELLULAR IMMUNITY	\$136,418
2010	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$497,116
2010	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$388,234
2010	DARTMOUTH COLLEGE	NH	R01AI069360	TNF PROCESSING IN PULMONARY IMMUNOPATHOLOGY	\$349,731
2010	DARTMOUTH COLLEGE	NH	R01AI078195	CHEMOKINES IN AUTOIMMUNE HEPATITIS	\$395,753

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	DARTMOUTH COLLEGE	NH	R21AI084089	THE TH17-IL-9 MAST CELL AXIS IN INFLAMMATORY DISEASE	\$316,000
2010	DARTMOUTH COLLEGE	NH	R01AI041930	T. GONDII: PYRIMIDINE SYNTHESIS AS A CHEMO TARGET	\$391,050
2010	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$349,624
2010	DARTMOUTH COLLEGE	NH	R21AI080594	V. CHOLERAЕ PROTEINS ARE REQUIRED FOR BIOFILM GROWTH-VACCINE TARGETS	\$245,882
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI054338	HOST-PATHOGEN DETERMINANTS OF M.TB LATENCY	\$584,168
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI075490	INTEGRATED DUAL-USE SYSTEMS FOR BIO-DEFENSE & SEPSIS DIAGNOSIS	\$450,153
2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$382,897
2010	PRINCETON UNIVERSITY	NJ	F32AI074271	SUBCELLULAR PROTEIN LOCALIZATION IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$52,154
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$578,299
2010	HACKENSACK MEDICAL CENTER	NJ	R21AI078821	B CELL PRESENTATION OF HIV	\$215,696
2010	PRINCETON UNIVERSITY	NJ	R21AI085415	COMPUTATIONAL METHODS FOR UNCOVERING PROTEIN FUNCTION IN PLASMODIUM FALCIPARUM	\$478,224
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI088765	Infectious Triggers in Chronic Fatigue Syndrome	\$273,000
2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI088627	STRUCTURE-BASED ENGINEERING OF ALLERGENS TO ENHANCE DIGESTIBILITY	\$195,000
2010	PRINCETON UNIVERSITY	NJ	R01AI087672	Human cytomegalovirus latency in cultured monocytes	\$347,003
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI080659	MECHANISTIC STUDIES OF HCV E2	\$374,200
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R56AI090155	THE MOLECULAR BASIS OF EPIDEMIC BLAKPC KLEBSIELLA PNEUMONIAE AND ENTEROBACTERIACE	\$558,370
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$726,380
2010	PRINCETON UNIVERSITY	NJ	R01AI078063	METABOLOMICS OF THE VIRUS-HOST CELL INTERACTION	\$309,599
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI046283	ANTIGENIC PROPERTIES OF THE V1/V2 DOMAIN OF HIV-1 GP120	\$534,132
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI087201	DEFINING AND TARGETING THE HIV NUCLEOSIDE-COMPETING RT INHIBITOR BINDING SITE	\$192,552
2010	PRINCETON UNIVERSITY	NJ	F32AI085922	ROLES FOR FIVE SMALL RNAS REQUIRED FOR QUORUM SENSING IN VIBRIO HARVEYI	\$47,606

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2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	\$321,674
2010	PRINCETON UNIVERSITY	NJ	R01AI077562	Comprehensive genetic characterization of antibiotic resistance	\$398,006
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI090837	Therapeutics for Drug-Resistant Bacteria: Myxopyronins	\$1,248,037
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$375,123
2010	PRINCETON UNIVERSITY	NJ	R01AI054442	STRUCTURE-FUNCTION ANALYSIS OF AI-2 QUORUM SENSING	\$450,657
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$334,415
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080653	RAPID DIAGNOSIS OF XDR TUBERCULOSIS	\$528,832
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$585,448
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$386,100
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI090558	UNUSUAL RNA POLYMERASE FROM PATHOGENIC BACTERIUM FRANCISELLA TULARENSIS	\$192,500
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$764,773
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$440,193
2010	KEAN UNIVERSITY	NJ	R03AI090465	INFLUENZA TRANSMISSION: EXPLORATORY VISUALIZATION AND KNOWLEDGE DISCOVERY OF INDI	\$75,634
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI083405	Pathogenic and Protective T cells in Toxoplasmosis	\$390,000
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072766	INHIBITORS OF BACTERIAL RNA POLYMERASE: "SWITCH REGION"	\$582,230
2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI072399	FUNCTIONAL DISSECTION OF TOXIN-ANTITOXIN SYSTEMS IN MYCOBACTERIUM TUBERCULOSIS	\$204,559
2010	SIGNUM BIOSCIENCES INC	NJ	R44AI062034	A TOPICAL NON STEROIDAL ANTI-INFLAMMATORY FOR ROSACEA	\$838,194
2010	DREW UNIVERSITY	NJ	R15AI090606	Small RNAs and Vibrio cholerae adaptation to different carbon sources	\$352,455
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI069537	NJMS CLINICAL TRIALS UNIT: TARGETING PEDIATRIC, ADOLESCENT, AND MATERIAL HIV INFE	\$732,230
2010	PRINCETON UNIVERSITY	NJ	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$394,250

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2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI076245	MECHANISM OF TRANSLATION ELONGATION FACTOR 2 INHIBITION BY BACTERIAL TOXINS	\$215,503
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$386,100
2010	HACKENSACK MEDICAL CENTER	NJ	R21AI084683	DOES HIV ENTER DOOMED CELLS	\$264,150
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R56AI042382	STRUCTURE & FUNCTION OF THE HIV-1 ENVELOPE PROTEIN	\$390,000
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066188	GR-1+ CELLS AND THE RESPONSE TO NEMATODE PARASITES	\$366,602
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$403,393
2010	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	T32AI007403	Virus-Host Interactions in Eukaryotic Cells	\$171,141
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$605,906
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	P01AI088610	Strategies for Eliciting bnAbs against Conserved HIV-1 Quaternary Epitopes	\$2,785,302
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$1,631,422
2010	ADVANCED BIODEVICES LLC	NJ	R21AI082738	MICROBICIDE DELIVERY SYSTEM TO TARGET LYMPHOID ORGANS	\$198,970
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI074477	STRUCTURE-BASED DEVELOPMENT OF NONNUCLEOSIDE ANTI-HIV-1 RT DRUGS	\$236,205
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI031678	CYTOKINE GENE EXPRESSION DURING IN VIVO IMMUNE RESPONSE	\$386,100
2010	PRINCETON UNIVERSITY	NJ	F32AI074202	SURFACE-EXPOSURE OF LIPOPROTEINS IN GRAM-NEGATIVE BACTERIA	\$50,474
2010	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069395	HEMINTH MODULATION OF MTB	\$554,354
2010	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI084137	MULTIPLEX NANOCARRIER-BASED HYDROGELS FOR PREVENTION OF VAGINAL HIV TRANSMISSION.	\$382,388
2010	SNOWDON INC	NJ	R43AI078763	DEVELOPMENT OF AN INHIBITOR OF TOXOPLASMA GONDII	\$316,916
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI084081	UNIVERSITY OF NEW MEXICO INTERDISCIPLINARY HPV PREVENTION CENTER	\$2,700,586
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051305	GENETIC BASIS OF SEVERE MALARIAL ANEMIA	\$557,423
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI024340	BIOLOGY OF TREMATODE-SNAIL ASSOCIATIONS	\$318,272
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI069345	AUTOPHAGY IN TUBERCULOSIS	\$361,769
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI066045	T. CRUZI MOLECULAR TARGETS FOR VECTOR PARATRANSGENESIS	\$252,087

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2010	LOS ALAMOS NATIONAL SECURITY LLC	NM	R37AI028433	IMMUNE SYSTEM MODELING/HIV	\$265,066
2010	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R21AI085414	C-REACTIVE PROTEIN BINDING TO CD89: STRUCTURE AND FUNCTION	\$178,374
2010	CALDERA PHARMACEUTICALS INC	NM	R43AI079935	XRPRO DISCOVERY OF DECORPORATION AGENTS	\$300,000
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$438,075
2010	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotoxin Diagnostics	\$680,143
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$180,785
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI045452	Andes virus transmission and pathogenesis in Chile	\$575,259
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	MAPPING FOR SPECIALIZED DOMAINS FOR FCERI SIGNALING & INTERNALIZATION	\$389,087
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$371,250
2010	NEW MEXICO HIGHLANDS UNIVERSITY	NM	SC2AI081657	PHARMACEUTICAL POLYMORPHS: AN ELECTRONIC APPROACH	\$108,750
2010	BIOMEDICAL RESEARCH INSTITUTE OF NEW MEXICO	NM	R21AI088528	VLP-BASED VACCINES FOR TARGETING BACTERIAL VIRULENCE	\$146,791
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI083305	A VLP-BASED PLATFORM FOR VACCINE DISCOVERY	\$300,167
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$364,197
2010	UNIVERSITY OF NEW MEXICO (THE)	NM	R56AI087807	UNDERSTANDING THE BIOLOGY OF SCHISTOSOMES IN RESPONSE TO PRAZIQUANTEL	\$394,283
2010	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI087520	Reconstructing HIV Epidemics from HIV Phylogenetics	\$623,245
2010	UNIVERSITY OF NEVADA-RENO	NV	R01AI059348	B. ANTHRACIS: PASSIVE IMMUNIZATION WITH ANTICAPSULAR MAB	\$526,732
2010	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$315,815
2010	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	\$322,097
2010	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R15AI090573	UNDERSTANDING TRANSCRIPTIONAL SILENCING & ANTI-SILENCING MECHANISMS IN SHIGELLA	\$405,488
2010	UNIVERSITY OF NEVADA-RENO	NV	R21AI085548	TARGET DISCOVERY AND IMMUNOASSAY FOR DIAGNOSIS OF INVASIVE ASPERGILLOSIS	\$190,350
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$403,985
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$234,630

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2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI067136	MECHANISMS OF IN VIVO PROTECTION FROM HIV INFECTION	\$403,043
2010	ROCKEFELLER UNIVERSITY	NY	R01AI075099	ROLE OF HCV P7 AND NS2 IN INFECTIOUS VIRUS PRODUCTION	\$418,275
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$313,874
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$419,513
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$396,072
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$231,121
2010	UNIVERSITY OF ROCHESTER	NY	R01AI068056	GENERATION AND MAINTENANCE OF INFLUENZA-SPECIFIC PLASMA AND MEMORY B CELLS	\$326,759
2010	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$410,329
2010	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$286,439
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$471,168
2010	NEW YORK MEDICAL COLLEGE	NY	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$367,781
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$512,915
2010	ROCKEFELLER UNIVERSITY	NY	R01AI032489	STAT ACTIVATION: INACTIVATION CYCLE AND ACTIVATED STAT3 IN CANCER CELLS	\$398,429
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$435,859
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$513,196
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$532,706
2010	NEW YORK MEDICAL COLLEGE	NY	R01AI072028	TOXOPLASMA GONDII EVASION OF IMMUNE EFFECTER MECHANISMS	\$347,444
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$410,188
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$535,843
2010	UNIVERSITY OF ROCHESTER	NY	K23AI067501	IMMUNE MECHANISMS OF SEVERE RSV DISEASE- T CELL AND ANTIBODY RESPONSES	\$135,967
2010	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$300,833
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$2,391,622
2010	NEW YORK UNIVERSITY	NY	R01AI070005	PEER-DRIVEN INTERVENTION TO ENROLL MINORITIES/WOMEN IN HIV/AIDS CLINICAL TRIALS	\$511,200

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2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI075470	MULTIPLEXED DETECTION OF FOOD AND WATERBORNE PATHOGENS	\$864,231
2010	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$336,518
2010	CORNELL UNIVERSITY	NY	R01AI062995	EVOLUTIONARY GENOMICS OF ANTI-MALARIA GENES IN MOSQUITO	\$354,099
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	\$411,542
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI066128	CHARACTERIZATION OF GENES RESPONSIBLE FOR STORE-OPERATED CA2+ ENTRY IN T CELLS	\$399,608
2010	UNIVERSITY OF ROCHESTER	NY	R01AI080401	HEMATOPOIETIC TARGETS OF RADIATION: IDENTIFICATION AND MITIGATION	\$381,150
2010	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$343,378
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI041715	REGULATION OF B CELL FUNCTION BY INTERLEUKIN 12	\$343,073
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$133,110
2010	TRUDEAU INSTITUTE	NY	R01AI072296	THE ROLE OF IL-4 AND IL-4RALPHA IN THE MULTI-STEP PROCESS OF TH2 DEVELOPMENT	\$388,962
2010	SUNY, STONY BROOK	NY	R01AI068463	CELLULAR PROTEINS INVOLVED IN TRAFFICKING OF HIV-1	\$335,937
2010	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$480,683
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI077333	CHARACTERIZATION OF THE ANTI-INTERFERON PROPERTIES OF THE DENGUE NS4B	\$34,596
2010	BIOPEPTIDES INC	NY	R44AI074092	MULTI-ANTIGEN PEPTIDE ASSAY FOR THE SERODIAGNOSIS OF LYME DISEASE	\$727,043
2010	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079578	RESISTANCE SUPPRESSION FOR P. AERUGINOSA USING NOVEL COMBINATION THERAPY MODELING	\$750,762
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI083878	THE INFLUENCE OF IGA ON B CELL HOMEOSTASIS	\$194,288
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084119	Structure-Based Characterization of gp120 Non-V3 Variable Loop Epitopes	\$602,465
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI083381	EPITHELIAL TLR SIGNALING AND IGA PRODUCTION	\$209,756
2010	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI081068	ROLE OF BLK IN GAMMA DELTA T CELL DEVELOPMENT AND FUNCTION	\$233,145
2010	SUNY, STONY BROOK	NY	R01AI015122	PICORNAVIRUS MOLECULAR BIOLOGY	\$382,178
2010	CORNELL UNIVERSITY	NY	R01AI076588	TOLL-LIKE RECEPTOR 9: TRAFFICKING AND SIGNALING	\$343,035

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2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI083883	IMMUNOLOGICAL RESPONSE TO CHINESE HERBAL MEDICINE IN FOOD ALLERGY	\$128,907
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI088169	ECOLOGY OF POWASSAN/DEER TICK VIRUS IN EASTERN NEW YORK STATE	\$225,910
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI086072	STRUCTURAL STUDIES OF A TETRACYCLINE EFFLUX PUMP	\$41,380
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087390	Modulation of Retroviral Uncoating by Cellular Factors	\$415,000
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI083491	PARTICIPATION OF MUCOSAL TYPE I INTERFERON SIGNALING IN PULMONARY DISEASE	\$199,238
2010	ROCKEFELLER UNIVERSITY	NY	F32AI084448	HEPATITIS C VIRUS HOST INTERACTIONS IN MICROPATTERNED HEPATOCYTE CO-CULTURES	\$50,474
2010	CORNELL UNIVERSITY	NY	R01AI080651	DEVELOPMENT OF A CELL-BASED HTS FOR COMPOUNDS WITH ACTIVITY AGAINST TUBERCULOSIS	\$270,139
2010	New York Blood Center, Inc.	NY	R01AI081604	RATIONAL DESIGN OF ANTIVIRALS TARGETED TO HIV-1 CAPSID	\$534,400
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R00AI077800	STUDIES OF HEPATITIS C VIRUS POLARIZED CELL ENTRY AND HOST FACTOR REQUIREMENTS	\$249,000
2010	UNIVERSITY OF ROCHESTER	NY	R01AI081773	Metabolic regulatory mechanisms essential for Human Cytomegalovirus replication	\$344,625
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI083142	Viral Evolution and Humoral Immune Response to Dual HIV-1 Infection	\$502,463
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI083481	LUNG AND BONE MARROW CROSSTALK DURING A RESPIRATORY INFECTION	\$5,229
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI090501	DESIGN, SYNTHESIS AND EVALUATION OF SELECTIVE GRP94 INHIBITORS	\$254,420
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087465	Impact of HIV, Antiretroviral Therapy and TB Genotype on Survival in MDR TB	\$828,484
2010	COLD SPRING HARBOR LABORATORY	NY	R13AI085901	2009 CSHL HARNESSING IMMUNITY TO PREVENT AND TREAT DISEASE	\$8,000
2010	ROCKEFELLER UNIVERSITY	NY	R01AI089970	A genetic dissection of Mendelian susceptibility to mycobacterial diseases (MSMD)	\$507,000
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI090473	METABOLOMIC ANALYSIS OF REDOX CONTROL IN MYCOBACTERIUM TUBERCULOSIS PERSISTERS	\$249,000
2010	ROCKEFELLER UNIVERSITY	NY	R01AI089844	BIOGENESIS OF HIV 1 IN LIVING CELLS	\$391,795
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI084952	ORAL VACCINE PLATFORM FOR YERSINIA PESTIS	\$425,375
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$530,161

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2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R56AI090072	MODULATION OF MACROPHAGE FUNCTION BY FRANCISELLA TULARENSIS	\$316,000
2010	TRUDEAU INSTITUTE	NY	R01AI073564	T CELL RESPONSES TO CHRONIC BACTERIAL INFECTION	\$456,746
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$0
2010	CORNELL UNIVERSITY	NY	R01AI073831	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$374,121
2010	TRUDEAU INSTITUTE	NY	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$465,417
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$404,649
2010	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$291,373
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI045658	GENE EXPRESSION IN M. TUBERCULOSIS	\$380,993
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI049512	PURINE PATHWAYS AND INHIBITOR DESIGN IN PLASMODIUM	\$490,845
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007506	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	\$198,333
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI066938	HIV VACCINE DEVELOPMENT USING RECOMBINANT COXSACKIEVIRUSES	\$261,599
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072790	FOXP3 REGULATORY NETWORK MRNA PROFILES AND HUMAN RENAL TRANSPLANT OUTCOMES	\$569,094
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$566,144
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$415,000
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$1,686,309
2010	UNIVERSITY OF ROCHESTER	NY	U19AI056390	AUTOIMMUNITY CENTER OF EXCELLENCE - ROCHESTER	\$682,356
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$443,349
2010	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$136,858
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$10,000
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070469	LIVE ATTENUATED VACCINES FOR EPIDEMIC AND PANDEMIC FLU	\$1,948,534
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$208,287
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI070232	NEW STRATEGIES TO PREVENT DEATH FROM INFLUENZA	\$1,196,788
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI065773	ESTABLISHING THE MOLECULAR MECHANISMS OF BCR ENDOCYTOSIS	\$381,193

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI078884	COMPLICATIONS OF CHRONIC VIRAL INFECTIONS	\$178,736
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI075570	THE ROLE OF RAB24 IN HIV-1 ASSEMBLY	\$46,380
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081510	OPTIMIZING ADENOVIRAL VECTOR TO ELICIT A POTENT ANTI-MALARIA IMMUNITY	\$451,688
2010	TRUDEAU INSTITUTE	NY	R01AI076479	THE INTERDEPENDENCE BETWEEN T AND B CELLS IN TH2 CELL DIFFERENTIATION	\$418,770
2010	UNIVERSITY OF ROCHESTER	NY	R01AI079446	REDUCTION OF UNECESSARY ANTIBIOTICS IN ADULTS BY THE USE OF VIRAL DIAGNOSTICS	\$431,997
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI071078	MODULATING IMMUNITY THROUGH DENDRITIC CELL PHAGOCYtic RECEPTORS	\$419,513
2010	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$309,420
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI082437	TARGETS OF NOVEL EBOLA VIRUS ENTRY INHIBITORS	\$205,425
2010	TECHNOVAX INC	NY	R44AI063830	DEVELOPMENT OF INFLUENZA VIRUS-LIKE PARTICLE (VLP) VACCINES	\$971,080
2010	UNIVERSITY OF ROCHESTER	NY	R01AI077401	TARGETING PI3K/AKT CELL SURVIVAL PATHWAY AS A NOVEL ANTI-HIV THERAPY	\$343,035
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$373,957
2010	TRUDEAU INSTITUTE	NY	R01AI071295	ROLES FOR COAGULATION IN IMMUNITY	\$465,300
2010	NEW YORK UNIVERSITY	NY	R01AI078783	HIV-1 Replication Without Integration	\$377,003
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI083284	A novel virus-derived adjuvant	\$7,282
2010	SUNY, BINGHAMTON	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$298,239
2010	UNIVERSITY OF ROCHESTER	NY	R01AI084111	TRANSMISSION-BLOCKING VACCINE FOR HIV-1	\$151,079
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083408	QUANTITATIVE MODELING OF THE PHENOTYPIC VARIABILITY OF INDIVIDUAL T CELLS AND THE	\$484,215
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077690	MODELING OF S. AUREUS TRANSMISSION IN NORTHERN MANHATTAN.	\$634,399
2010	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$714,313
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI080987	DEVELOPMENT OF CELL-PERMEABLE ANTIBODIES FOR POST-EXPOSURE TREATMENT OF RICIN	\$200,000
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083901	Regulation of the anti-phospholipid response in SLE	\$424,925
2010	UNIVERSITY OF ROCHESTER	NY	R01AI091422	DISCOVERY AND EVALUATION OF FUNGICIDAL ANTI-CRYPTOCOCCAL MOLECULES	\$393,364
2010	SUNY, BUFFALO	NY	R56AI079188	ROLE OF MEMORY T CELLS IN PATHOGENESIS AND RESOLUTION OF INFLAMMATORY DISEASES	\$396,250

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2010	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$137,160
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI088027	Mechanisms of Ebolavirus and Marburgvirus Entry into Cells	\$415,000
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI089246	Genomic Determinants of Intrinsic Antiviral Host Defenses	\$447,503
2010	LITRON LABORATORIES, LTD	NY	R43AI082851	RAPID RADIATION DOSE ESTIMATION	\$300,000
2010	GLYCOBIA INC	NY	R43AI091336	THERAPEUTIC ANTIBODY FRAGMENTS FROM GLYCOENGINEERED ESCHERICHIA COLI	\$153,496
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083988	The function of PLZF in innate T cells	\$477,250
2010	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI082039	Inflammatory Control of Lymphocyte Trafficking	\$465,332
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI081848	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$422,500
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	K99AI077917	MECHANISM OF ANTIBODY-MEDIATED IMMUNITY AGAINST F. TULARENSIS	\$86,818
2010	CODEVAX INC	NY	R43AI085844	ANTI-AUTOLYSIN PASSIVE IMMUNITY FOR MRSA OSTEOMYELITIS	\$326,193
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI084633	DENDRITIC CELL RESTRICTION AND INNATE IMMUNE SENSING OF HIV INFECTION	\$253,500
2010	ROCKEFELLER UNIVERSITY	NY	R01AI085973	Parameters that govern initiation of VSG switching in T.brucei	\$422,500
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI085313	THE LUNG AND MALARIA	\$249,360
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI039951	PROTEIN-PROTEIN INTERACTIONS OF HIV-1 INTEGRASE	\$410,855
2010	COLUMBIA UNIVERSITY	NY	R34AI090051	PLANNING FOR A PHASE 2/2B MICROBICIDE STUDY: VIVAGEL FOR HSV PREVENTION IN WOMEN	\$206,233
2010	ROCKEFELLER UNIVERSITY	NY	R56AI089062	HOST FACTOR DNAJC14 AS A NOVEL TARGET FOR BROAD SPECTRUM ANTI-FLAVIVIRUS ACTIVITY	\$380,250
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$226,454
2010	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$340,888
2010	UNIVERSITY OF ROCHESTER	NY	R01AI041387	IMPACT OF NNRTI-RESISTANCE ON RNASE H & HIV REPLICATION	\$373,909
2010	COLD SPRING HARBOR LABORATORY	NY	R13AI078720	2008 CSHL GENE EXPRESSION AND SIGNALING IN THE IMMUNE SYSTEM CONFERENCE	\$10,000
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074420	MECHANISMS OF HIGHLY EFFICIENT HIV TRANSFER AT VIROLOGICAL SYNAPSES	\$410,187
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$440,411

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2010	ROCKEFELLER UNIVERSITY	NY	R01AI068058	CONTROL OF T CELL SIGNALING BY METHYLTRANSFERASE EZH2	\$410,329
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$359,279
2010	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$67,687
2010	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$310,057
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI031788	NEW OPPORTUNISTIC INFECTIONS IN AIDS MICROSPORIDIOSIS	\$394,737
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI051966	ANTIRETROVIRAL THERAPY FOR HIV-INFECTED PATIENTS	\$183,986
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$153,702
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI069532	NEW YORK UNIVERSITY HIV/AIDS CLINICAL TRIAL UNIT	\$1,625,568
2010	TRUDEAU INSTITUTE	NY	R01AI067967	MEMORY T CELL SUBSETS AND PULMONARY IMMUNITY	\$443,223
2010	UNIVERSITY OF ROCHESTER	NY	R01AI051542	IMMUNODOMANCE IN CD RESPONSES	\$381,150
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059663	MONOCLONAL ANTIBODIES TO INHIBIT ASPERGILLUS GERMINATION	\$391,357
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$422,500
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI059742	REGULATION OF CHEMOKINE RECEPTOR EXPRESSION IN SEPSIS	\$272,298
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI068989	THE MEVALONATE PATHWAY IN STREPTOCOCCUS	\$557,281
2010	UNIVERSITY OF ROCHESTER	NY	R01AI067613	REGULATORY OXYGENASES IN VASCULOPATHIC RICKETTSIOSES	\$329,336
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI067359	CHARACTERIZATION OF ASPERGILLUS FUMIGATUS SPECIFIC CD4 T CELL RESPONSES.	\$430,492
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$10,511,238
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064678	REGULATION OF RECALL RESPONSES DURING EHRLICHIOSIS	\$335,513
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$308,187
2010	CORNELL UNIVERSITY	NY	R01AI022449	Antigen Binding, Crosslinking and Transmembrane Signaling	\$387,753
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI041945	PHENOTYPIC AND GENETIC DETERMINANTS OF SHIV PATHOGENESIS	\$609,311
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007623	PHYSICIAN SCIENTIST RESEARCH TRAINING IN PATHOGENESIS OF VIRAL DISEASES	\$131,516
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$210,654

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2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$1,648,639
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073899	THE REGULATORY CONTROL MECHANISMS OF CROSS-PRESENTATION BY TOLL-LIKE RECEPTORS	\$419,513
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI072487	TYPE IV SECRETION SYSTEMS IN LEGIONELLA PNEUMOPHILA	\$362,740
2010	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$742,313
2010	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079729	RESISTANCE SUPPRESSION FOR INFLUENZA VIRUS WITH COMBINATION CHEMOTHERAPY	\$571,330
2010	UNIVERSITY OF ROCHESTER	NY	R01AI073785	PATHOGENIC MECHANISMS OF NON-01/NON-0139 V. CHOLERAЕ	\$381,150
2010	ROCKEFELLER UNIVERSITY	NY	R01AI011822	PROPERTIES OF STREPTOCOCCAL M PROTEIN	\$418,275
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI073178	VPR AS A MEDIATOR PROTEASOMAL DEGRADATION	\$343,073
2010	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI072856	RAPID TEST FOR LEPTOSPIROSIS	\$962,551
2010	COLUMBIA UNIVERSITY	NY	R25AI080566	SUMMER IMMUNOLOGY RESEARCH PROGRAM FOR HIGH SCHOOL SCIENCE TEACHERS	\$121,412
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$418,275
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080755	MECHANISM AND REGULATION OF V(D)J REPAIR	\$327,878
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI081094	METABOLOMICS APPROACHES TO TB DRUG DEVELOPMENT	\$250,965
2010	COLD SPRING HARBOR LABORATORY	NY	R13AI091053	CSHL 2010 CONFERENCE ON MOLECULAR GENETICS AND BACTERIA & PHAGES	\$18,500
2010	ROCKEFELLER UNIVERSITY	NY	R21AI079629	DEVELOPMENT OF A GENETICALLY TRACTABLE NEMATODE MODEL OF ALPHAVIRUS INFECTION	\$209,138
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI083962	DEVELOPMENT OF A PRIMATE MODEL FOR GENITAL PAPILLOMAVIRUS INFECTION	\$231,123
2010	UNIVERSITY OF ROCHESTER	NY	R03AI088390	ENGINEERING OF B CELL TARGETED ANTIGENS AND PATHOGENS	\$76,666
2010	WELT BIO-MOLECULAR PHARMACEUTICAL LLC	NY	R43AI081332	TARGETING THE B-CELL RECPTOR COMPLEX AND DOWNSTREAM KINASES	\$127,330
2010	BREONICS INC	NY	R43AI081372	POTENTIAL TO IMMUNOCLOAK RENAL ALLOGRAFTS	\$200,000
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI085584	EXPLOITING FATTY ACID METABOLISM TO CURE MALARIA	\$398,475
2010	SIGA TECHNOLOGIES, INC	NY	R44AI075747	ST-246 TREATMENT OF SMALLPOX VACCINE-RELATED ADVERSE EVENTS	\$999,979
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI088770	SUPPLEMENT TO: A Novel approach to RSV vaccination	\$698,083

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2010	UNIVERSITY OF ROCHESTER	NY	R21AI085543	REAL-TIME DETECTION AND IDENTIFICATION OF SINGLE VIRUSES	\$226,304
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI087973	ROLE AND PERTURBATION OF TH17 CELLS DURING HIV INFECTION	\$211,250
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI090354	NEW FUSION INHIBITORS FOR CHILDHOOD RESPIRATORY VIRUSES, DESIGNED TO AVOID RESIST	\$220,250
2010	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI090516	ANTIGEN PROCESSING AND PRESENTATION OF RECOMBINANT LISTERIA PROTEINS	\$197,500
2010	UNIVERSITY OF ROCHESTER	NY	P01AI078907	B Cells in Health and Disease	\$2,198,492
2010	DETECT BIOSCIENCES LLC	NY	R41AI091049	Development of a Peptidomic Rapid Point-of-Care TB Diagnostic	\$262,427
2010	NEW YORK ACADEMY OF SCIENCES	NY	R13AI088836	PROBIOTICS: BENCH TO MARKET	\$3,000
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K23AI083880	Novel Risk Factors For Vancomycin Resistant Enterococci In Persons With Cancer	\$130,437
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI091175	Stem Cell-Based Therapies for Mitigation of Acute Radiation Syndromes	\$2,152,282
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI079178	Vascular Quiescence and Stabilization in Immunity	\$437,604
2010	UNIVERSITY OF ROCHESTER	NY	R21AI090259	CD28 TRIGGERING	\$191,354
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI060507	INTERACTION OF AIDS-ASSOCIATED MICROBES WITH RADIATION	\$415,000
2010	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$367,723
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$415,800
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI069991	ASSESSMENT OF VACCINE/MICROBICIDE COMBINATION EFFICACY IN THE MACAQUE MODEL	\$507,283
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI030165	POST-TRANSCRIPTIONAL REGULATION OF INFLAMMATORY MEDIATORS	\$407,901
2010	CORNELL UNIVERSITY	NY	R01AI052151	REGULATORY NETWORKS CONTRIBUTING TO L. MONOCYTOGENES TRANSMISSION AND VIRULENCE	\$336,597
2010	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$310,860
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI058211	IFN-IS AT THE INTERFACE OF INNATE AND ADAPATIVE IMMUNITY	\$144,869
2010	COLUMBIA UNIVERSITY	NY	U01AI069470	COLUMBIA COLLABORATIVE HIV/AIDS CLINICAL TRIALS UNIT	\$2,398,203
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$469,260
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI062931	CBL MEDIATED UBIQUITINATION IN AUTOIMMUNITY	\$379,569

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2010	UNIVERSITY OF ROCHESTER	NY	U01AI069511	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,598,401
2010	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Womens Interagency HIV Study (WIHS) V	\$2,987,346
2010	TRUDEAU INSTITUTE	NY	R01AI067723	THE ROLE OF IL-12P40 IN THE RESPONSE OF PULMONARY DENDRITIC CELLS TO TUBERCULOSIS	\$443,223
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068776	SIRNA-MEDIATED SILENCING OF VIRAL INFECTION & VIRAL SUPPRESSORS OF RNA SILENCING	\$352,691
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI063932	CONTRIBUTION OF TNF-ALPHA TO MUCUS CELL PRODUCTION IN ASTHMA	\$124,065
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$377,561
2010	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$576,809
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$437,709
2010	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$422,500
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R37AI033443	REGULATION OF NF-KB AND 1KB PROTEINS	\$377,918
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$282,130
2010	UNIVERSITY OF ROCHESTER	NY	R01AI048237	LFA-1 MEDIATED COSTIMULATION	\$367,781
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI073736	POXVIRUS INTERFACE WITH SKIN IMMUNE SYSTEM, DEVELOPMENT OF ANTI-POXVIRUS DRUGS	\$134,298
2010	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$137,449
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$217,987
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072238	IMMUNITY INDUCED BY MODIFIED ADENOVIRUS FIBER	\$407,901
2010	CORNELL UNIVERSITY	NY	T32AI007618	TRAINING IN MOLECULAR VIROLOGY AND PATHOGENESIS	\$161,021
2010	CORNELL UNIVERSITY	NY	R21AI085332	CONTRIBUTION OF CAMPYLOBACTER JEJUNI NUCLEASE IN ANIMAL MODELS OF ACUTE INFECTION	\$224,525
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI083963	FUNCTIONAL ANALYSIS OF THE FRANCISELLA CAPBCA GENE LOCUS	\$194,288
2010	UNIVERSITY OF ROCHESTER	NY	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$378,675
2010	UNIVERSITY OF ROCHESTER	NY	R01AI077674	B-CELL TOLERANCE MECHANISMS IN HUMAN SLE	\$381,150
2010	SUNY, BINGHAMTON	NY	R01AI075257	ROLE OF BDLA IN BIOFILM DISPERSION AND VIRULENCE PROPERTIES OF P. AERUGINOSA	\$301,695

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2010	CORNELL UNIVERSITY	NY	R21AI083526	ROLE OF INTRAEPITHELIAL T CELLS IN TOXOPLASMA GONDII-INDUCED INFLAMMATORY ILEITIS	\$190,575
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$469,260
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$131,900
2010	SUNY, BUFFALO	NY	R01AI081528	EFFECT OF ZINC IN ATTACHING AND EFFACING E. COLI INFECTION	\$516,255
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	K99AI087368	DYNAMIC OF RETROVIRUSES ASSEMBLY AND BUDDING	\$92,700
2010	UNIVERSITY OF ROCHESTER	NY	R01AI087135	Statistical Methods for ODE Models in AIDS Research	\$342,348
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI089349	Transmission of HIV-Associated XDR TB in Rural South Africa	\$813,935
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI090196	MOLECULAR CHARACTERIZATION OF NOVEL ASTROVIRUSES	\$255,875
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI085306	1918 INFLUENZA VIRUS-NEUTRALIZING ANTIBODIES FROM INDIVIDUALS BORN 1960-1990	\$211,875
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI088792	LOCALIZATION AND ASSEMBLY OF THE M. TUBERCULOSIS ESX-1 SECRETORY APPARATUS	\$186,316
2010	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI085349	INVESTIGATION OF MYCOBACTERIAL GMC OXIDOREDUCTASE RV3409C	\$231,567
2010	MONTEFIORE MEDICAL CENTER	NY	K23AI083088	Integrated, Home-based Treatment for MDR TB and HIV in Rural South Africa	\$132,952
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084156	P.falciparum var gene diversity and malaria control	\$422,500
2010	ROCHESTER GENERAL HOSPITAL	NY	K22AI089975	ANALYSIS OF PRO-INFLAMMATORY MEMORY CD4 T-CELL SUBSETS TO INFLUENZA INFECTION	\$162,000
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI080716	Dendritic Cells in Allergy and Immunotherapy	\$129,465
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$410,850
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R00AI085034	NATURAL KILLER CELL RESPONSES AGAINST VIRAL INFECTION	\$249,000
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI061679	ROLE OF CALCIUM SIGNALING IN HSV-2 INVASION	\$408,400
2010	New York Blood Center, Inc.	NY	R01AI068002	SARS-COV S PROTEIN RECEPTOR-BINDING DOMAIN-BASED VACCINES	\$358,864
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI076635	GENETIC DIVERSITY IN VIRULENCE GENES OF PLASMODIUM FALCIPARUM	\$130,950
2010	TRUDEAU INSTITUTE	NY	R01AI076499	REGULATION OF MEMORY CD8+ T CELL RECRUITMENT TO THE LUNG	\$465,300
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI075141	AN ALTERNATE PATHWAY TO AUTOIMMUNITY	\$369,765

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2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064654	ROLE OF ANTHRAX TOXIN RECEPTORS IN ANGIOGENESIS AND ENDOTHELIUM	\$398,475
2010	TRUDEAU INSTITUTE	NY	R01AI069121	T CELL MEMORY TO TB IN THE LUNG	\$465,300
2010	CORNELL UNIVERSITY	NY	R01AI050617	SIGNAL TRANSDUCTION DURING TOXOPLASMA INFECTION	\$375,292
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050754	RHINOVIRUS PATHOGENESIS AND HOST RANGE	\$406,827
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$486,106
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI053417	CYCLOPROPANE SYNTHETASES AND M.TUBERCULOSIS PATHOGENESIS	\$470,003
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI064831	MALARIA: IMMUNITY AND DIVERSITY IN LOW TRANSMISSION	\$485,938
2010	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$3,640,661
2010	CUNY, QUEENS COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI069209	MYCOBACTERIAL PDIM/PGL: SYNTHESIS PATHWAY AND INHIBITION	\$333,124
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI028900	ISGF3 TRANSCRIPTION FACTOR FAMILY IN CYTOKINE SIGNALING	\$615,217
2010	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$363,066
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$773,412
2010	TRUDEAU INSTITUTE	NY	R01AI053825	DENDRITIC CELL FUNCTION IN SCHISTOSOMIASIS	\$465,300
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045459	VARIABLE GENE USE AND PNEUMOCOCCAL IMMUNITY IN AIDS	\$391,357
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI059739	IMMUNOBIOLOGY OF NKT CELL DEVELOPMENT AND FUNCTION	\$436,150
2010	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$289,151
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$422,500
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$547,231
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$395,398
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$410,850
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$392,184
2010	CORNELL UNIVERSITY	NY	R01AI048678	ENDOCYTOSIS OF INFLUENZA VIRUSES	\$367,130
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$916,876
2010	UNIVERSITY OF ROCHESTER	NY	T32AI007362	TRAINING IN MICROBIAL PATHOGENESIS	\$282,589
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$1,024,843
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$340,426

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2010	POPULATION COUNCIL, INC	NY	U19AI065412	ZCM: A NOVEL BROAD-SPECTRUM MICROBICIDE FOR STIS	\$746,027
2010	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI030653	GENE EXPRESSION IN MYELOMA CELLS	\$41,952
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068038	SIDEROPHORE BIOSYNTHESIS INHIBITORS AS NEW ANTIBIOTICS FOR BIODEFENSE	\$350,072
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$394,515
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI070411	VIRAL ARRAYS FOR BIODEFENSE	\$842,671
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI076927	STRUCTURAL AND FUNCTIONAL STUDIES OF THE CASPASE ACTIVATING COMPLEX PIDDOSOME	\$376,448
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI076408	MECHANISMS INVOLVED IN, AND DEVELOPMENT OF, FCR-ENHANCED MUCOSAL VACCINATION	\$388,575
2010	CORNELL UNIVERSITY	NY	R01AI073368	EVOLUTIONARY GENOMICS AND POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$514,387
2010	SUNY, BUFFALO	NY	R01AI077520	CIS- AND TRANS-ACTING FACTORS IN MITOCHONDRIAL RNA DECAY	\$384,219
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$1,615,720
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$1,444,945
2010	PROGENICS PHARMACEUTICALS, INC	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,781,188
2010	BIOSCIENCE DEVELOPMENT, INC	NY	R44AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$1,015,396
2010	UNIVERSITY OF ROCHESTER	NY	R01AI080770	PHOTONIC STRUCTURES FOR DIRECT ULTRASENSITIVE VIRUS DETECTION	\$341,365
2010	ROCKEFELLER UNIVERSITY	NY	R21AI082329	A NOVEL METHOD TO IDENTIFY INTERACTING PARTNERS OF INSOLUBLE PROTEINS	\$209,138
2010	UNIVERSITY OF ROCHESTER	NY	R01AI072689	FUNCTION OF NALT IN NASAL IMMUNIZATION TO HETEROTYPIC STRAINS OF INFLUENZA	\$336,518
2010	ROCKEFELLER UNIVERSITY	NY	P01AI081677	NOVEL APPROACHES FOR VACCINE DESIGN	\$1,791,237
2010	SUNY, BUFFALO	NY	R21AI074791	GONOCOCCAL INFLAMMATORY IMMUNE RESPONSES	\$196,144
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI082536	RISK FACTORS FOR SPREAD OF STAPHYLOCOCCUS AUREUS IN PRISONS.	\$747,953
2010	BETH ISRAEL MEDICAL CENTER	NY	R01AI083035	MULTIPLE HIV PREVENTION PACKAGES FOR IDUS IN ESTONIA	\$832,050

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2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI085958	EVALUATING SELF-PROTECTION OF TH17 CELLS AGAINST HIV-1 BY CCR5 LIGANDS SYNTHESIS	\$44,014
2010	UNIVERSITY OF ROCHESTER	NY	R01AI075033	CHEMICAL GENETIC HTS ASSAY FOR INHIBITORS OF FUNGAL CELL WALL INTEGRITY	\$343,035
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080619	CD4 T CELL RESPONSES TO M. TUBERCULOSIS INFECTION	\$470,003
2010	ROCKEFELLER UNIVERSITY	NY	R01AI088364	Inborn errors of immunity in children with herpes simplex encephalitis	\$422,500
2010	CORNELL UNIVERSITY	NY	R21AI076958	PRIMING AND FUSION ACTIVATION OF THE SARS CORONAVIRUS SPIKE GLYCOPROTEIN	\$190,575
2010	UNIVERSITY OF ROCHESTER	NY	R21AI081070	NEUTROPHIL EXPRESSED CO-INHIBITORY MOLECULES PARTICIPATE IN POST-INJURY INFECTION	\$191,459
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI087625	Toxoplasma Epigenomics and Gene Expression	\$598,164
2010	ALBANY COLLEGE OF PHARMACY	NY	R21AI075250	SYNERGISTIC EXTRA AND INTRACELLULAR RECOGNITION OF F. TULARENSIS	\$156,943
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F31AI089030	Modulating anti-HIV immunity by plasmacytoid dendritic cells	\$41,380
2010	UNIVERSITY OF ROCHESTER	NY	T32AI083206	Training in Biostatistics for HIV/AIDS	\$198,437
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R33AI080536	RADIATION COMBINED INJURY: MECHANISMS AND THERAPEUTIC APPROACHES	\$415,000
2010	THERMAL GRADIENT INC	NY	R44AI089389	A Rapid Portable HIV Detection and Monitoring System for Low Resource Settings	\$1,000,001
2010	ROCKEFELLER UNIVERSITY	NY	R01AI090055	Simianizing hepatitis C: Defining the species-tropism of a hepatotropic virus	\$465,660
2010	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	U19AI090970	Interplay of B cells and HIV Leading to Broad Neutralizing Antibody Responses	\$1,560,717
2010	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI090802	Optimization of Neoglycoside Antibiotics for Nosocomial Pathogens and Select Agen	\$874,998
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI081741	INVESTIGATING THE ROLE OF MICRORNA REGULATION IN DENDRITIC CELL FUNCTION	\$423,750
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084041	Mycobacterium tuberculosis evasion of CD4+ T cells in vivo	\$413,507
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$335,610
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI073190	MONITORING RESPONSE TO ARV THERAPY AND DEVELOPMENT OF HIV-1 DRUG RESISTANCE	\$130,410
2010	COLD SPRING HARBOR LABORATORY	NY	R01AI046724	THE REPLICATION INITIATOR PROTEIN E1 AND ITS INTERACTION WITH DNA	\$307,561
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052459	REGULATION AND FUNCTION OF MYOTYBULARINS	\$370,388

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2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$461,893
2010	COLD SPRING HARBOR LABORATORY	NY	R01AI072345	BIOCHEMICAL ANALYSIS OF PAPILLOMAVIRUS REPLICATION	\$430,650
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI030138	MOLECULAR GENETICS OF EXOTOXIN REGULATION IN S AUREUS	\$431,715
2010	SUNY, STONY BROOK	NY	R01AI041636	ADENOVIRUS AS A VECTOR FOR GENE THERAPY	\$372,644
2010	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI041599	ANTIVIRAL AGENTS DIRECTED TO NOVEL TARGETS IN THE ADENOVIRUS PROTEINASE	\$786,554
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI052774	LATE EVENTS IN RETROVIRUS ASSEMBLY	\$335,662
2010	ROCKEFELLER UNIVERSITY	NY	R01AI021729	MOLECULAR GENETICS OF TRYPANOSOME ANTIGENIC VARIATION	\$554,862
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052473	Natural History of Urban Leptospirosis	\$323,000
2010	UNIVERSITY OF ROCHESTER	NY	R37AI033713	REGULATION OF PSEUDOMONAS AERUGINOSA PROTEASES	\$367,781
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$375,081
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI048371	HIV VACCINES THAT ELICIT IMMUNE RESPONSES TO VIRUS ENV	\$318,742
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$437,916
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$339,000
2010	SUNY, BUFFALO	NY	R01AI060260	Protein Arginine Methylation in Trypanosomes	\$389,167
2010	COLUMBIA UNIVERSITY	NY	U01AI069466	CENTERS FOR INNOVATIVE RESEARCH TO CONTROL AIDS	\$29,226
2010	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$265,265
2010	ROCKEFELLER UNIVERSITY	NY	K08AI075031	THE PATHOGENESIS OF AUTOIMMUNITY IN HEPATITIS C VIRUS INFECTION	\$140,400
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$472,478
2010	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$448,871
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$419,513
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080455	STRATEGIES TO ENHANCE LYMPHOID RECOVERY AFTER RADIATION-INDUCED INJURY	\$470,003
2010	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,270,865
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI049821	TRAINING IN THE EPIDEMIOLOGY OF INFECTIOUS DISEASE	\$323,292

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2010	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$142,356
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI072043	PATHOGENESIS & EPIDEMIOLOGY OF S EPIDERMIDIS VENTRICULAR ASSIST DEVICE INFECTIONS	\$124,308
2010	UNIVERSITY OF ROCHESTER	NY	R01AI063399	NAD AND CD38: MODULATORS OF INFLAMMATION AND IMMUNITY	\$336,518
2010	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$177,962
2010	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$934,218
2010	CORNELL UNIVERSITY	NY	R01AI066054	SYNAPTOTAGMIN FUNCTION IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$358,296
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$144,689
2010	APPLIED BIOMATHEMATICS, INC	NY	R44AI077146	OUTBREAK DETECTION:COMBINATORIAL TESTS FOR SMALL SAMPLES	\$374,947
2010	CORNELL UNIVERSITY	NY	R03AI081043	EOSINOPHILS SUSTAIN CHRONIC NEMATODE INFECTION	\$76,230
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI081725	PH HOMEOSTASIS IN MYCOBACTERIUM TUBERCULOSIS	\$544,340
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$418,275
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI079771	SMALL-MOLECULE INHIBITORS OF GP41-MEDIATED FUSION AS HIV-1 TOPICAL MICROBICIDES	\$229,891
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080624	MODULATION OF THE HOST RESPONSE TO INFLUENZA VIRUS INFECTION: THE IKKE KINASE	\$411,779
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI084903	Pig to human thymic xenotransplantation	\$508,923
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI081559	Defensins in STI-Mediated Enhanced HIV Infectivity	\$424,247
2010	ROCKEFELLER UNIVERSITY	NY	U01AI088685	Genetic predisposition to tuberculosis in Morocco	\$707,441
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI087564	CONSEQUENCES OF REPLICATIVE AGING IN CRYPTOCOCCUS NEOFORMANS	\$207,500
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI079389	EFFECT OF IRON AVAILABILITY ON STAPHYLOCOCCUS AUREUS EXOPROTEIN PRODUCTION.	\$108,000
2010	UNIVERSITY OF ROCHESTER	NY	R21AI081082	PROTEINS INVOLVED IN ORTHOPOXVIRUS INTRACELLULAR EGRESS	\$216,459
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI083041	REGULATED INTRAMEMBRANE PROTEOLYSIS IN MYCOBACTERIUM TUBERCULOSIS	\$50,474
2010	SUNY, BUFFALO	NY	R01AI085127	Identification of Specific Roles for Ets-1 in B Cell Tolerance	\$416,808
2010	NEW YORK MEDICAL COLLEGE	NY	R01AI088001	ANTIVIRAL POTENTIAL OF HELICASE INHIBITORS	\$127,822

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2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI089940	TRANSMISSION OF OSELTAMIVIR-RESISTANT INFLUENZA A H1N1 VIRUSES IN GUINEA PIGS	\$129,465
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090928	Mycobacterium tuberculosis antigen diversity	\$664,613
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI090013	Mechanisms of S. aureus transmission and persistence.	\$131,085
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI090110	Sensor Mechanisms of HSF Activation	\$422,500
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI090249	Targeting Viral Envelope Glycoproteins with Synthetic Antibodies	\$415,000
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI085622	NOVEL ADJUVANT DISCOVERY IN VACCINE THERAPY	\$862,545
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI084765	R5 SHIV/MACAQUE MODELS FOR THE EVALUATION OF T AND B CELL-BASED HIV-1 VACCINES	\$869,155
2010	CORNELL UNIVERSITY	NY	R21AI090553	THE RELATIONSHIP OF XMRV TO FUNCTIONAL STATUS AND CO-INFECTIONS IN CHRONIC FATIGU	\$269,496
2010	UNIVERSITY OF ROCHESTER	NY	K23AI077759	Post-Vacc. HPV Genotype Distr. Among HIV+ and HIV - Young Women in S. Africa	\$125,838
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U19AI089676	Center for the Study of Complex Malaria in India	\$893,378
2010	CUNY, RESEARCH FOUNDATION	NY	R56AI060014	CATALYSIS OF ISONIAZID ACTION BY M. TUBERCULOSIS CATALASE-PEROXIDASE	\$509,394
2010	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$336,518
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI007289	MOLECULAR AND STRUCTURAL BASIS FOR T CELL COSTIMULATION	\$760,388
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI046954	VIRULENCE FACTORS OF INFLUENZA VIRUS: THE NS1 PROTEIN	\$319,685
2010	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$375,462
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$188,230
2010	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$580,924
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI043578	GRAFT REJECTION AND DIRECT VERSUS INDIRECT RECOGNITION	\$417,236
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059636	INTERFERON REGULATION IN SYSTEMIC LUPUS	\$395,059
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069419	CORNELL CLINICAL TRIALS UNIT	\$1,371,244
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$418,275
2010	BRONX-LEBANON HOSPITAL CENTER	NY	U01AI069413	BRONX-LEBANON HOSPITAL CLINICAL TRIALS UNIT	\$712,621
2010	ROCKEFELLER UNIVERSITY	NY	P01AI051573	INNATE FUNCTIONS OF DENDRITIC CELLS IN AUTOREACTIVITY	\$1,868,726

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2010	UNIVERSITY OF ROCHESTER	NY	R24AI054953	HUMAN IMMUNOLOGY CENTER AT THE UNIVERSITY OF ROCHESTER	\$873,037
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$1,460,196
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$335,610
2010	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$148,037
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$41,951
2010	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI070860	TFE3 AND TFEB IN CD40L DEPENDENT MURINE AUTOIMMUNITY AND HUMAN LUPUS	\$340,888
2010	UNIVERSITY OF ROCHESTER	NY	R01AI070826	TARGET T CELL MODULATION BY CD4+CD25+ REGULATORY T CELLS	\$373,909
2010	UNIVERSITY OF ROCHESTER	NY	R01AI073772	ASSEMBLY OF THE MYCOBACTERIAL CELL WALL	\$379,599
2010	SUNY, STONY BROOK	NY	U01AI070383	CHEMOTHERAPEUTICS AGAINST MULTI-DRUG RESISTANT TUBERCULOSIS	\$767,263
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075193	MODULATING MMP-9 AND NEUTROPHIL RECRUITMENT: A THERAPEUTIC STRATEGY FOR TULAREMIA	\$380,259
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,229,232
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$290,163
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI079709	PHARMACOLOGIC APPROACHES TO COMBATING RESISTANCE TO ANTIMALARIAL COMBINATIONS	\$581,479
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$135,135
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	\$143,563
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI083769	THE FUNCTION OF THE NKT CELL DETERMINANT, PLZF, IN MUCOSAL LYMPHOCYTES.	\$188,100
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$126,874
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI083509	FAIM in Immunity and Autoimmunity	\$415,000
2010	UNIVERSITY OF ROCHESTER	NY	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$530,142
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI080176	THE ROLE OF UBIQUITINATION ON TBK1 FUNCTION	\$37,380
2010	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078251	NOVEL ANTIMICROBIALS TARGETING CELL DIVISION	\$379,116

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	K08AI085031	Rabies virus maintenance in bat populations	\$105,281
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI087472	Engineered Envelope Glycoprotein Trimers for HIV-1 Vaccine Immunogens	\$253,500
2010	UNIVERSITY OF ROCHESTER	NY	R37AI049660	A Model System for the Study of Human B-cell Tolerance	\$383,541
2010	SUNY, STONY BROOK	NY	R01AI080892	Regulation of TCR Signaling by Sts-1 and Sts-2	\$386,596
2010	UNIVERSITY OF ROCHESTER	NY	R21AI087149	USE OF DISCONTINUOUS PEPTIDE DISPLAY FOR GENERATION OF HIV ANTIGEN MIMICS	\$191,666
2010	ROCKEFELLER UNIVERSITY	NY	F32AI091207	CHARACTERIZATION AND CONSEQUENCES OF HCV INTERACTION WITH HOST LIPOPROTEINS	\$45,590
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI088256	T CELL TOLERANCE BY DEC-205-MEDIATED ISLET ANTIGEN DELIVERY TO DENDRITIC CELLS	\$282,200
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI083285	Proteomic and molecular analysis of early events in HSV assembly	\$331,695
2010	ST JOHNS UNIVERSITY	NY	R15AI085497	GENE SPECIFIC REGULATION OF NFKB BY NUCLEAR IKBA IN INFLAMMATION AND CANCER	\$245,250
2010	CUNY, RESEARCH FOUNDATION	NY	SC2AI094306	FACTORS THAT INFLUENCE SUSCEPTIBILITY TO ACUTE STREPTOCOCCAL PHARYNGITIS	\$114,000
2010	SUNY, STONY BROOK	NY	R13AI089027	XXIII INTERNATIONAL COMPLEMENT WORKSHOP	\$3,000
2010	UNIVERSITY OF ROCHESTER	NY	R33AI076085	INVESTIGATION OF APOBEC3G/VIF INTERACTIONS BY SAXS AND X-RAY CRYSTALLOGRAPHY	\$377,572
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI087644	Mechanistic Analysis of T Cell Polarity by Photoactivation of Single Cells	\$439,081
2010	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$152,566
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$807,540
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R56AI079186	ROLE OF PKA IN AUTOIMMUNE DIABETES THROUGH DENDRITIC CELLS (DC) AND REGULATORY T	\$402,083
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI088553	THYMIC SELECTION OF FOXP3+ REGULATORY T CELLS	\$422,500
2010	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$366,999
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$424,521
2010	SUNY, STONY BROOK	NY	R01AI075219	SYNTHETIC VIRAL GENOME DESIGN FOR RAPID VACCINE DEVELOPMENT	\$549,429
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$1,717,415
2010	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI065786	STABLE CARBOHYDRATE LIBRARIES IN INFECTIOUS DISEASE	\$380,772

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2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$539,137
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068820	MECHANISMS OF IMMUNOSUPPRESSIVE ACTIONS OF GLUCOCORTICOIDS	\$382,407
2010	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$310,860
2010	CORNELL UNIVERSITY	NY	R01AI028385	MECHANISMS OF PARVOVIRUS INFECTION AND HOST RANGE	\$372,088
2010	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$381,150
2010	TRUDEAU INSTITUTE	NY	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$465,300
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI047033	THE TRANSMISSION AND FITNESS OF DRUG RESISTANT HIV-1	\$623,809
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$112,027
2010	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$419,403
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$673,080
2010	TRUDEAU INSTITUTE	NY	R01AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$489,018
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059893	INTERFERON IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$400,787
2010	New York Blood Center, Inc.	NY	R01AI046221	RATIONAL DESIGN OF HIV FUSION INHIBITORS TARGETING GP41	\$366,601
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$2,043,371
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$270,106
2010	UNIVERSITY OF ROCHESTER	NY	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	\$111,208
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$489,067
2010	ROCKEFELLER UNIVERSITY	NY	R37AI040045	DENDRITIC CELLS AND THE PATHOGENESIS OF HIV-1 INFECTION	\$678,216
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050234	Role of pfert in chloroquine resistance in P. falciparum	\$375,916
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$415,000
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI071038	CONTRIBUTION OF TOLL-LIKE RECEPTOR SIGNALING IN ISLET TRANSPLANTATION	\$129,465
2010	COLUMBIA UNIVERSITY	NY	U19AI067773	Center for High-Throughput Minimally-Invasive Radiation Biodosimetry	\$3,284,036
2010	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068900	LYMPHOID TISSUE MICROVESSEL GROWTH	\$382,407

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2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$390,387
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069032	IMMUNIZATION AGAINST PSEUDOMONAS AERUGINOSA BY MODIFIED AD VECTORS	\$426,483
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI071326	MECHANISMS OF TRANSMIGRATION OF HIV INFECTED CELLS ACROSS THE BLOOD BRAIN BARRIER	\$46,380
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$4,000,000
2010	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$343,035
2010	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI068759	MAPPING AUTOIMMUNE PHENOTYPES IN MULTIPLEX FAMILIES	\$779,066
2010	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI074238	IN VIVO PHENOTYPIC EFFECTS OF NATURALLY OCCURRING SEQUENCE VARIATIONS IN WNV	\$18,597
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$381,193
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	\$137,160
2010	CORNELL UNIVERSITY	NY	F32AI081482	GENETICS OF MYCOBACTERIUM TUBERCULOSIS ADAPTATION TO THE MACROPHAGE PHAGOSOME	\$52,154
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI081524	KIF4 MOTOR PROTEIN, REGULATES TRAFFICKING AND STABILITY OF HIV-1 GAG	\$41,380
2010	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081615	REVEALING THE HIV-1 INTERACTOME	\$451,688
2010	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$466,821
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI072259	Regulation of Innate Immunity by Pyrin Proteins	\$351,945
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$163,201
2010	CUNY, RESEARCH FOUNDATION	NY	SC1AI084899	MODELING MEMBRANE BINDING AND PERMEABILIZATION BY ANTIMICROBIAL PEPTIDES	\$256,113
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI079260	STRUCTURAL AND FUNCTIONAL STUDIES OF THE IKAPPAB KINASE (IKK) COMPLEX	\$376,448
2010	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$469,260
2010	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$425,678
2010	CORNELL UNIVERSITY	NY	F32AI084436	SYNAPTOTAGMIN A AND C IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$52,154
2010	RHEONIX INC	NY	U01AI082448	POINT OF CARE CARD DEVICE FOR RAPID MOLECULAR DIAGNOSTICS	\$396,775

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2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI089882	Molecular elucidation of the CBM complex in NF-kappaB activation by antigen recep	\$380,250
2010	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$380,523
2010	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI085439	GENETIC APPROACHES TO THE STUDY OF PLASMACYTOID DENDRITIC CELL FUNCTION	\$196,694
2010	UNIVERSITY OF ROCHESTER	NY	R21AI090264	GENERATION AND CHARACTERIZATION OF HUMAN CYTOKINE-PRODUCING B CELL EFFECTORS	\$229,750
2010	POPULATION COUNCIL, INC	NY	R01AI084133	HIV-ENVELOPE-SPECIFIC DARPIN-BASED MICROBICIDE STRATEGIES	\$438,045
2010	UNIVERSITY OF ROCHESTER	NY	U19AI091036	Universiity of Rochester Center for Medical Countermeasures against Radiation	\$3,242,022
2010	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI075250	SYNERGISTIC EXTRA AND INTRACELLULAR RECOGNITION OF F. TULARENSIS	\$194,288
2010	ORTHOSYSTEMS INC	NY	R44AI075739	SIMPLE DNA/RNA PROBES FOR PROTEIN TARGETS	\$949,182
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI086197	THE ROLE OF PERIPHERAL MONOCYTES IN THE DEVELOPMENT OF IMMUNITY TO INFLUENZA	\$33,640
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI070880	Regulation of V(D)J recombination by Rag2 C terminus	\$325,100
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI085563	PROTEIN BIOMARKERS FOR INVASIVE ASPERGILLOSIS DIAGNOSTICS	\$212,984
2010	COLUMBIA UNIVERSITY	NY	R01AI088377	Spatial coordination of CD28 and TCR signaling	\$366,769
2010	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI083219	Immunochemotherapy in Visceral Leishmaniasis	\$487,832
2010	SUNY, STONY BROOK	NY	R03AI090309	STRUCTURE-FUNCTION RELATIONSHIP OF THE ADENOVIRUS ASSEMBLY AND DNA PACKAGING PROT	\$78,416
2010	CORNELL UNIVERSITY	NY	R01AI085286	Genetic and Evolutionary Basis of Fungal Drug Resistance	\$353,438
2010	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F32AI091426	ROLE OF THE VIROLOGICAL SYNAPSE IN PROMOTING HIV-1 INFECTION	\$52,481
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R33AI079763	NOVEL MUCOSAL MODELS PREDICTIVE OF MICROBICIDE SAFETY	\$498,000
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R34AI091436	SAFETY OF NON-MEDICATED INTRAVAGINAL RINGS FOR MICROBICIDE DELIVERY	\$124,500
2010	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$576,380
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI043524	BACTERIA, SIGNALING & LEUKOCYTE TRANSCRIPTION ACTIVATION	\$279,701
2010	OHIO STATE UNIVERSITY	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$371,250
2010	MIAMI UNIVERSITY	OH	R01AI070174	STUDY OF IRON ACQUISITION IN ACINETOBACTER BAUMANNII	\$275,818

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2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073553	INTERLEUKIN-9 IN EXPERIMENTAL INTESTINAL ANAPHYLAXIS	\$371,250
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI068824	ALLOREACTIVE T CELL IMMUNITY IN HUMAN TRANSPLANT CANDIDATES	\$108,000
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI062968	MECHANISTIC STUDIES AND INHIBITION STRATEGIES FOR ANTIBIOTIC RESISTANCE	\$262,585
2010	OHIO STATE UNIVERSITY	OH	T32AI065411	INTERDISCIPLINARY STUDY OF THE MICROBE-HOST INTERFACE	\$125,698
2010	Research Institute at Nationwide's Children's Hospital	OH	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	\$130,923
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI047885	COMPARISON OF HUMAN EHRlichiosis AGENT GENOMES	\$364,197
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI080313	MECHANISMS OF INCREASED SUSCEPTIBILITY TO TB IN HIV-INFECTED INDIVIDUALS	\$516,185
2010	UNIVERSITY OF CINCINNATI	OH	R01AI083313	Chemokine-Cytokine Nexus in Fungal Immunity	\$392,500
2010	OHIO STATE UNIVERSITY	OH	R56AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$595,147
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI067093	MOLECULAR MECHANISMS REGULATING HIV ENTRY AND EXIT FROM LATENCY	\$375,123
2010	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI052067	RESEARCH TRAINING IN PEDIATRIC INFECTIOUS DISEASES	\$101,868
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI045888	INNATE MECHANISMS REGULATING CD8+ T CELL IMMUNITY	\$291,395
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$401,330
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI067816	EXTRACELLULAR MATRIX SYNTHESIS AND TURNOVER IN ASTHMA	\$364,245
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088372	Allergenicity resulting from functional mimicry of the TLR complex	\$391,743
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074932	HOMEOSTATIC REGULATION OF T LYMPHOCYTES	\$388,575
2010	OHIO STATE UNIVERSITY	OH	R01AI083335	VIRULENCE FACTOR DISCOVERY IN THE SECRETED PROTEOME OF HISTOPLASMA CAPSULATUM	\$325,215
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI081083	NEURONAL REGULATION OF HSV LYTIC AND LATENT INFECTION	\$185,625
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087903	Folate Metabolism in Mycobacterium tuberculosis Revisited: A Potential Drug Target	\$392,500
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI047249	IMMUNE REGULATION OF CNS VIRAL RECRUDESCENCE	\$375,123
2010	OHIO STATE UNIVERSITY	OH	R01AI062520	Structure and function of HIV-1 integrase	\$381,250
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI065348	METABOLIC CONSEQUENCES OF THYMIDINE SPARING REGIMENS	\$171,460

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2010	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI007024	Training in Geographic Medicine and Infectious Diseases	\$267,240
2010	OHIO STATE UNIVERSITY	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$578,600
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI070078	METABOLIC COMPLICATIONS OF HIV AND RESPONSES TO PIOGLITAZONE	\$129,060
2010	OHIO STATE UNIVERSITY	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$364,197
2010	UNIVERSITY OF CINCINNATI	OH	R21AI083076	POTASSIUM CHANNEL TRAFFICKING IN GEOMETRICALLY PATTERNED IMMUNOLOGICAL SYNAPSES	\$193,050
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079251	ROLE OF ACIDIC ENVIRONMENT IN EOSINOPHILIC INFLAMMATION	\$222,750
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R37AI045898	Regulation of Gastrointestinal Eosinophils	\$341,813
2010	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI089686	Research to control and eliminate malaria in SE Asia and SW Pacific	\$962,158
2010	Research Institute at Nationwide's Children's Hospital	OH	R01AI077897	HEME, IRON AND OXIDATIVE STRESS: REGULATION OF IRON HOMEOSTASIS IN H. INFLUENZAE	\$356,400
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI090129	Regulation of TH2 memory/effector cells during allergic inflammation	\$380,833
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI085578	VIRAL PATHOGENESIS OF IDIOPATHIC BONE MARROW FAILURE AND IMMUNE CYTOPENIAS	\$388,575
2010	WRIGHT STATE UNIVERSITY	OH	R15AI090625	Isoform-specific Regulation of the Coxsackie and Adenovirus Receptor in Polarized Epithelia	\$437,167
2010	OHIO STATE UNIVERSITY	OH	R56AI087826	IL-1R3 AND BRAIN	\$381,250
2010	UNIVERSITY OF CINCINNATI	OH	R01AI064893	SHIGA TOXIN PRODUCTION AND ROLE IN PATHOGENESIS	\$367,643
2010	OHIO STATE UNIVERSITY	OH	R01AI066208	BILE, BIOFILMS AND SALMONELLA GALLBLADDER CARRIAGE	\$364,197
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	BEHAVIORAL AND VIROLOGIC IMPACT OF HPV IMMUNIZATION	\$516,831
2010	UNIVERSITY OF CINCINNATI	OH	U01AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,835,084
2010	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$552,261
2010	Research Institute at Nationwide's Children's Hospital	OH	R01AI068956	THE ROLE OF MKP-1 IN INNATE IMMUNE RESPONSES TO LPS	\$270,962
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$377,540
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI074743	FUNCTIONAL ANALYSIS OF NK CELLS AND THEIR POTENTIAL TO GENERATE CTL RESPONSES	\$371,250
2010	OHIO STATE UNIVERSITY	OH	F31AI089031	REGULATION OF CD23 CLEAVAGE	\$33,926
2010	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI089474	Immunology Training Program-Predoctoral	\$173,458

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2010	OHIO STATE UNIVERSITY	OH	R56AI090060	MESSENGER RNA CAPPING AND METHYLATION IN PNEUMOVIRUSES	\$373,473
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$349,718
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI049170	Impact of HIV-1 fitness on disease progression	\$556,640
2010	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$320,760
2010	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$347,490
2010	UNIVERSITY OF TOLEDO	OH	R01AI077720	Development of Aspartate Pathway Inhibitors as Novel Antibiotics	\$360,110
2010	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$338,311
2010	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI069501	CASE AIDS CLINICAL TRIALS UNIT	\$3,573,700
2010	UNIVERSITY OF CINCINNATI	OH	R13AI078718	10TH & 11TH INTERNATIONAL WORKSHOPS ON OPPORTUNISTIC PROTISTS (IWOP-10; IWOP-11)	\$20,000
2010	OHIO STATE UNIVERSITY	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$337,500
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI081291	STRUCTURAL STUDIES OF BACILLUS THURINGIENSIS CRY TOXINS	\$148,500
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI088559	ROLE FOR ACIDITY AND GPR65 IN FOOD ALLERGY	\$190,209
2010	CASE WESTERN RESERVE UNIVERSITY	OH	K22AI079388	DUFFY ANTIGEN PRESENTATION AND ITS CORRELATION TO PARASITE INVASION	\$162,000
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	K22AI083372	FRANCISELLA TULARENSIS INTRACELLULARLY-INDUCED OUTER MEMBRANE PROTEINS	\$157,720
2010	UNIVERSITY OF CINCINNATI	OH	R01AI089450	Receptor Mimics for Rapid Detection, Typing, and Susceptibility Testing of Influe	\$466,907
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI088116	EXPLAINING RACIAL DISPARITIES IN CHILD ASTHMA MORBIDITY	\$631,044
2010	OHIO STATE UNIVERSITY	OH	R01AI090644	A METHOD TO STOP HIV REPLICATION:INHIBITION OF HUMAN PURINE UTILIZING PROTEINS	\$455,428
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI081558	IMMUNE RESPONSE TO PNEUMOCOCCAL VACCINATION IN HIV INFECTED ADULTS	\$374,500
2010	NOVELMED THERAPEUTICS INC	OH	R43AI085697	NEUTRALIZING ANTIBODIES FOR COMPLEMENT INHIBITION	\$300,000
2010	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,706,718
2010	UNIVERSITY OF CINCINNATI	OH	R56AI087462	TRANSMISSION NETWORK TARGETING ADJUNCT TO EMERGENCY DEPARTMENT HIV SCREENING	\$782,648
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K02AI077341	HIV-1 INTEGRASE STRUCTURE AND FUNCTION AS A THERAPEUTIC TARGET	\$98,798

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF CINCINNATI	OH	R01AI070300	REGULATION OF CD8+ T CELL HOMEOSTATIS BY IL-4	\$386,100
2010	OHIO STATE UNIVERSITY	OH	R01AI064320	MIGRATION INHIBITORY FACTOR IN THE PROGRESSION OF EAE	\$352,457
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$382,388
2010	OHIO STATE UNIVERSITY	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRlichiosis	\$500,406
2010	OHIO STATE UNIVERSITY	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$371,250
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R13AI069676	AMERICAN SOCIETY FOR VIROLOGY JUNIOR SCIENTIST TRAVEL REQUEST	\$10,000
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$333,720
2010	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	\$404,110
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,043,888
2010	UNIVERSITY OF CINCINNATI	OH	R01AI072040	IGG ISOTYPE REGULATION OF ANTIBODY-MEDIATED DISORDERS	\$373,670
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI073963	HOST GENETIC CONTRIBUTION TO HCV OUTCOMES	\$525,145
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI083546	VITAMIN A ADJUVANT TO ENHANCE GUT IMMUNITY AND ROTAVIRUS VACCINES IN NEONATES	\$178,061
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI076199	THE UTILITY OF INTERFERON-GAMMA RELEASE ASSAYS IN TB-HIV CO-INFECTED CHILDREN	\$554,003
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI081036	DETECTING CARBAPENEM AND QUINOLONE RESISTANCE IN KLEBSIELLA PNEUMONIAE USING PCR/	\$62,370
2010	Research Institute at Nationwide's Children's Hospital	OH	R01AI076341	Mechanisms of Pneumococcal Adherence	\$320,760
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI080596	MOLECULAR MECHANISMS OF C.ALBICANS - LEUKOCYTE INTEGRIN INTERACTIONS	\$349,718
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	\$377,540
2010	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$127,035
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R00AI073856	REMODELING OF THE M. TUBERCULOSIS CELL WALL BY THE HOST MICROENVIRONMENT	\$303,113
2010	OHIO STATE UNIVERSITY	OH	R01AI081581	NOVEL ASSAY FOR HIV-1 INTEGRASE INHIBITORS	\$381,250
2010	OHIO STATE UNIVERSITY	OH	R01AI084898	Stress Effects on Virus Protein induced Inflammation and Sickness Behavior	\$700,040
2010	UNIVERSITY OF CINCINNATI	OH	R01AI076104	BIOFILM FORMATION BY PNEUMOCYSTIS	\$378,201

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2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069085	M. TUBERCULOSIS LIPOPROTEIN-TLR2 INTERACTIONS	\$382,388
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	CONTROL OF IMMUNE RESPONSES BY LIPOXINS DURING TUBERCULOSIS	\$345,906
2010	UNIVERSITY OF CINCINNATI	OH	R01AI072581	THE P62/ATYPICAL PKC SIGNALING COMPLEX IN TH2 DIFFERENTIATION AND ASTHMA	\$386,100
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$388,575
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI068493	MECHANISMS UNDERLYING DENDRITIC CELL-MEDIATED HIV TRANSMISSION	\$287,623
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI052458	ALTERED M. TUBERCULOSIS MANNOSYLATION AND THE MACROPHAGE	\$351,850
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI035726	CLASS II MHC TRANSPORT AND FUNCTION	\$364,245
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI058088	CD4 MEMORY T CELLS AND ALLOGRAFT REJECTION	\$291,395
2010	OHIO STATE UNIVERSITY	OH	U01AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$2,130,218
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075159	REGULATION OF TLR SIGNALING AND INNATE IMMUNITY BY RP105	\$364,197
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI068524	ROLE OF REGULATORY T CELLS IN HIV INFECTION	\$353,885
2010	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$243,216
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K08AI071111	CHEMOKINES AND THEIR RECEPTORS IN THE PATHOGENESIS OF TUBERCULOSIS	\$130,748
2010	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI076981	BASIC AND COMPARATIVE STUDIES OF CCR5 INHIBITION TO PREVENT HIV TRANSMISSION	\$1,579,784
2010	UNIVERSITY OF TOLEDO	OH	R01AI068133	IMPACT OF THE INTERFERON REGULATED PROTEINS XAF1 AND ZNF313 ON INNATE IMMUNITY	\$256,812
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI073452	DYSREGULATION OF INNATE IMMUNE RESPONSES BY BORRELIA BURGDORFERI:A ROLE FOR IL-10	\$367,043
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	P01AI087586	Antibody-Mediated Rejection of Renal Allografts	\$1,626,760
2010	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI090244	IMPROVEMENT IN PAIRED DONATION PROGRAM	\$367,050
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI081743	REGULATION OF B CELL FUNCTION BY MEMBRANE-CYTOSKELETAL REMODELING	\$349,718
2010	UNIVERSITY OF CINCINNATI	OH	R21AI081564	CLINICAL RELEVANCE OF GB VIRUS C & HEPATITIS C VIRUS IN HIV+ WOMEN	\$194,288
2010	OHIO STATE UNIVERSITY	OH	R03AI090231	VISUALIZATION OF CXCR3 ALLELIC USAGE IN VIVO	\$76,250
2010	WRIGHT STATE UNIVERSITY	OH	R15AI090613	Function and regulation of TRPM7 Mg2+-inhibited cation channels	\$362,500

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2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI087511	Molecular and cellular mechanisms of dendritic cell trans-infection in vitro and	\$314,000
2010	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAPI functions in monoallelic VSG expression in Trypanosoma brucei	\$301,116
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069195	RECURRENT TREATMENT: EFFECT ON RURAL AND URBAN S. MANSONI POPULATION STRUCTURE	\$352,542
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$388,575
2010	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$41,934
2010	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$673,574
2010	OHIO STATE UNIVERSITY	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$334,125
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$315,000
2010	UNIVERSITY OF CINCINNATI	OH	K23AI068453	HIV SCREENING IN THE EMERGENCY DEPARTMENT SETTING	\$134,684
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$375,527
2010	UNIVERSITY OF CINCINNATI	OH	R01AI073337	IMMUNOPATHOGENESIS IN HISTOPLASMOISIS	\$434,223
2010	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI036532	KIDNEY-RESTRICTED CTL AND ALLOGRAFT REJECTION	\$318,272
2010	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$117,138
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$354,727
2010	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$2,399,969
2010	Research Institute at Nationwide's Children's Hospital	OH	R01AI076398	THE AFFECT OF HORMONES AND OXYGEN-LIMITATION ON GONOCOCCAL PATHOPHYSIOLOGY	\$314,879
2010	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$664,472
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI089634	Novel vaccine against Norovirus	\$941,991
2010	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI090468	INDUCTION OF LOCAL HYPORESPONSIVENESS: A SOLUTION FOR CELL TRANSPLANTATION	\$235,500
2010	OHIO STATE UNIVERSITY	OH	R56AI052290	JUVENILE HORMONE RECEPTOR IN FLIES AND MOSQUITOES	\$228,750
2010	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI055649	NOROVIRUS AND THEIR RECEPTORS	\$397,183
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$341,746
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$712,620
2010	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI090685	Broad-spectrum Antifolates for Treatment of Drug Resistant Bacillus anthracis	\$875,000

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2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI090343	ROLE OF THE TRANSCRIPTION FACTOR ARID3A IN LUPUS	\$228,750
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R56AI083715	SEX DIFFERENCES AND ESTROGEN RECEPTORS REGULATE DENDRITIC CELLS IN INFLAMMATION	\$405,000
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$326,329
2010	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI081928	STRUCTURE-FUNCTION STUDIES ON IL-18, IL-18 BINDING PROTEINS AND RECEPTORS	\$329,617
2010	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI067858	CONTROL OF TYPE III SECRETION IN SHIGELLA BY LPAD	\$356,079
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI020069	EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	\$403,425
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$677,360
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI088546	REGULATION OF NKT CELL DEVELOPMENT AND FUNCTION BY C-MYB	\$244,500
2010	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI090149	A MECHANISM FOR SHIGELLA TYPE III SECRETION ACTIVATION	\$229,022
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI056129	NOTCH-INDUCED PROTEIN DEGRADATION IN LYMPHOPOIESIS	\$403,425
2010	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$366,928
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity - Kirschstein - NRSA	\$236,040
2010	UNIVERSITY OF TULSA	OK	K25AI064625	CYTOKINE SIGNALING NETWORK RESPONSE TO SMALLPOX VACCINE	\$113,132
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R37AI024717	Genetic Linkage in Lupus	\$454,852
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI082057	DISCOVERY AND TARGETING OF WEST NILE VIRUS EPITOPES	\$1,193,045
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	P01AI083194	GENOMICS OF LUPUS	\$1,816,155
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI087485	IDENTIFICATION OF HOST GENES IMPORTANT FOR GROWTH OF THE AIDS OPPORTUNISTIC PATHO	\$185,000
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R15AI072718	BACTERIOPHAGE CONTROL OF DNA REPAIR IN STREPTOCOCCUS PYOGENES	\$370,000
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$324,864
2010	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI085161	Chemically diverse antimicrobials from silent biosynthetic pathways	\$337,000
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI050933	HUMAN & MOUSE ANTIBODIES AGAINST INFLUENZA VIRUS	\$362,588

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2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$318,590
2010	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,991,269
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R21AI085310	SURFACE LIPOPROTEINS AND SERUM RESISTANCE IN BORRELIA BURGDORFERI	\$220,237
2010	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI090672	DISCOVERY AND TARGETING OF HIV-1 ASSOCIATED ANTIGENS	\$526,925
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067522	ROLE OF MACROPHAGE COSTIMULATORY MOLECULES IN POLYMICROBIAL SEPSIS	\$373,909
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$306,547
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI025920	FUNCTIONAL CHARACTERIZATION OF LEISHMANIA TRANSPORTERS	\$363,066
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI082529	REJUVENATION OF THE T-CELL COMPARTMENT IN AGING PRIMATES	\$663,398
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K22AI079008	HCMV GLYCOPROTEINS THAT MEDIATE CELL-TYPE SPECIFIC ENTRY	\$0
2010	UNIVERSITY OF OREGON	OR	F32AI091098	MECHANISTIC INVESTIGATIONS OF HELICOBACTER PYLORI CHEMOTAXIS	\$47,606
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI078965	MECHANISMS OF RECOGNITION BY MYCOBACTERIUM TUBERCULOSIS-REACTIVE THYMOCYTES	\$290,591
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$385,000
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$380,577
2010	VIROGENOMICS BIODEVELOPMENT INC	OR	R43AI082834	Development of a plant-grown subunit vaccine against respiratory syncytial virus	\$290,321
2010	OREGON STATE UNIVERSITY	OR	R21AI085540	ANTI-INFECTIVE NATURAL PRODUCTS FROM DEEP SEA VENT ORGANISMS	\$213,802
2010	OREGON STATE UNIVERSITY	OR	R21AI088570	PLEUROMUTILIN BIOSYNTHETIC STUDIES	\$219,300
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI060392	DEVELOPMENT OF RHCMV VECTORS FOR SIV INFECTION	\$500,000
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070934	B CELL SUBSETS AS ANTIGEN-PRESENTING CELLS IN PERIPHERAL SELF-TOLERANCE	\$373,909
2010	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$365,500
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI023682	GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA DONOVANI	\$381,150
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K22AI079399	MYCOBACTERIAL GENES MEDIATING RESISTANCE TO BACTERICIDAL UBIQUITIN PEPTIDES	\$108,000

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2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI088275	TYPE IV SECRETION DETERMINANTS IN EFFECTOR PROTEINS OF COXIELLA BURNETII	\$231,000
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI019018	IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	\$373,909
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$1,061,520
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI078903	INFLAMMATION AND T LYMPHOCYTE IMMUNOREGULATION	\$294,052
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI090490	Characterization of Vpu-mediated degradation of BST-2	\$410,000
2010	ARONORA LLC	OR	R43AI088937	THERAPEUTIC FACTOR XI BLOCKADE FOR SEPSIS	\$297,486
2010	PORTLAND STATE UNIVERSITY	OR	R56AI051629	PHOSLACTOMYCINS: BIOSYNTHESIS & ACTIVITY	\$421,403
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI065981	IRON AND PATHOGENESIS IN INFECTIONS BY VIBRIO VULNIFICUS	\$574,368
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI075192	PURINE SALVAGE PATHWAY OF CRYPTOSPORIDIUM PARVUM	\$377,760
2010	OREGON STATE UNIVERSITY	OR	R01AI016137	UNDERLYING MECHANISMS OF SCHISTOSOME/SNAIL COMPATIBILITY	\$356,187
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$103,004
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI043960	NOVEL MHC CLASS II CONSTRUCTS FOR TREATMENT OF EAE	\$363,066
2010	OREGON STATE UNIVERSITY	OR	R01AI063120	ANALYSES OF SODIUM BIOENERGETICS IN VIBRIO CHOLERAЕ	\$328,544
2010	DESIGNMEDIX INC	OR	R42AI072923	DESIGNED ANTIMALARIAL AGENTS OVERCOMING CHLOROQUINE-RESISTANCE	\$644,773
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	\$2,128,280
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$2,021,024
2010	OREGON STATE UNIVERSITY	OR	R01AI065604	REGULATING CATHELICIDIN EXPRESSION FOR DISEASE THERAPY	\$354,971
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070890	MODULATION OF INNATE IMMUNE RESPONSES BY CYTOMEGALOVIRUS	\$381,150
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$373,909
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI022933	GENETIC ANALYSIS OF SALMONELLA TYPHIMURIUM VIRULENCE	\$423,704
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$343,035
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI088442	DEVELOPMENT OF A FOUNDER-BASED CMV VACCINE TO INTERRUPT EBOLA VIRUS TRANSMISSION	\$241,520

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2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076351	CHARACTERIZATION OF THE PHAGOSOME DURING MYCOBACTERIUM TUBERCULOSIS INFECTION	\$130,275
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$373,909
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI079092	DEVELOPMENT OF ASSAY FOR HIGH THROUGHPUT SCREEN OF PARASITE GLUCOSE TRANSPORTER	\$228,690
2010	OREGON STATE UNIVERSITY	OR	R01AI073784	GENETIC AND CHEMICAL APPROACHES TO NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$354,971
2010	OREGON STATE UNIVERSITY	OR	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$285,179
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI071798	DEVELOPMENT OF A HIGH THROUGHPUT HIV ASSEMBLY SCREEN	\$373,909
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI074494	TRAINING PROGRAM IN VIROLOGY	\$231,159
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI050823	IMAGING AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$301,757
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI074379	NOVEL ANTIGEN DISPLAY SYSTEM TO PRESENT MULTIPLE ANTIGENS HIV VACCINES	\$354,150
2010	PORTLAND STATE UNIVERSITY	OR	R01AI079182	ANTITOXOPLASMOSIS DRUG DESIGN AND OPTIMIZATION	\$369,155
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U54AI081680	PACIFIC NORTHWEST REGIONAL CENTER OF EXCELLENCE (PNWRCE)	\$8,064,974
2010	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$439,738
2010	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI078582	DEVELOPMENT OF NOVEL SMALL MOLECULE FLAVIVIRUS INHIBITORS	\$301,727
2010	OREGON STATE UNIVERSITY	OR	R21AI088540	ANALYSIS OF CHLAMYDIAL RECOMBINATION IN VIVO	\$219,300
2010	PORTLAND STATE UNIVERSITY	OR	R56AI090848	PRE-CLINICAL SAFETY AND EFFICACY OF REVERSED CHLOROQUINES	\$624,455
2010	UNIVERSITY OF PENNSYLVANIA	PA	K02AI078766	HIV RESTRICTION IN CD4+ T CELLS: HOST AND VIRAL FACTORS	\$81,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$305,925
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI070807	REGULATION OF FOXP3 FUNCTION	\$366,424
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$382,568
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI057083	Small Molecule Inhibitors of HIV Nef Signaling	\$378,750
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI050732	CD4 T CELLS IN TUBERCULOSIS	\$490,643
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052861	MECHANISMS OF LYMPHOID LINEAGE COMMITMENT	\$380,707
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$432,242
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI065702	GLUCOCORTICOID/STRESS EFFECTS ON DENDRITIC CELL FUNCTION	\$340,656

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$306,390
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049344	COMPLEMENT REGULATORY PROTEINS AND AUTOIMMUNE DISEASE	\$382,407
2010	UNIVERSITY OF PENNSYLVANIA	PA	K23AI067567	REBUILDING IMMUNITY	\$133,029
2010	WISTAR INSTITUTE	PA	U01AI051986	HIV THERAPY & INTERRUPTION RCT IN RESOURCE POOR CLINIC	\$388,769
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	U01AI069467	PHILADELPHIA IMPAACT CLINICAL TRIALS UNIT	\$2,087,680
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI059114	INTEGRATION AND EXCISION BY SERINE INTERGRASES	\$414,373
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$371,317
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$684,325
2010	DREXEL UNIVERSITY	PA	R01AI064844	ROLE OF HEPATITIS B VIRUS X PROTEIN IN HBV REPLICATION.	\$311,479
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070099	TRAINING IN VACCINE & IMMUNE THERAPEUTICS	\$190,888
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI076256	ALTERNATIVE STRATEGIES FOR ADULT PNEUMOCOCCAL VACCINATION	\$224,978
2010	UNIVERSITY OF PENNSYLVANIA	PA	K01AI070001	RISK FACTORS AND PREDICTION OF LIVER DISEASE IN HIV/HCV	\$133,029
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074626	CHARACTERIZATION OF THE LA CROSSE VIRUS GLYCOPROTEIN FUSION PEPTIDE	\$345,515
2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI038965	NEGATIVE SELECTIVE OF AUTOREACTIVE ANTIBODIES	\$376,337
2010	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$398,723
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$369,445
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI070896	OPTIMIZING DOSING OF COLISTIN FOR INFECTIONS RESISTANT TO ALL OTHER ANTIBIOTICS	\$790,294
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI073955	Eosinophils and Allergic Airway Responses	\$359,135
2010	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$480,423
2010	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$373,626
2010	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R01AI075077	TRIPLE ACTION CHIMERA: ERADICATION OF NASAL S. AUREUS BY CELL WALL HYDROLASES	\$297,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	P01AI073489	IMMUNE CHEMISTRY AND THERAPEUTIC FEATURES OF FOXP3	\$1,400,493

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2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI080765	NEDD4-FAMILY UBIQUITINATION NETWORKS THAT REGULATE T CELL FUNCTION	\$407,138
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$359,667
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI079047	THE ROLE OF E47 IN UNCOMMITTED HEMATOPOIETIC PROGENITORS	\$332,113
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI083480	EPITHELIAL CELL REGULATION OF INTESTINAL IMMUNE HOMEOSTASIS	\$237,476
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI076695	THE PSA FIMBRIAE OF YERSINIA PESTIS, AN ADHESIN WITH PROTECTIVE IMMUNOGENIC PROPE	\$194,906
2010	UNIVERSITY OF PENNSYLVANIA	PA	K08AI089242	Elucidating the Chemistry and Biology of Nucleic Acid Cytidine Deaminases in HIV	\$131,976
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI087516	UNDERSTANDING HIV ESCAPE USING ATOMIC FORCE MICROSCOPY	\$259,665
2010	UNIVERSITY OF PENNSYLVANIA	PA	K24AI080942	MENTORING AND PATIENT-ORIENTED RESEARCH IN ANTIMICROBIAL RESISTANCE	\$182,169
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI090825	INNATE/ SIV DNA VACCINE INDUCED IMMUNITY IN THE PROTECTED MACAQUE MUCOSA	\$767,952
2010	UNIVERSITY OF PITTSBURGH	PA	R21AI093116	TARGETING C-KIT IN DENDRITIC CELLS TO CONTROL ALLERGIC IMMUNE RESPONSES	\$227,250
2010	APOGEE BIOTECHNOLOGY CORPORATION	PA	R41AI087167	LIPID METABOLISM AND KSHV-ASSOCIATED LYMPHOMA PATHOGENESIS	\$300,000
2010	DREXEL UNIVERSITY	PA	R56AI055590	STUDIES ON NIKD, A NIKKOMYCIN BIOSYNTHETIC ENZYME	\$306,510
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052789	KSHV-ORI-LYT-DEPENDENT DNA REPLICATION	\$389,813
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077370	MECHANISMS OF HIV RESISTANCE TO CCR5 INHIBITORS AND CONSEQUENCES FOR PATHOGENESIS	\$59,918
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070925	INVESTIGATION OF SV5 BUDDING MECHANISMS	\$316,851
2010	DREXEL UNIVERSITY	PA	R01AI068137	PLASMODIUM INVASION MACHINERY	\$625,228
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI071846	RATIONAL DESIGN OF NRTI FOR DRUG RESISTANT HIV-1	\$600,408
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$300,587
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$484,854
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	\$307,355
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,677,363
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$697,023

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2010	UNIVERSITY OF PITTSBURGH	PA	R01AI030612	Virus-cell interactions affecting HSV gene expression	\$412,558
2010	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$350,914
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032592	DEVELOPMENTAL B CELL TOLERANCE AND NEGATIVE SELECTION	\$361,725
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	INSULIN-LIKE SIGNALING IN PARASITIC NEMATODE DEVELOPMENT	\$371,317
2010	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$348,940
2010	DREXEL UNIVERSITY	PA	R01AI046719	IN VITRO STIMULATION OF HIV SPECIFIC CD8+ T CELLS	\$353,636
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$343,075
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007634	POSTDOCTORAL TRAINING GRANT IN INFECTIOUS DISEASES	\$89,601
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$531,516
2010	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$174,564
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$361,839
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$384,621
2010	UNIVERSITY OF PENNSYLVANIA	PA	K08AI070153	FUNCTION OF T CELL TOLL-LIKE RECEPTORS	\$137,619
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI073556	ROLE OF FSTL-1 IN ARTHRITIS	\$374,963
2010	UNIVERSITY OF PENNSYLVANIA	PA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$1,623,145
2010	DREXEL UNIVERSITY	PA	R01AI069147	VARIANT SURFACE ANTIGENS AND IMMUNITY TO MALARIA	\$440,462
2010	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	\$126,495
2010	CARNEGIE-MELLON UNIVERSITY	PA	R01AI076318	INFERRING IN VIVO CAPSID ASSEMBLY KINETICS FROM IN VITRO BY STOCHASTIC SIMULATION	\$289,237
2010	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI084224	PATHOGEN-SPECIFIC REGULATION OF PROTEIN ASSEMBLY	\$300,000
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI079396	MECHANISMS AND THERAPEUTIC USE OF CR3 SIGNALING IN MODULATING AUTOIMMUNITY	\$133,920
2010	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,275,050
2010	ECOHEALTH ALLIANCE INC	PA	K08AI067549	RISK FOR FUTURE OUTBREAKS OF HENIPAVIRUSES IN SOUTH ASIA	\$130,950
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078538	BACTERIAL AND HOST FACTORS IN PNEUMOCOCCAL COMPETITION	\$383,849

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2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI083481	LUNG AND BONE MARROW CROSSTALK DURING A RESPIRATORY INFECTION	\$192,240
2010	UNIVERSITY OF PITTSBURGH	PA	F32AI085633	INTERACTION BETWEEN THE EPITHELIUM AND MAST CELLS IN SEVERE ASTHMA	\$58,166
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI085570	Novel virulence and exoenzyme regulators	\$365,674
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI090959	Genetically-engineered Pig Organ Transplantation into Non-human Primates	\$1,598,359
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI085518	MECHANISM OF ARTEMISININ RESISTANCE IN SELECTED MALARIA PARASITE LINES	\$222,000
2010	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082639	Alternative Formulations of Tenofovir and UC781	\$2,386,283
2010	UNIVERSITY OF PITTSBURGH	PA	T32AI089443	Autoimmunity and Immunopathology Training Program	\$355,835
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI088172	DEFINING VIBRIO CHOLERAEE VIRULENCE CIRCUITRY USING BIOINFORMATICS AND GENETICS	\$253,013
2010	TEMPLE UNIVERSITY	PA	R56AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	\$411,250
2010	UNIVERSITY OF PITTSBURGH	PA	R56AI089768	TH17-MEDIATED IMMUNITY TO FUNGAL INFECTIONS	\$654,426
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$598,754
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI064553	MALARIA HATS IN TRANSCRIPTION REGULATION	\$466,856
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$389,813
2010	UNIVERSITY OF PENNSYLVANIA	PA	K24AI073957	NEIGHBORHOOD LEVEL DETERMINANTS OF PNEUMOCOCCAL DISEASE TRANSMISSION	\$184,893
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$374,963
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$423,683
2010	DREXEL UNIVERSITY	PA	R01AI035661	VACCINE INDUCED IMMUNE RESPONSES TO PLASMODIAL ANTIGENS	\$334,125
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$354,326
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI049335	DEVELOPMENT AND FUNCTION OF NATURAL AUTOREACTIVE B CELLS	\$431,888
2010	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$173,488
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$335,699
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI069289	AUTOIMMUNE ENCEPHALOMYELITIS AND BCL-2- INTERACTING MEDIATOR	\$371,317
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073939	TRANSITIONAL B CELL SELECTION DURING PERIPHERAL B LYMPHOPENIA AND RECONSTITUTION	\$382,407

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2010	CARNEGIE-MELLON UNIVERSITY	PA	R01AI066367	SOCIAL AND PSYCHOLOGICAL RISK FOR INFECTIOUS ILLNESS	\$560,228
2010	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$392,964
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4/Ralpha signaling pathways in human airways through 15 LO1	\$389,377
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076342	CAUSES AND CONSEQUENCES OF OSPC VARIATION IN BORRELIA BURGDORFERI TO LYME DISEASE	\$349,223
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$175,446
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$612,144
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI075194	STREPTOCOCCUS PNEUMONIAE GENETIC COMPETENCE AND PATHOGENESIS	\$407,138
2010	UNIVERSITY OF PENNSYLVANIA	PA	K08AI072044	GENETIC CONTROL OF IL-1 AND ITS ROLE IN INFLAMMATORY ARTHRITIS	\$130,150
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI078666	IDENTIFICATION OF CELLULAR FACTORS THAT IMPACT SINDBIS PATHOGENESIS USING RNAI	\$26,076
2010	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	\$1,848,744
2010	UNIVERSITY OF PITTSBURGH	PA	R21AI081557	A NOVEL APPROACH TO IDENTIFY HIV SUPPRESSION FACTOR FROM CD8 CELLS	\$187,481
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI080584	MULTIDRUG-RESISTANT ACINETOBACTER BAUMANNII	\$107,960
2010	MILTON S HERSHEY MEDICAL CENTER	PA	K22AI079271	STRUCTURAL STUDIES OF VIRUS AND RECEPTOR INTERACTION	\$103,040
2010	DREXEL UNIVERSITY	PA	R21AI091513	EPITOPE-FOCUSED HIV-1 ENVELOPE VACCINE FOR HIV-1/AIDS	\$250,008
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI090788	OPTIMIZING HIV ENV IMMUOGENS FOR T AND B CELL VACCINE RESPONSES	\$587,041
2010	UNIVERSITY OF PITTSBURGH	PA	R33AI079801	MICROBICIDE PROPERTIES OF RT INHIBITOR COMBINATIONS	\$469,818
2010	HEPATITIS B FOUNDATION	PA	R13AI089026	2010 MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES MEETING	\$18,000
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI090113	LINKING IKKBETA ACTIVATION TO ANTI-AUTOPHAGY IN VIRAL PROTEIN TAX-MEDIATED ONCOGE	\$378,838
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI068907	TRANSCRIPTIONAL CONTROL OF TH-POK, A KEY REGULATOR OF LINEAGE CONTROL	\$501,337
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$127,175

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2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$374,378
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI075846	CD8+ T CELL MEMORY AND MUCOSAL IMMUNITY TO TOXOPLASMA GONDII	\$52,154
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$304,212
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAE INFECTION	\$375,708
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073660	FUNCTION AND PHARMACOLOGY OF SCHISTOSOME MULTIDRUG RESISTANCE PROTEINS	\$344,166
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$384,970
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$600,111
2010	CARNEGIE-MELLON UNIVERSITY	PA	R01AI070272	GENETIC CONTROL OF ENTRY INTO MEIOSIS IN YEAST	\$361,655
2010	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$519,399
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI040880	HIV ENTRY AND ITS INHIBITION	\$391,080
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$383,828
2010	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$3,041,682
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI067780	TH2 EFFECTS ON EICOSANOID PATHWAYS: IMPLICATIONS FOR ALTERED INNATE RESPONSES IN	\$353,188
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$425,429
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072106	THERMODYNAMIC AND STRUCTURAL STUDIES ON THE FORMATION OF THE C3 CONVERTASE	\$403,129
2010	DREXEL UNIVERSITY	PA	R01AI073794	CANDIDA GLABRATA PDR1: MASTER REGULATOR OF AZOLE RESISTANCE	\$351,450
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068942	CHARACTERIZATION OF NADH TYPE II OXIDOREDUCTASE FROM MYCOBACTERIUM TUBERCULOSIS	\$381,444
2010	ALLEGHENY SINGER RESEARCH CORP	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$327,443
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI080424	NEGATIVE EFFECTS OF IRRADIATED HOSTS ON TRANSPLANTED HEMATOPOIETIC STEM CELLS	\$374,963
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI077533	REGULATION OF IMMUNITY AND INFLAMMATION BY TIPE2	\$389,813
2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$344,149
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI067313	INHIBITION OF THE INTERFERON RESPONSE BY WEST NILE VIRUS	\$381,314

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2010	UNIVERSITY OF PENNSYLVANIA	PA	K08AI073102	EFFECT OF TREG CELLS ON CD4+TH IMMUNE RESPONSES DURING ACUTE FIV INFECTION	\$126,630
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI078102	MOLECULAR MECHANISMS THAT CONTROL THE LOSS OF T PROGENITOR COMPETENCE IN AGING	\$155,925
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI083284	A novel virus-derived adjuvant	\$363,110
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081717	The Role of Glycolipids and CD1 in the Immunology of Leishmania Infection	\$311,850
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI077511	USE OF SUBSTANCE P ANTAGONISTS TO REGULATE THE SKIN IMMUNE FUNCTION	\$374,963
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085160	Signals Affecting Homestasis and Tolerance in Memory T Cells	\$389,011
2010	DREXEL UNIVERSITY	PA	R01AI084117	CHIMERIC VIRUCIDES BASED ON A NOVEL THEORY OF VIRAL METASTABILITY	\$341,248
2010	INSTITUTE FOR CANCER RESEARCH	PA	U19AI083008	IMMUNE MECHANISMS THAT CONTROL ECTROMELIA VIRUS INFECTION	\$2,014,562
2010	THERIMUNEX PHARMACEUTICALS, INC	PA	R43AI077248	A MODULATOR OF INNATE IMMUNITY FOR PREVENTING HOSPITAL-ACQUIRED INFECTIONS	\$292,061
2010	VENATORX PHARMACEUTICALS INC	PA	R01AI089512	DEVELOPMENT OF NEW BETA-LACTAMASE INHIBITORS FOR RESISTANT CATEGORY B FOOD/WATER-	\$792,656
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087990	FUNCTIONAL BIOLOGY OF INTESTINAL EPITHELIAL CELLS IN FOOD ALLERGY	\$229,156
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090284	INNATE IMMUNE DEFENSES AGAINST FILOVIRUSES.	\$199,896
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI080290	ORIGIN AND EVOLUTION OF HIV-1 DRUG RESISTANCE IN THE RT-SHIVMNE MACAQUE MODEL	\$778,104
2010	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$2,285,314
2010	SONITU PHARMACEUTICALS LLC	PA	R43AI084287	Broad Spectrum Antidotes against Superantigen Toxins	\$300,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085596	Pathogenesis and therapy of dense deposit disease in a mouse model	\$392,205
2010	DMX INC	PA	R43AI085783	NOVEL PROTEIN ADJUVANT FOR FLU VACCINES	\$300,000
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI083882	INDUCTION OF TH 17 IMMUNITY BY DIFFERENT CUTANEOUS DENDRITIC CELL POPULATIONS	\$162,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R56AI089925	B-LYMPHOCYTE REPERTOIRE REMODELING FOR TRANSPLANTATION TOLERANCE	\$400,000
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI067544	REGULATION OF T CELL ACTIVATION AND DIFFERENTIATION BY TIM-1	\$283,380
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$476,649

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2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI069192	THE BASIS FOR MHC CLASS II-RESTRICTED PROTEASOME-DEPENDENT EPITOPES	\$301,069
2010	UNIVERSITY OF PITTSBURGH	PA	K08AI072365	THE ROLE OF BBI36/38 IN LYME DISEASE PATHOGENESIS	\$119,529
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI065644	CYTOSKELETAL REMODELING DURING T CELL ACTIVATION	\$399,403
2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI052812	IMMUNE RECEPTORS ON CYTOTOXIC LYMPHOCYTES AND TARGET CELLS	\$393,154
2010	TEMPLE UNIVERSITY	PA	R01AI047325	Neuropeptides and Regulatory T Cells	\$375,000
2010	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$353,636
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI064494	PHAGE MIMICRY OF MYCOBACTERIAL SIGNALING	\$569,693
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$182,690
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$329,027
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$172,722
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,780,452
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI073940	NOVEL BACTERIAL PATHOGENS IN PELVIC INFLAMMATORY DISEASE	\$588,662
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$259,722
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI072083	INTERACTION OF MICROVESICLES AND BACTERIAL TOXINS WITH IMMUNE CELLS	\$355,138
2010	UNIVERSITY OF PENNSYLVANIA	PA	U01AI077913	OPTIMIZING THE FORMULATION OF A PROTEIN BASED SMALLPOX VACCINE	\$357,262
2010	WISTAR INSTITUTE	PA	R01AI073219	NK/DC CROSS-TALK AND ANTIVIRAL RESPONSE	\$792,714
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI085422	DEVELOPMENT OF SMALL MOLECULE INHIBITORS HUMAN ALTRENAIVE PATHWAY COMPLEMENT	\$251,512
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI055794	DENDRITIC CELL-BASED IMMUNOTHERAPY FOR HIV INFECTION	\$75,000
2010	TEMPLE UNIVERSITY	PA	R01AI080968	DISCOVERY OF NOVEL MACROLIDE ANTIBIOTICS	\$303,892
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	F32AI085837	DEFINING MECHANISMS FOR HOW NDFIP1 REGULATES T CELL-MEDIATED ALLERGIC RESPONSES	\$47,606
2010	UNIVERSITY OF PENNSYLVANIA	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$1,974,689
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI081314	CONTROL OF ALPHA-BETA/GAMMA-DELTA T LINEAGE COMMITMENT	\$431,888
2010	TEMPLE UNIVERSITY	PA	R01AI084065	CB2 RECEPTOR REGULATIN OF INFLAMMATORY RESPONSE IN EAE	\$371,250
2010	PENNSYLVANIA STATE UNIVERSITY	PA	U19AI089672	Southeast Asia Malaria Research Center	\$1,688,448

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2010	UNIVERSITY OF PITTSBURGH	PA	R21AI081084	ELUCIDATING MOLECULAR MECHANISMS OF YELLOW FEVER VIRUS VIRULENCE	\$201,775
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI087461	ONGOING REPLICATION MAY OCCUR ON HAART	\$236,170
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI085828	DISSECTING INNATE IMMUNITY TO HELMINTH PARASITES	\$47,606
2010	DREXEL UNIVERSITY	PA	R21AI087388	HIGH-THROUGHPUT COMPUTATIONAL DOCKING SCREEN FOR SMALL-MOLECULE INHIBITORS OF HIV	\$231,125
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI083383	EFFICACY OF THE ANTIVIRAL STATE VERSUS SINDBIS AND VENEZUELAN EQUINE ENCEPHALITIS	\$340,875
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090265	DEVELOPMENT OF A NOVEL ANTIBODY THERAPY FOR CLOSTRIDIUM DIFFICILE INFECTION	\$200,000
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$330,800
2010	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$371,250
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$389,813
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$1,202,589
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI048849	MHC CLASS I ANTIGEN PRESENTATION IN VIRAL INFECTIONS	\$423,683
2010	WISTAR INSTITUTE	PA	R01AI024541	RECEPTOR DIVERSITY IN RECOGNITION OF INFLUENZA HA	\$444,800
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050484	RNA DELIVERY FOR DENDRITIC CELL HIV ANTIGEN PRESENTATION	\$389,813
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$425,208
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042370	HELPER T CELL REGULATION IN MURINE LEISHMANIASIS	\$389,813
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$415,430
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI054624	Cell Death and Innate Immunity in Chlamydial Infection	\$340,875
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022193	HUMAN BLOOD MONOCYTE RECEPTOR EXPRESSION AND MODULATION	\$555,674
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$371,317
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$398,959
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$906,793
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$219,654
2010	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$382,333

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2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071302	ROLE OF DENDRITIC CELLS IN RESISTANCE TO TOXOPLASMA.	\$479,946
2010	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$564,130
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI067037	KSHV LATENCY CONTROL BY RTA	\$334,185
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI052281	RECEPTORS AND SIGNALS IN COXSACKIEVIRUS PATHOGENESIS	\$399,403
2010	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$337,466
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI073561	MOLECULAR PATHOGENESIS OF IMMUNE DYSFUNCTION IN WISKOTT-ALDRICH-SYNDROME	\$374,963
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$375,847
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080337	IMMUNOLOGY AND OUTCOMES AFTER HAART IN HIV/TB COINFECTION	\$676,454
2010	UNIVERSITY OF PITTSBURGH	PA	U24AI082673	NOVEL MODIFIERS OF TOLL-LIKE AND RIG-LIKE RECEPTOR SIGNALING	\$288,015
2010	VIRONIKA LLC	PA	R43AI079928	NOVEL INHIBITORS OF LATENT EPSTEIN BARR VIRUS INFECTION	\$76,143
2010	TEMPLE UNIVERSITY	PA	R01AI076423	REGULATION OF TYPE I IFNS IN TOLERANCE AND AUTOIMMUNITY	\$326,425
2010	UNIVERSITY OF PITTSBURGH	PA	F32AI077183	REACTIVATED TUBERCULOSIS IN SIV-INFECTED CYNOMOLGUS MACAQUES	\$52,154
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$2,535,320
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$389,813
2010	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$598,465
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI079002	Control of B cell Development by YY1	\$400,000
2010	TEMPLE UNIVERSITY	PA	R21AI078417	DENDRITIC CELL LIGATION OF COMPLEMENT RECEPTOR 3 IN TRANSPANATION TOLERANCE	\$192,888
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI090914	NON-CODING RNA REGULATION OF TNF ALPHA	\$251,063
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI079378	TRANSLATION REGULATION IN TRYPANOSOMA BRUCEI	\$160,640
2010	UNIVERSITY OF PITTSBURGH	PA	R21AI085513	ADENOVIRAL-BASED VACCINE PLATFORM TO OVERCOME NEUTRALIZING IMMUNITY	\$189,375
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI088376	HS1 FUNCTION IN DENDRITIC CELLS	\$209,375
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090234	REAL TIME IMAGING OF TOLERANCE INDUCTION BY MUCOSAL DCS	\$200,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R56AI090842	IMMUNE CORRELATES OF STEROID RESPONSIVENESS IN ITP	\$404,296

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2010	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$514,146
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071886	ENHANCING MUCOSAL CELLULAR IMM RESP BY CO-DELIVERY OF PLASMID IL-15 W/DNA VACCINE	\$306,813
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI051227	POLYOMAVIRUS INFECTION AFTER KIDNEY TRANSPLANTATION	\$317,109
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI037859	FUNCTION OF CD8 T CELLS IN TUBERCULOSIS	\$325,432
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI063496	IMMUNE REGULATION BY GADD45B AND GADD45G	\$298,624
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$407,138
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$389,813
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$475,466
2010	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$375,000
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI069494	UNIVERSITY OF PITTSBURGH CLINICAL TRIALS UNIT	\$2,844,341
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042334	REGULATION OF THE EARLY IMMUNE RESPONSE TO TOXOPLASMA GONDII	\$396,000
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI063360	IMMUNE RESPONSE TO POLYOMAVIRUS INFECTION	\$396,012
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$396,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071309	REGULATION OF EXHAUSTION AND ALTERED CD8 T CELL MEMORY DURING CHRONIC INFECTION	\$384,317
2010	UNIVERSITY OF PITTSBURGH	PA	P01AI064343	PERIPHERAL MECHANISMS OF IMMUNOLOGIC TOLERANCE	\$1,502,933
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI070499	INTEGRATED ANTIMICROBIAL DRUG DISCOVERY SCHEME FOR MULTIDRUG RESISTANT BACTERIA	\$548,309
2010	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$138,572
2010	TEMPLE UNIVERSITY	PA	R01AI076535	COMBINATION THERAPIES FOR CHRONIC HBV, LIVER DISEASE AND CANCER	\$350,559
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI060836	HERPES SIMPLEX VIRUS CAPSID ASSEMBLY AND DNA PACKAGING	\$315,089
2010	UNIVERSITY OF PITTSBURGH	PA	U19AI082623	RT INHIBITOR CSIC AND ENTRY INHIBITOR RETROCYCLIN RC101 AS MICROBICIDES	\$2,090,781
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$366,650
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI082701	GP340 AND SYNDECAN INHIBITION BASED MICROBICIDE FOR HIV	\$217,318

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2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076257	INITIATION OF IMMUNE RESPONSE IN CHRONIC LEISHMANIASIS	\$389,813
2010	DREXEL UNIVERSITY	PA	R21AI088424	MOLECULAR MECHANISM OF INNATE IMMUNITY CONTROL OF HBV REPLICATION	\$229,500
2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI079211	REPLICATION-DEFICIENT RABIES VECTORS AGAINST RABIES INFECTION	\$382,388
2010	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R03AI083149	DISCOVERY OF A URINE BIOMARKER OF HIV FOR NONINVASIVE, POINT-OF-CARE TESTING USE	\$77,041
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI091197	Alemtuzumab and Regulatory T Cells for Heart Transplant Tolerance in Monkeys	\$666,337
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081913	Interactions of Ebola virus glycoproteins with host cells	\$394,201
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI087533	Topology, Antigenicity, and Immunogenicity of the C-terminal Tail (CTT) of HIV-1	\$569,670
2010	UNIVERSITY OF PENNSYLVANIA	PA	U01AI082211	THERAPEUTICS THAT TARGET PROCESSIVITY COMPLEX PROTEINS OF POX AND OTHER VIRUSES	\$985,959
2010	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R21AI082680	PHOSPHOROTHIOATE OLIGONUCLEOTIDES AS MICROBICIDES AGAINST HIV TRANSMISSION	\$207,723
2010	DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	R21AI088480	AUTOIMMUNITY-ASSOCIATED GENES IN NEW RAT MODELS: VALIDATION OF HUMAN GWAS GENES	\$250,013
2010	THOMAS JEFFERSON UNIVERSITY	PA	K22AI081866	MAINTENANCE OF THE VIRUS-SPECIFIC T CELL EQUILLIBRIUM IN CHRONIC MCMV INFECTION	\$162,000
2010	IMMUNOTOPE INC	PA	R43AI091232	SYNTHETIC NANOPARTICLE BASED UNIVERSAL INFLUENZA VACCINE	\$299,513
2010	UNIVERSITY OF PITTSBURGH	PA	R56AI085110	TREGS:SCULPTING A BALANCE BETWEEN PROTECTION AND PATHOLOGY DURING VIRAL INFECTION	\$373,600
2010	THOMAS JEFFERSON UNIVERSITY	PA	R56AI060686	GENERATION OF NOVEL RECOMBINANT RABIES VIRUS VACCINES	\$312,821
2010	UNIVERSITY OF PITTSBURGH	PA	F32AI077372	COMPLEXES OF HIV-1 NEF WITH SRC-FAMILY KINASES AS THERAPEUTIC TARGETS	\$53,810
2010	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077268	MOLECULAR DISSECTION OF EARLY TOXOPLASMA GONDII BRADYZOITE DIFFERENTIATION	\$52,154
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI026782	LY-1 B CELLS: DEVELOPMENTAL ORIGINS AND V GENE BIASES	\$598,092
2010	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI071043	POSITIVE SELECTION-DEPENDENT SKIN-HOMING OF FETAL THYMIC GAMMA/DELTA T CELLS	\$308,107
2010	THOMAS JEFFERSON UNIVERSITY	PA	R01AI039501	ACCESSING THE MHC CLASS I PROCESSING PATHWAY	\$267,671
2010	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$219,692

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2010	UNIVERSITY OF PENNSYLVANIA	PA	U01AI069534	PENN PREVENTION CLINICAL TRIALS UNIT	\$608,207
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	\$329,166
2010	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$414,068
2010	TEMPLE UNIVERSITY	PA	R01AI052306	ROLE OF PGE2 IN CNS AND PERIPHERAL AUTOIMMUNE DISORDERS	\$343,801
2010	INSTITUTE FOR CANCER RESEARCH	PA	R01AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$423,683
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$383,679
2010	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,877,209
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$368,376
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$295,167
2010	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$1,888,163
2010	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$355,888
2010	UNIVERSITY OF PITTSBURGH	PA	U01AI077771	VIRUS-LIKE PARTICLE VACCINES FOR PANDEMIC INFLUENZA	\$1,154,441
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B CELLS IN THE PATHOGENESIS OF ALLOGRAFT REJECTION	\$337,466
2010	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$422,518
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068819	THYMOCYTE TUNING AFTER SELECTION: MECHANISMS TO AVOID AUTOREACTIVITY	\$382,407
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI067541	DENDRITIC CELLS, RAPAMYCIN AND TRANSPLANT TOLERANCE	\$360,555
2010	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI068633	MICROBICIDE TRIALS NETWORK	\$4,747,073
2010	UNIVERSITY OF PITTSBURGH	PA	R01AI079057	ROLE OF CD91 AND ITS LIGANDS IN IMMUNE RESPONSE	\$331,811
2010	UNIVERSITY OF PENNSYLVANIA	PA	K01AI079162	MATHEMATICAL TECHNIQUES FOR CONTROL OF EPIDEMIC TRYPANOSOMA CRUZI TRANSMISSION	\$100,455
2010	TEMPLE UNIVERSITY	PA	R21AI081055	ROLE OF PELLINO1 IN LIVER INFLAMMATION	\$185,625
2010	UNIVERSITY OF PITTSBURGH	PA	K22AI080977	MOLECULAR MECHANISMS OF PATHOGENESIS IN TOXOPLASMA	\$108,000
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI085015	Role of APOBEC3 in in vivo Restriction of Retrovirus Infection	\$393,599
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI094661	NANO-CHIP HIV DETECTION IN VULNERABLE POPULATIONS	\$242,116

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2010	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI088094	EXISTING MALARIA CONTROL INSECTICIDES - WITHOUT THE EVOLUTION OF INSECTICIDE-RESI	\$250,697
2010	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072197	Mechanisms of social-stress enhanced allergic airway response in a mouse model	\$406,054
2010	POLYMEDIX INC	PA	R44AI090762	Development of Small Antimicrobial Peptide Mimics as Drug-Resistant and Susceptib	\$499,850
2010	UNIVERSITY OF PENNSYLVANIA	PA	R21AI090700	LONG-LIVED ANTIBODY SECRETING CELLS	\$231,398
2010	INSTITUTE FOR CANCER RESEARCH	PA	R13AI084343	RETROVIRUS MOLECULAR BIOLOGY: INSIGHTS INTO NORMAL AND DISEASE PROCESSES	\$15,000
2010	UNIVERSITY OF PITTSBURGH	PA	R56AI049472	XENOGENEIC HEPATOCYTE TRANSPLANTATION	\$445,538
2010	UNIVERSITY OF PENNSYLVANIA	PA	R56AI081770	DEVELOPMENT OF AN ACTIVITY BASED PROBE FAMILY FOR METALLO AMINOPEPTIDASES	\$372,334
2010	UNIVERSITY OF PUERTO RICO	PR	U01AI069415	UNIVERSITY OF PUERTO RICO CLINICAL TRIALS UNIT	\$2,406,550
2010	UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS	PR	SC2AI081661	BIOCHEMICAL CHARACTERIZATION OF THE REGULATORY T-CELL PROTEIN LAG-3.	\$111,375
2010	UNIVERSITY OF PUERTO RICO	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$259,875
2010	BROWN UNIVERSITY	RI	R01AI055677	Type 1 IFN Function and Signaling in Immunity to Viruses	\$455,317
2010	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$2,382,633
2010	BROWN UNIVERSITY	RI	F31AI075614	UNDERSTANDING THE ROLE OF IL-10 IN ACUTE MURINE CYTOMEGALOVIRUS INFECTION	\$26,774
2010	RHODE ISLAND HOSPITAL	RI	K02AI077708	MECHANISMS MEDIATING ADVERSE BIRTH OUTCOMES IN THE CONTEXT OF S. JAPONICUM INFECT	\$105,921
2010	UNIVERSITY OF RHODE ISLAND	RI	U19AI082642	TRANSLATIONAL IMMUNOLOGY RESEARCH AND ACCELERATED (VACCINE) DEVELOPMENT (TRIAD)	\$2,564,398
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088773	2010 IMMUNOCHEMISTRY AND IMMUNOBIOLOGY GORDON RESEARCH CONFERENCE	\$9,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088571	2010 BACTERIAL CELL SURFACES GORDON RESEARCH CONFERENCE	\$15,000
2010	BROWN UNIVERSITY	RI	F31AI080230	KLRG1, CADHERINS AND THEIR INTERACTIONS	\$27,362
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088763	2010 CELL AND MOLECULAR FUNGAL BIOLOGY; GORDON RESEARCH CONFERENCE	\$10,000
2010	BROWN UNIVERSITY	RI	R01AI083636	Phosphoproteomic Analysis of T Cell Activation Pathways	\$388,640
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI085590	2010 BIOLOGY OF ACUTE RESPIRATORY INFECTION GORDON RESEARCH CONFERENCE	\$15,000

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2010	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$402,136
2010	BROWN UNIVERSITY	RI	R21AI081560	PHENOTYPIC SWITCHING IN CANDIDA ALBICANS AND ITS ROLE IN PATHOGENESIS	\$240,508
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088776	2010 MICROBIAL STRESS RESPONSE GORDON RESEARCH CONFERENCE	\$15,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088775	2010 BIOLOGY OF HOST-PARASITE INTERACTIONS GORDON RESEARCH CONFERENCE	\$15,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088704	2010 CHEMOTACTIC CYTOKINES GORDON RESEARCH CONFERENCE	\$3,000
2010	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$658,205
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088691	2010 SIGNALLING BY ADHESION RECEPTORS GORDON RESEARCH CONFERENCE	\$6,000
2010	BROWN UNIVERSITY	RI	F31AI075607	IDENTIFICATION OF A CRYPTIC MEIOSIS IN THE FUNGAL PATHOGEN C. ALBICANS	\$14,522
2010	MIRIAM HOSPITAL (THE)	RI	K23AI071760	CONCURRENT HAART AND TUBERCULOSIS TREATMENT: DRUG TO DRUG INTERACTIONS	\$126,954
2010	PROTHERA BIOLOGICS LLC	RI	R42AI062095	Role of Inter-alpha Inhibitors in Anthrax Intoxication	\$1,000,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088772	2010 NEW ANTIMICROBIAL DRUG DISCOVERY AND DEVELOPMENT GORDON RESEARCH CONFERENCE	\$15,000
2010	BROWN UNIVERSITY	RI	R01AI081704	Parasexual Genetics and Aneuploidy in Candida albicans	\$388,654
2010	BROWN UNIVERSITY	RI	R56AI087401	PARASEXUAL REPRODUCTION AND BIOFILM FORMATION IN CANDIDA ALBICANS	\$388,770
2010	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$900,505
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI085595	2009 SPIROCHETES, BIOLOGY OF	\$10,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI085574	2010 ANTIBODY BIOLOGY AND ENGINEERING GORDON RESEARCH CONFERENCE	\$3,000
2010	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI088764	2010 MICROBIAL TOXINS AND PATHOGENICITY GORDON RESEARCH CONFERENCE AND GORDON RES	\$25,000
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI077283	GP96, TLR AND IMMUNOLOGIC TOLERANCE	\$365,063
2010	CLEMSON UNIVERSITY	SC	R15AI081207	CONTROLLING FATTY ACID SYNTHESIS IN AFRICAN TRYPANOSOMES	\$140,708
2010	CLEMSON UNIVERSITY	SC	R01AI046414	ROLE OF LIPID RAFTS AND PHOSPHOINOSITIDES IN E. HISTOLYTICA VIRULENCE	\$216,333
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$339,580

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$292,050
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$409,115
2010	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI076721	CANDIDA GLABRATA GENE ACTIVATION DURING MUCOSAL INFECTION	\$180,675
2010	CLEMSON UNIVERSITY	SC	R03AI076869	A NOVEL COLON-SPECIFIC BI-FUNCTIONAL AMEBICIDAL THERAPEUTICS: GAL-DEXTRAN-MM	\$73,508
2010	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$286,110
2010	SOUTH DAKOTA STATE UNIVERSITY	SD	R15AI090582	CONSTRUCT NOVEL INFLUENZA A (H1N1) VIRUS CHIMERIC HA GENES FOR DEVELOPMENT OF BRO	\$299,710
2010	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI077671	DETERMINE THE RELATIVE VIRULENCE AND THE TEMPORAL EXPRESSION OF SARA PARALOG GEN	\$177,581
2010	SOUTH DAKOTA STATE UNIVERSITY	SD	K02AI076125	MECHANISM OF ACTION OF AN HIV-1 MATURATION INHIBITOR	\$98,118
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$168,768
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042284	Molecular Basis of CD1D1 and Natural T Cell Function	\$387,500
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050083	The Cell Biology of Coronavirus Infection	\$348,750
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI063200	FLUOROQUINOLONE RESISTANCE IN M. TUBERCULOSIS	\$361,887
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068009	ANALYSIS OF THE H. PYLORI CAG PATHOGENICITY ISLAND	\$379,913
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI080405	ANALYSIS OF RADIOMITIGATIVE CELL SIGNALING	\$369,762
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070672	THE ROLE OF IL-17 IN RSV-INDUCED MUCUS AND AIRWAY RESPONSIVENESS	\$369,028
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI076816	TREATMENT OF BACTERIAL PNEUMONIA AFTER INFLUENZA	\$199,763
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083443	TLR-MEDIATED SIGNALING COMPLEX FORMATION AND REGULATION OF EFFECTOR FUNCTIONS	\$415,800
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI088177	NLR SIGNALING IN INTESTINAL INFLAMMATION	\$252,000
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI081486	MECHANISMS OF REOVIRUS NEURAL TROPISM AND SPREAD	\$52,154
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$379,913

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2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$415,800
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$492,628
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$342,695
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$791,158
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI083078	ANTIBODIES RECOGNIZING QUATERNARY DIFFERENCES IN HIV ENVELOPE GLYCOPROTEINS (K08)	\$127,764
2010	SCI-TEC, INC	TN	R43AI082745	LUMINESCENT ANTIVIRAL DRUG DISCOVERY ASSAY	\$99,891
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI079757	DETERMINATION OF A MECHANISM FOR THE THROMBOCYTOPENIA OF WAS	\$155,925
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083370	Molecular basis for parainfluenza virus infection and host response	\$280,001
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI089894	Novel Antigen Identification for an Enterotoxigenic E. coli Vaccine	\$405,798
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R56AI071220	ROLE OF ACTIVE EFFLUX IN VIBRIO CHOLERAEE PATHOGENESIS	\$333,000
2010	UNIVERSITY OF TENNESSEE	TN	R01AI014367	CORONAVIRUS RNA REPLICATION	\$352,193
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$420,000
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$1,562,084
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$342,389
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$153,673
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070251	PROTECTIVE CELL-MEDIATED IMMUNITY AGAINST LETHAL H5N1 INFLUENZA A VIRUSES	\$396,072
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K01AI070808	ETIOLOGY AND SEVERITY OF INFANT BRONCHIOLITIS AND DEVELOPMENT OF CHILDHOOD ASTHMA	\$124,864
2010	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$193,039
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI061721	MOLECULAR BASIS OF INKT CELL ONTOGENY AND FUNCTION	\$361,887
2010	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$362,588
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074863	ADULT FLU HOSPITALIZATIONS: EVALUATING DIAGNOSTIC METHODS & VACCINE EFFECTIVENESS	\$125,496

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2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI039480	MECHANISM AND FUNCTION OF THE REGULATORY PROTEIN LAG-3	\$367,110
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$251,538
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$715,557
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI070373	THERAPEUTIC MONOCLONAL ANTIBODIES TO H5N1 INFLUENZA	\$3,435,365
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070305	MECHANISMS AND CONSEQUENCES OF INKT CELL ANERGY	\$372,695
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	T32AI078906	TRAINING GRANT IN BACTERIAL PATHOGENESIS	\$75,413
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$341,921
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI048636	ROLE OF MINA53 IN EFFECTOR CD4 T CELL DIFFERENTIATION	\$431,250
2010	UNIVERSITY OF TENNESSEE	TN	R01AI071042	VIRAL CHEMOKINE ALTERATION OF NEUTROPHIL FUNCTIONS	\$331,248
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$379,913
2010	ARTHROCHIP COMPANY	TN	R42AI053984	GENE EXPRESSION AND DIAGNOSIS OF AUTOIMMUNE DISEASE	\$883,821
2010	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$337,499
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$623,075
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050080	MECHANISMS OF REOVIRUS-INDUCED APOPTOSIS	\$335,425
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI075517	DEVELOPMENT OF ANTIMALARIAL PRECLINICAL CANDIDATES	\$1,099,224
2010	MEHARRY MEDICAL COLLEGE	TN	SC1AI081655	MECHANISMS OF BIOGENESIS OF ATYPICAL ALPHAVIRUSES	\$362,588
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	\$129,222
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI089401	CAPSID-TARGETING HIV-1 ANTIVIRALS	\$771,623
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI090810	Development of novel proteins synthesis inhibitors for MDR tuberculosis	\$1,034,057
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI079558	THE INTERACTION BETWEEN OUTER MEMBRANE PORINS AND TOLL-LIKE RECEPTORS	\$229,991
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI075259	STRUCTURAL MECHANISMS OF BOTULINUM NEUROTOXIN PATHOGENESIS	\$303,930

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2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$356,213
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068149	INTERLEUKIN 4 REGULATION OF LYMPHOCYTES	\$361,887
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$866,475
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI079123	INHIBITION OF CLOSTRIDIUM PERFRINGENS EPSILON TOXIN	\$370,806
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI072453	DIRECTED EVOLUTION OF INHIBITORS OF ANTHRAX TOXIN	\$298,155
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI088729	Influence of maternal antibodies on a Sendai virus-vectored RSV vaccine	\$576,345
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI089554	Virology Training Program	\$88,981
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI025129	NIH GENETIC ASPECTS OF IMMUNODEFICIENCY	\$507,418
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$599,877
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$522,538
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$325,698
2010	VANDERBILT UNIVERSITY	TN	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$85,000
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074830	A LONGITUDINAL STUDY OF CA-MRSA NASAL COLONIZATION IN COLLEGE SPORTS PARTICIPANTS	\$125,091
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI084330	THE ROLE OF IL-12 FAMILY SUBUNIT IN REGULATION OF IL-35 PRODUCTION	\$47,606
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI080227	CHANGES IN HIV-1 IMMUNE RESPONSE ASSOCIATED WITH PREGNANCY	\$125,581
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI091244	THE CONTRIBUTION OF INTRACELLULAR HEME TRAFFICKING TO STAPHYLOCOCCAL PATHOGENESIS	\$47,606
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI085062	Host Determinants of Human Metapneumovirus Immunity and Pathogenesis	\$387,500
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI081861	Role of NLRP3-inflammasome in alum's adjuvanticity	\$333,000
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI070693	TRANSCRIPTIONAL CONTROL OF CHLAMYDIAL DEVELOPMENT	\$361,350
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$374,220
2010	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R37AI010085	CHEMISTRY AND IMMUNOLOGY OF STREPTOCOCCAL M PROTEINS	\$267,348

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2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$1,302,486
2010	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$150,761
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI007611	CELLULAR AND MOLECULAR MICROBIOLOGY TRAINING PROGRAM	\$178,100
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076983	STRUCTURAL ANALYSIS OF REOVIRUS ATTACHMENT MECHANISMS	\$319,162
2010	MEHARRY MEDICAL COLLEGE	TN	SC2AI083925	NOVEL TRYPANOSOME RECEPTOR FOR THROMBOSPONDIN-1	\$145,035
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI081066	IN VIVO FUNCTION OF NEMO AS A SENSOR OF K63-LINKED POLYUBIQUITINATION	\$227,948
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077528	FLEXIBILITY AND COMMITMENT IN POST-EFFECTOR CD4 LYMPHOCYTES	\$384,038
2010	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K22AI077714	IMMUNODOMINANCE HIERARCHIES AND COMPENSATION IN INFLUENZA SPECIFIC CD8+ T CELL RE	\$108,000
2010	VANDERBILT UNIVERSITY	TN	F31AI091343	CHARACTERIZING THE GENOMIC PATTERNS OF VARIATION IN THE FUNGAL PATHOGEN ASPERGILL	\$27,317
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$325,698
2010	UNIVERSITY OF TENNESSEE	TN	R33AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$386,400
2010	MEHARRY MEDICAL COLLEGE	TN	R21AI089330	NOVEL TARGETS FOR DISCOVERING PEPTIDE INHIBITORS OF HIV-1 REPLICATION	\$207,500
2010	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$161,459
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067020	NUCLEOPHILIC ANTIBODIES: CHARACTERIZATION AND INDUCTION	\$459,600
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$349,718
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI057450	CHLAMYDIAL MANIPULATION OF HOST APOPTOSIS	\$309,784
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI043279	CCR5 Regulation and Promoter Variants in HIV-1	\$363,733
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$672,998
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPJ	\$310,860
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067861	IMPORTANCE OF ADHESIN-LIKE PROTEINS OF ENTEROCOCCUS FAECIUM	\$350,099
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$272,881

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2010	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI068135	STRUCTURAL GENOMICS OF PERSISTENCE TARGETS FROM M. TUBERCULOSIS	\$2,712,827
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$500,286
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI031431	EHRlichia CHAFFEENSIS PROTECTIVE PROTEINS	\$347,626
2010	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI064069	OPTIMIZING GAG CTL EPITOPES TO IMPROVE IMMUNOGENICITY	\$583,523
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062453	DETERMINING WHETHER TRANSIENT HIV INFECTION OCCURS	\$355,992
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$395,000
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$122,026
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI077853	AI-3 INHIBITORS AS TREATMENT FOR BACTERIAL INFECTIONS	\$1,396,328
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$364,535
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071882	TARGETED DELIVERY OF ANTI HIV SRNAS/SHRNAs TO T CELLS	\$346,841
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI083484	TH17 CELL REGULATION OF INTESTINAL IGA PRODUCTION	\$176,927
2010	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI079618	SYNTHESIS OF IMMUNOGENIC GLYCOLIPEPTIDES FOR THE DEVELOPMENT OF VACCINES FOR CH	\$148,005
2010	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$694,982
2010	LUMINEX CORPORATION	TX	U01AI082461	HIGHLY MULTIPLEXED DIAGNOSTIC INSTRUMENT FOR USE IN NONTRADITIONAL SETTINGS	\$415,398
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI090169	CHARACTERIZATION OF PSEUDOVERDINE, A NOVEL VIRULENCE-RELATED QUINOLONE MOLECULE P	\$185,625
2010	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI087747	Delineation of the molecular mechanisms underlying group A Streptococcus virulenc	\$380,000
2010	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI090705	ANTIGEN PRESENTATION BY EPITHELIAL STEM CELLS TO PROMOTE LIFE LONG IMMUNITY	\$781,009
2010	MICROGEN LLC	TX	R03AI083062	3-D ORAL MUCOSA MODEL FOR EBV PATHOGENESIS	\$77,500
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI085593	ROLE OF MUCOSAL EPITHELIAL CELLS IN HIV INFECTION AND PATHOLOGY	\$335,549
2010	BAYLOR COLLEGE OF MEDICINE	TX	R56AI084981	TARGETING T LYMPHOCYTE POTASSIUM CHANNELS FOR THE TREATMENT OF ASTHMA--OLD	\$383,750

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2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$370,508
2010	RICE UNIVERSITY	TX	R25AI062762	MEDMYST III: INFECTIOUS DISEASES MATERIALS FOR MIDDLE SCHOOL STUDENTS	\$220,839
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$371,250
2010	BAYLOR COLLEGE OF MEDICINE	TX	U01AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$784,766
2010	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$200,832
2010	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI048071	MAPPING DRUG RESISTANCE GENES IN PLASMODIUM FALCIPARUM	\$456,570
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$7,686,492
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067947	VIRAL DETERMINANTS OF HANTAVIRUS PULMONARY DISEASE IN THE HAMSTER	\$326,768
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R13AI091295	THE THREE RS OF IMMUNITY: RECOGNITION, RESPONSE AND RESOLUTION	\$10,000
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R37AI036682	ANERGY, APOPTOSIS AND CD28 IN CD8+ T CELLS DURING AIDS	\$347,627
2010	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI075145	COPY NUMBER VARIATION IN MALARIA PARASITES	\$398,332
2010	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007471	RESEARCH TRAINING PROGRAM IN MOLECULAR VIROLOGY	\$251,568
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$362,556
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI076239	STRUCTURE/MECHANISM OF A PRION-REMODELING FACTOR	\$303,930
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$115,293
2010	BAYLOR RESEARCH INSTITUTE	TX	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,183,558
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI083827	MICRORNA PROFILING OF PEDIATRIC IMMUNODEFICIENCY PATIENTS	\$194,288
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$334,125
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI079232	ENDOGENOUS GLYCOSPHINGOLIPID ANTIGENS FOR NKT CELLS	\$381,150
2010	BIOTEX, INC	TX	R44AI066425	RAPID MICROBIAL IDENTIFICATION BY MALDI-TOF MASS SPECTROMETRY OF RIBOSOMAL RNA	\$325,816
2010	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$253,832

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	BAYLOR RESEARCH INSTITUTE	TX	R21AI085523	GENOME-WIDE PROFILING OF IMMUNE RESPONSIVENESS IN PATIENTS WITH PRIMARY IMMUNODEF	\$240,500
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI089346	PROMOTION OF HIV-1 TRANSINFECTION BY MYCOPLASMA GENITALIUM	\$210,625
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI089539	Novel Inhibitors of Viral Replication	\$419,125
2010	RADIX THERAPEUTICS LLC	TX	R43AI086135	TP508:A NEW DRUG FOR MITIGATING LETHAL EFFECTS OF RADIATION EXPOSURE	\$297,326
2010	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$294,515
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007526	Emerging and Tropical Infectious Diseases	\$165,226
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$343,559
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI024998	INTESTINAL MUCOSAL IMMUNITY	\$379,913
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI061381	PILUS ASSEMBLY IN GRAM-POSITIVE BACTERIA	\$318,272
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$255,712
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI042815	PROTECTION OF GENITAL MUCOSA AND GANGLIA AGAINST HSV-2	\$243,338
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$514,631
2010	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$518,658
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI074949	ROLES OF DENDRITIC CELLS IN IMMUNE REGULATION	\$327,777
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$452,402
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI070236	DEVELOPMENT OF A LYOPHILIZED INTRADERMAL/INTRANASAL RICIN VACCINE	\$735,115
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$1,213,096
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI075068	THE MOLECULAR MECHANISMS OF BACTERIAL OUTER MEMBRANE VESICLE FORMATION	\$357,398
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI075509	SMALL MOLECULE INHIBITORS OF RICIN AND SHIGA TOXINS	\$614,558
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI067906	REORGANIZATION OF HIGHER-ORDER CHROMATIN STRUCTURES DURING IGK GENE ACTIVATION	\$381,193
2010	UNIVERSITY OF TEXAS, EL PASO	TX	SC2AI081377	THE SUMOYLATION SYSTEM AS A NOVEL TARGET FOR ANTI-INFLUENZA THERAPIES	\$109,890
2010	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$134,074

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2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI078972	MECHANISM OF PSRP MEDIATED ADHESION	\$257,276
2010	TEXAS A & M RESEARCH FOUNDATION	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$450,941
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$375,202
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$457,678
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI081710	Mechanisms of KSHV post-transcriptional gene regulation	\$314,000
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R00AI072961	ENTEROCOCCUS FAECIUM VIRULENCE: A MOLECULAR AND THERAPEUTIC APPROACH	\$249,000
2010	COVALENT IMMUNOLOGY PRODUCTS INC	TX	R41AI087527	DEVELOPMENT OF MONOCLONAL CATALYTIC ANTIBODIES FOR HIV IMMUNOTHERAPY	\$173,142
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079246	Innate Immune Response to Human Metapneumovirus Infection	\$382,500
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI087741	The Structural Basis of Viral RNA Sensing by the RIG-I Like Receptors	\$252,659
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090599	Targeting S-adenosylmethionine decarboxylase for HAT drug discovery	\$829,317
2010	HOUSTON PHARMACEUTICALS INC	TX	R44AI077225	PRECLINICAL DEVELOPMENT OF WP1066, AN EFFECTIVE INHIBITOR OF STAT3 ACTIVATION FOR	\$430,262
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI089362	A HUMANIZED MOUSE MODEL TO STUDY HIV/MTB CO-INFECTION	\$191,250
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R03AI079779	ROLE OF SOX4 IN B CELL DEVELOPMENT	\$79,000
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI083396	STRUCTURE AND FUNCTION OF INFLUENZA A VIRUS PDZ-BINDING MOTIF	\$230,250
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI085156	PROTECTIVE AND DELETERIOUS ROLES OF REGULATED EXOCYTOSIS FROM MAST CELLS	\$363,811
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$350,213
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPITOPE PREDICTION	\$252,819
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI049534	CHRACTERISTICS OF AN M. TUBERCULOSIS DERIVED VACCINE	\$371,250
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045764	IMMUNE POTENTIAL OF ANIMAL LACKING CLASS IA MOLECULES	\$330,250
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062735	TICK POLARIZED T-CELL RESPONSES AND BORRELIA INFECTION	\$333,813
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI042345	GENETIC MECHANISMS IN BORRELIA BURGDORFERI PATHOGENESIS	\$359,129

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2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069152	ROLE OF CHEMOKINE MONOMER-DIMER EQUILIBRIUM IN INNATE IMMUNITY AND INFLAMMATION	\$320,393
2010	BAYLOR COLLEGE OF MEDICINE	TX	R37AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$353,636
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$358,203
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI060424	A NOVEL MAPK FAMILY IN T. GONDII	\$268,893
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$370,008
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI074497	TARGETING THE NS1 PROTEIN FOR THE DEVELOPMENT OF INFLUENZA VIRUS ANTIVIRALS	\$999,459
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI071283	VACCINE FOR EPIDEMIC TYPHUS	\$463,127
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI078006	RIFT VALLEY FEVER VACCINE DEVELOPMENT OF ANIMAL MODELS AND OPTIMIZE PRODUCTION	\$431,129
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI074809	RECEPTORS OF PLASMACYTOID DENDRITIC CELLS AND THEIR LIGANDS	\$373,909
2010	BAYLOR COLLEGE OF MEDICINE	TX	F31AI071372	GENE VARIATION AND RESPONSIVENESS TO INFLUENZA VACCINES	\$34,371
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$54,821
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$383,332
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI081529	A NOVEL DEXH-BOX HELICASE ASSOCIATES WITH CATALYTIC EDITING PROTEINS IN A PUTATIV	\$247,632
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067839	STRUCTURAL AND FUNCTIONAL STUDY OF INFLUENZA VIRUS HEMAGGLUTININ	\$303,930
2010	BAYLOR COLLEGE OF MEDICINE	TX	K08AI080978	STAPHYLOCOCCUS AUREUS MSCRAMM SDRD IN ATTACHMENT AND INVASIVE DISEASE	\$129,060
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI072139	NEW VACCINE AGAINST INFLUENZA	\$367,538
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI085014	Genome-wide association to Staphylococcus carriage	\$634,435
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R03AI088342	ROLE OF CD8+ T CELLS IN REPRODUCTIVE SEQUELAE INDUCED BY CHLAMYDIA INFECTION	\$72,250
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI088201	Treg suppression of islet allograft rejection	\$282,000

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2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI091409	THE REGULATION OF MRNA EXPORT BY MICRORNAS	\$47,606
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$310,860
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI072538	TESTING DNA VACCINE AGAINST T. CRUZI IN LARGE ANIMAL MODEL (DOGS)	\$67,271
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI048417	MYCOBACTERIUM TUBERCULOSIS CELL DIVISION AND PROLIFERATION	\$333,847
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI039824	GENETIC DISSECTION OF SLE PATHOGENESIS	\$1,598,976
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	\$393,481
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$333,124
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$388,575
2010	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI042075	T CELL SUBSETS IN MURINE MYCOPLASMA RESPIRATORY DISEASE	\$200,865
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$339,118
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$266,360
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067847	WEST NILE VIRUS: EPIDEMIOLOGY AND MOSQUITO COMPETENCE	\$355,993
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI045196	GENETIC PATHWAYS CONTRIBUTING TO SLE PATHOGENESIS	\$469,050
2010	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,521,925
2010	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$4,812,281
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$377,525
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$460,021
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079497	PK-PD OF COMBINATION ANTITUBERCULOSIS THERAPY FOR SUPPRESSION OF DRUG-RESISTANCE	\$601,501
2010	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$662,133
2010	RICE UNIVERSITY	TX	R01AI067638	STRUCTURAL BASIS OF PROTEIN-PRIMED RNA SYNTHESIS BY BIRNAVIRUSES	\$319,992
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI067716	ROLE OF IL-6 IN THE PATHOGENESIS OF YERSINIA ENTEROCOLITICA INFECTION	\$354,485

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2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$298,980
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI080222	IDENTIFICATION OF NOVEL HIV-1 CO-FACTORS	\$189,956
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTRAX TOXIN	\$250,346
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI082327	SOMATIC MOSAICISM IN THE WISKOTT-ALDRICH SYNDROME	\$222,750
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$348,975
2010	GENOMICS USA INC	TX	R43AI081614	A LOW COST MICROARRAY FOR POPULATION-SCALE AIDS RISK ANALYSIS: THE AIDS CHIP	\$299,686
2010	RULES-BASED MEDICINE INC	TX	R44AI085819	BIOMARKER PROFILES FOR PREDICTION AND DIAGNOSIS OF POST-TRANSPLANT RENAL INJURY	\$100,000
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI077746	ROLE OF MICRORNAS IN THE SV40 INFECTIOUS CYCLE	\$289,146
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI083718	IDENTIFICATION OF C. NEOFORMANS PROTEINS THAT INDUCE PROTECTIVE IMMUNITY.	\$216,750
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$467,377
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083387	Host defense against respiratory virus infections	\$334,125
2010	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI085079	THE GENETIC BASIS OF ANTHROPOPHILY IN ANOPHELES GAMBIAE	\$266,185
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI090909	Studies of HLA Region Genomics in Systemic Sclerosis and Ankylosing Spondylitis	\$573,118
2010	TEXAS TECH UNIVERSITY	TX	R00AI077798	REGULATION OF DISTINCT ACTIN NUCLEATION MECHANISMS IN IMMUNE CELL FUNCTIONS	\$249,000
2010	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI068943	STRUCTURAL STUDIES ON BACTERIAL TWO-PARTNER SECRETION SYSTEMS	\$325,592
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$333,839
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI007271	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$91,002
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$371,250
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$456,569
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$370,138
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI069371	DEFINING GENETIC PATHWAYS TO SEVERE SYSTEMIC AUTOIMMUNITY	\$604,486

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2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071145	PROTECTIVE GLYCOPEPTIDE IMMUNODETERMINANTS OF EHRLICHIA CHAFFEENSIS	\$355,993
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$231,145
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI058086	HOST SPIROCHETE INTERACTIONS IN LYME DISEASE	\$343,026
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$249,194
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$706,155
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	U19AI071130	ASTHMA AND ALLERGIC DISEASES COOPERATIVE RESEARCH CENTER	\$1,139,847
2010	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	F32AI072946	REGULATION OF IMMUNE RESPONSES BY INTERLEUKIN-23	\$56,020
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065463	AUTOREACTIVE CD8+ T CELLS IN MULTIPLE SCLEROSIS	\$372,812
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$384,689
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$637,525
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI077536	TRANSCRIPTIONAL REGULATION OF DEVELOPMENT AND MAINTENANCE OF MEMORY T LYMPHOCYTES	\$379,913
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076849	CHARACTERIZATION OF CCR5-LIKE MOLECULES IN LEISHMANIA	\$149,490
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI083095	TOWARD AN HIV-1 MACAQUE MODEL	\$151,965
2010	BAYLOR COLLEGE OF MEDICINE	TX	K22AI079165	CHARACTERIZATION OF HEME ACQUISITION IN BACILLUS ANTHRACIS	\$108,000
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI087808	Analysis of an orchestrated cell death mediated by Vibrio parahaemolyticus T3SS1	\$392,500
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$378,600
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$444,974
2010	TERAPIO CORPORATION	TX	R43AI081356	DEVELOPMENT OF RLIP767 AS A RADIATION COUNTERMEASURE	\$278,253
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$1,820,013
2010	MICROGEN LLC	TX	R03AI081021	RAPID FISH DETECTION OF EBV-INFECTED CELLS	\$76,725

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2010	RICE UNIVERSITY	TX	R21AI087104	POINT OF CARE DIAGNOSIS OF HIV1 VIRAL LOAD USING NANO REAGENTS AND ISOTHERMAL PCR	\$186,688
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI082265	Toll-like receptor mediated regulation of effector and memory CD4 T cell response	\$396,250
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI083344	Determination of morphology and virulence in Candida albicans	\$344,881
2010	BIO-SYNTHESIS, INC	TX	R43AI089138	SYNERGISTIC VACCINE ADJUVANTS THAT STIMULATE BOTH INNATE AND ADAPTIVE IMMUNITIES	\$295,370
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI090190	NOVEL METALLO-BETA-LACTAMASE INHIBITORS	\$230,250
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI085393	INVASIVE ASPERGILLOSIS DIAGNOSIS BY ANTIGEN CAPTURE WITH LATERAL-FLOW TECHNOLOGY	\$179,403
2010	BAYLOR COLLEGE OF MEDICINE	TX	K23AI087821	Genome-wide genetic variation in the human immune response to influenza vaccines	\$131,496
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI074829	CELLULAR RESPONSES TO HUMAN METAPNEUMOVIRUS INFECTION	\$162,000
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI085263	Cellular and molecular mechanisms of host resistance to Toxoplasma gondii	\$392,500
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R56AI090142	IDENTIFICATION AND ROLE OF TYPE IV EFFECTOR PROTEINS IN COXIELLA BURNETII	\$378,727
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R56AI085164	ROLE OF A NOVEL TOLL-LIKE RECEPTOR IN RESPONSE TO VIRAL INFECTION	\$293,000
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI087768	MOLECULAR ANALYSES OF MG PATHOGENESIS IN HUMAN CELL CULTURE AND MOUSE MODELS	\$382,500
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069142	IMMUNE MECHANISMS OF HCV PERSISTENCE AND PATHOGENESIS	\$329,962
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI018188	INTERACTIONS OF ENDOTOXIN WITH PLASMA AND CELLS	\$468,011
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$322,312
2010	UNIV OF TX ALLERGY & INFECTIOUS DISEASES TRNG GRANT CMT	TX	R01AI069253	THE ROLE OF ACTIVATED NK CELLS IN A MOUSE MODEL OF LUPUS ERYTHEMATOSUS	\$370,138
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI043003	PATHOGENIC MECHANISMS OF CUTANEOUS LEISHMANIASIS	\$243,338
2010	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	TRAINING PROGRAM FOR CLINICAL RESEARCH ON AIDS	\$163,952
2010	BAYLOR COLLEGE OF MEDICINE	TX	U19AI070973	INNATE IMMUNITY IN ALLERGIC AIRWAY INFLAMMATION OF ASTHMA	\$1,468,744
2010	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI044594	FATTY ACID BIOSYNTHESIS IN CRYPTOSPORIDIUM PARVUM	\$297,996

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$385,000
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	T32AI055449	Molecular Basis of Infectious Diseases Training Grant	\$113,494
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$1,500,803
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI078559	BORRELIA BURGDORFERI INTERACTIONS WITH MAMMALIAN HOST CELLS	\$343,559
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI078740	A MODEL TO DEVELOP PEPTOID-BASED VACCINES	\$29,016
2010	GENOMICS USA INC	TX	R44AI060166	HLA CHIP PRODUCT FOR FDA 510K APPROVAL	\$1,268,299
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072493	ANALYSIS OF SARS CORONAVIRUS-HOST CELL INTERACTIONS	\$293,299
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K24AI079272	DISSECTING THE IMMUNE BASIS OF DISEASE AND THERAPY	\$182,524
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$332,318
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$381,843
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI083646	Identification of Salmonella Genes Important for Systemic Colonization	\$402,592
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079110	Using Chemical Biology to Interfere with the Influenza Virus Life Cycle	\$419,125
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI090119	Regulated Intramembrane Proteolysis of CREB3L1 in Innate Antiviral Response	\$396,250
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI089812	NOVEL CLINICAL DIAGNOSTIC TARGETS FOR DETECTION OF INVASIVE MOLD ASPERGILLOSIS	\$237,000
2010	LYNNTECH, INC	TX	R43AI091046	AN IMPROVED DIAGNOSTIC FOR LYME ARTHRITIS	\$150,328
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI090256	ROLE OF C7 IN RESISTANCE TO NEISSERIA INFECTIONS	\$225,000
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI089454	RNA INTERFERENCE FOR THE TREATMENT OF EBOLA AND MARBURG HEMORRHAGIC FEVER	\$597,687
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI053680	TARGETING MALARIAL DIHYDROOROTATE DEHYDROGENASE	\$485,500
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI087946	Structure-Function Relationships in the Spirochetal Flagellar Motor	\$377,625
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI054912	IMMUNE TOLERANCE MEDIATED BY NEGATIVE COSTIMULATORY MOLECULES	\$381,150
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$336,353
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$367,043

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2010	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007495	MOLECULAR AND CELLULAR MECHANISMS OF HOST DEFENSE	\$212,841
2010	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$367,785
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI047725	REPLICATIVE FITNESS OF SIV VARIANTS	\$331,620
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$392,500
2010	BAYLOR RESEARCH INSTITUTE	TX	R01AI068842	ALTERED CD8+ T CELL COMPARTMENT IN SLE PATIENTS	\$359,529
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI034530	PATHOGENIC MECHANISMS OF SHIGA TOXINS	\$274,420
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI070083	GALVESTON NATIONAL LABORATORY OPERATIONS	\$15,000,000
2010	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,656,416
2010	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI070655	MOLECULAR COMPOSITION AND FUNCTION OF TRYPANOSOMA CRUZI SHED VESICLES	\$281,179
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI076365	GENE EXPRESSION BY MORAXELLA CATARRHALIS IN VIVO	\$108,000
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069145	MECHANISMS OF SYLVATIC DENGUE EMERGENCE	\$616,626
2010	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$130,113
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI081058	INTRAHEPATIC IRF-3 AND NF-KB SIGNALING AND INTERFERON RESPONSES IN HEPATITIS C	\$224,235
2010	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI074860	CPAF INDUCED CD4+ T CELL MEDIATED IMMUNITY AGAINST CHLAMYDIA	\$357,638
2010	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI081485	TARGETING TRYPANOSOMA BRUCEI S-ADENOSYLMETHIONINE DECARBOXYLASE IN DRUG DISCOVERY	\$28,740
2010	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI083761	REGULATION OF T CELL ACTIVATION AND TOLERANCE BY GRAIL	\$381,150
2010	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K08AI077796	PATHOGENESIS OF SUBTYPE IE VENEZUELAN EQUINE ENCEPHALITIS VIRUS	\$121,629
2010	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080681	Evasion of intrinsic antiviral host cell responses by herpesviruses	\$307,000
2010	BAYLOR COLLEGE OF MEDICINE	TX	R25AI084826	FOUNDATIONS FOR STUDENT SUCCESS: NATIONAL AFTER SCHOOL NETWORK	\$159,890
2010	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$369,990
2010	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI047923	Alternative Approaches for E. faecalis Infections	\$508,540
2010	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI088430	IDENTIFICATION OF COXIELLA BURNETII VIRULENCE FACTORS BY TRANSPOSON MUTAGENESIS	\$183,125

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2010	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI088266	GENETIC REGULATION OF INVASIVE HYPHAL GROWTH OF ASPERGILLUS FUMIGATUS	\$215,911
2010	BAYLOR COLLEGE OF MEDICINE	TX	R21AI088123	NOVEL INHIBITORS OF 1-DEOXY-D-XYLULOSE-5-PHOSPHATE REDUCTOISOMERASE (DXR)	\$230,250
2010	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI085135	THE MECHANISMS OF REGULATORY T-CELL EXPANSION IN HUMAN MYCOBACTERIUM TUBERCULOSIS	\$352,500
2010	UNIVERSITY OF UTAH	UT	K23AI079401	RAPID MOLECULAR TESTING FOR NEONATAL ANTIBIOTIC-RESISTANT PATHOGENS	\$137,160
2010	UNIVERSITY OF UTAH	UT	R01AI087508	An Ex Vivo Model of HIV-1 Latency and Reactivation using Primary Memory Cells	\$376,250
2010	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$269,347
2010	BIOFIRE DIAGNOSTICS INC	UT	U01AI074419	HT-FILM-ARRAY: A SYSTEM TO ASSESS RESPIRATORY VIRUSES WITH EMPHASIS ON INFLUENZA	\$1,749,976
2010	BRIGHAM YOUNG UNIVERSITY	UT	U01AI082209	DEVELOPMENT OF NOVEL ANTIMICROBIAL PEPTIDE MIMICS	\$673,515
2010	INTEGRATECH PROTEOMICS LLC	UT	R43AI084610	TECHNOLOGY FOR ISOLATION OF INTEGRASE INHIBITORS FOR THERAPEUTICS AGAINST HUMAN I	\$300,308
2010	BIOFIRE DIAGNOSTICS INC	UT	U01AI082482	STI AND RESPIRATORY PATHOGEN TESTING IN NONTRADITIONAL SETTINGS	\$927,387
2010	UNIVERSITY OF UTAH	UT	R21AI088589	IDENTIFICATION AND VALIDATION OF HLA CLASS II T CELL EPITOPES IN SHRIMP ALLERGY	\$224,750
2010	NAVIGEN INC	UT	R43AI089005	SLIT2N FOR THE TREATMENT OF INFLUENZA-INDUCED ACUTE RESPIRATORY DISTRESS	\$298,200
2010	BRIGHAM YOUNG UNIVERSITY	UT	R21AI081221	DETERMINE THE THREE-DIMENSIONAL STRUCTURE OF ICOSAHEDRAL VIRUS GENOMES	\$184,635
2010	BIOFIRE DIAGNOSTICS INC	UT	R01AI089489	AN AUTOMATED MULTI-TARGET DIAGNOSTIC SYSTEM FOR GASTROINTESTINAL PATHOGENS	\$1,121,126
2010	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$373,284
2010	UNIVERSITY OF UTAH	UT	R01AI049057	INDUCTION OF APOPTOSIS BY HIV-1 VPR	\$317,211
2010	UNIVERSITY OF UTAH	UT	R01AI076652	CLONING MAJOR GENES FOR LETHAL GVHD IN MICE	\$297,990
2010	UNIVERSITY OF UTAH	UT	R21AI071971	BIORESPONSIVE COMBINATION MICROBICIDE DELIVERY SYSTEM FOR HIV AND HSV	\$226,278
2010	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$297,990
2010	BIOFIRE DIAGNOSTICS INC	UT	U01AI082184	FILMARRAY BIOTHREAT PATHOGENS: AN AUTOMATED MULTIPLEX PCR DIAGNOSTIC SYSTEM	\$1,602,709
2010	UNIVERSITY OF UTAH	UT	R21AI078240	NANOPOROUS GOLD: EXTRACTIVE SUBSTRATE FOR HIGH-SPEED ULTRASENSITIVE BIOASSAYS	\$183,247

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2010	BRIGHAM YOUNG UNIVERSITY	UT	R15AI091517	FOLLICULAR DENDRITIC CELL ACTIVATION AND HIV PATHOGENESIS	\$442,125
2010	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$335,239
2010	UNIVERSITY OF UTAH	UT	R01AI024158	REGULATION OF CR2/CD21 EXPRESSION AND ACTIVATION	\$326,684
2010	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$526,404
2010	UNIVERSITY OF UTAH	UT	R37AI033614	IMMUNITY TO INSULIN	\$352,457
2010	UNIVERSITY OF UTAH	UT	R21AI085476	INNOVATIVE APPROACH TO ASSAY DEVELOPMENT FOR THE DIAGNOSIS OF INVASIVE ASPERGILLO	\$197,492
2010	UNIVERSITY OF UTAH	UT	R01AI074825	DNA PACKAGING AND DELIVERY BY DSDNA VIRUSES	\$372,488
2010	UNIVERSITY OF UTAH	UT	R21AI081051	DEVELOPMENT OF CROSS PROTECTIVE H5 HEMAGGLUTININ ANTIGENS	\$186,244
2010	UNIVERSITY OF UTAH	UT	R01AI080830	The role of antigenic stimulatory strength in the selection and differentiation o	\$376,250
2010	UNIVERSITY OF UTAH	UT	R21AI079364	TMEM103 IN EOSINOPHIL DEVELOPMENT	\$223,493
2010	UNIVERSITY OF UTAH	UT	R21AI088086	CONTROL OF EXPEC VIRULENCE BY SMALL RNAS	\$225,750
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$308,880
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI019146	ACTIVATION OF ALGINATE GENES IN PSEUDOMONAS AERUGINOSA	\$319,703
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047141	A MOLECULAR STUDY OF THE GONOCOCCAL TRANSFERRIN RECEPTOR	\$329,745
2010	UNIVERSITY OF VIRGINIA	VA	R01AI066058	LEGIONELLA PNEUMOPHILA DEVELOPMENTAL CYCLE & VIRULENCE	\$366,377
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$426,374
2010	UNIVERSITY OF VIRGINIA	VA	K23AI074681	EVALUATION OF C. DIFFICILE SEVERITY IN EPIDEMIOLOGIC STUDIES & IN ANIMAL MODELS	\$128,817
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI069293	ROLE OF INSULIN-LIKE SIGNALING IN THE HOOKWORM INFECTIVE PROCESS	\$379,979
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI078091	TRANSLATIONAL REGULATION OF MOSQUITO MRNAS DURING PLASMODIUM INFECTION	\$196,144
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI067746	DEVELOPMENT OF A POLYVALENT CHIMERIC VACCINE FOR LYME DISEASE	\$340,466
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	UH3AI083263	THE VAGINAL MICROBIOME: DISEASE, GENETICS AND THE ENVIRONMENT	\$2,841,638
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI085467	ALTERED MIRNA EXPRESSION IN MESANGIAL CELLS IN LUPUS MICE	\$79,300

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2010	UNIVERSITY OF VIRGINIA	VA	R01AI082024	MHC REGULATION OF NK CELL MEDIATED VIRUS IMMUNITY	\$382,840
2010	INNOVATIVE BIOLOGICS INC	VA	R44AI052894	SMALL MOLECULE BLOCKERS OF B. ANTHRACIS TOXIN	\$937,717
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte FCe Receptor	\$247,348
2010	UNIVERSITY OF VIRGINIA	VA	R37AI030557	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION	\$421,025
2010	UNIVERSITY OF VIRGINIA	VA	R01AI068112	LIVE ATTENUATED RECOMBINANT BACTERIAL DELIVERY OF POLYSACCHARIDE VACCINE ANTIGENS	\$489,960
2010	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$364,398
2010	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$357,172
2010	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$726,199
2010	UNIVERSITY OF VIRGINIA	VA	U01AI070384	COOPERATIVE RESEARCH PARTNERSHIP FOR AN AMEBIC COLITIS VACCINE	\$822,444
2010	UNIVERSITY OF VIRGINIA	VA	R21AI087985	DELAYED ANAPHYLAXIS TO BEEF AND PORK: MECHANISMS AND CAUSES OF A NEW FOOD ALLERGY	\$231,000
2010	TECHLAB, INC	VA	R43AI085779	MULTIPLEX DIAGNOSTIC FOR ENTERIC CATEGORY B PATHOGENS AND INTESTINAL BIOMARKERS	\$300,000
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI088750	Preclinical development of human CMV vaccines	\$760,622
2010	UNIVERSITY OF VIRGINIA	VA	R03AI090205	DEFINING THE PORTAL OF ENTRY FOR DISSEMINATED INHALATIONAL BACILLUS ANTHRACIS INF	\$77,000
2010	ALEXANDER BIODISCOVERIES LLC	VA	R43AI084244	NOVEL ANTI-VIRAL AGENTS TO TREAT INFLUENZA	\$300,000
2010	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$357,172
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$380,880
2010	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$628,917
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI072773	TRANSDUCTION OF SCHISTOSOMA MANSONI BY PSEUDOTYPED RETROVIRUS	\$540,978
2010	UNIVERSITY OF VIRGINIA	VA	R01AI052196	IMMUNE RESPONSE TO CAT: REGULATORY AND EFFECTOR T CELLS	\$374,963
2010	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$355,724
2010	GEORGE WASHINGTON UNIVERSITY	VA	U01AI069503	CPCRA CLINICAL TRIALS UNIT	\$3,304,724
2010	TECHLAB, INC	VA	R42AI058450	NEW RAPID DIAGNOSTIC TESTS FOR AMEBIASIS	\$1,000,000

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2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI081023	CHROMOSOMAL PHYLOGENY OF THE ANOPHELES GAMBIAE COMPLEX	\$190,652
2010	UNIVERSITY OF VIRGINIA	VA	R21AI081616	FUNCTIONAL HIV ENVELOPE TRIMER AS A PROPHYLACTIC HIV/AIDS VACCINE CANDIDATE	\$205,286
2010	UNIVERSITY OF VIRGINIA	VA	K08AI081900	BORDETELLA ADENYLATE CYCLASE TOXIN: THE ROLE OF CELL INTERACTION IN TOXIN FUNCTIO	\$129,789
2010	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseases and Transplantation Training Grant	\$225,996
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$722,567
2010	UNIVERSITY OF VIRGINIA	VA	U19AI083024	IMMUNE REGULATION OF VIRUS CLEARANCE AND TISSUE INJURY AT SITES OF INFECTION	\$1,573,733
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI085091	Antiviral Pathways in Disease Vector Mosquitoes	\$382,411
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI088487	NOVEL SIGNALING MECHANISMS OF STAT TRANSCRIPTION FACTORS	\$184,029
2010	TECHLAB, INC	VA	R42AI077171	MULTIPLEX SCREENING ELISA FOR GIARDIA, CRYPTOSPORIDIUM AND E. HISTOLYTICA	\$744,665
2010	UNIVERSITY OF VIRGINIA	VA	R01AI041644	ASSEMBLY OF THE HERPES SIMPLEX VIRUS CAPSID	\$297,997
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FceRI-mediated allergic responses	\$259,009
2010	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$251,107
2010	UNIVERSITY OF VIRGINIA	VA	K08AI065461	THE EFFECTS OF A2A ADENOSINE RECEPTOR AGONISTS IN SEPSIS	\$122,283
2010	UNIVERSITY OF VIRGINIA	VA	U01AI026512	Long term Impact and Intervention for Diarrhea in Brazil	\$701,618
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	T32AI007617	TRAINING IN MOLECULAR PATHOGENESIS OF MICROBIAL DISEASES	\$184,133
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI068892	POST-TRANSCRIPTIONAL REGULATION OF BIOFILM FORMATION S. AUREUS	\$283,794
2010	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K25AI067791	SPATIALLY-EXPLICIT MATHEMATICAL MODEL OF HUMAN MONOCYTIC EHRlichiosis	\$122,176
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI080688	B-lactam mediated SOS response and expression of resistance in clinical MRSA	\$77,690
2010	UNIVERSITY OF VIRGINIA	VA	R01AI079145	The Role of Adenosine Receptors in Th Cell Development and Function	\$436,796
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$358,341
2010	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$66,243

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2010	UNIVERSITY OF VIRGINIA	VA	K08AI072470	IMMUNE RESPONSES AND GENETIC POLYMORPHISMS IN ENTAMOEBAS HISTOLYTICA INFECTION	\$122,283
2010	LUNA INNOVATIONS INC	VA	R44AI066612	DEVELOPMENT OF RSK INHIBITORS AS NOVEL THERAPEUTICS FOR YERSINIA PESTIS	\$997,346
2010	UNIVERSITY OF VIRGINIA	VA	R01AI068836	AUTOIMMUNE VITILIGO AND TOLERANCE IN THE IMMUNE RESPONSE TO A MELANOMA ANTIGEN	\$366,746
2010	UNIVERSITY OF VIRGINIA	VA	R21AI080411	THERAPEUTIC ANTISENSE RNA AND THE HIV REV-RRE PATHWAY	\$149,985
2010	UNIVERSITY OF VIRGINIA	VA	R21AI072679	ROLE OF BURKHOLDERIA CENOCEPACIA ADHESIN, ADHA, IN CYSTIC FIBROSIS INFECTIONS	\$222,242
2010	GEORGE MASON UNIVERSITY	VA	R01AI081568	REGULATION OF COFILIN IN HIV-1 INFECTION OF HUMAN CD4 T CELLS	\$308,577
2010	UNIVERSITY OF VIRGINIA	VA	R21AI087502	AN HIV VACCINE CANDIDATE TARGETING THE CORECEPTOR BINDING SITE	\$192,500
2010	UNIVERSITY OF VIRGINIA	VA	R01AI079621	T CELL EPITOPE MIMICRY FOR AUTOIMMUNE RESPONSES IN SLE	\$433,720
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088298	PROTEOMIC ANALYSES OF CLOSTRIDIUM DIFFICILE SPORE GERMINATION APPARATUS	\$186,925
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI090170	PATHOBIOLOGICAL ROLES OF ANAPLASMA PHAGOCYTOPHILUM INCLUSION MEMBRANE PROTEINS	\$224,250
2010	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$577,016
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$386,583
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$313,830
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$503,269
2010	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$354,438
2010	UNIVERSITY OF VIRGINIA	VA	R01AI012464	STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	\$439,391
2010	GEORGE WASHINGTON UNIVERSITY	VA	R01AI071778	DENDRITIC CELL RESPONSE TO MICROSPORIDIANS	\$344,886
2010	UNIVERSITY OF VIRGINIA	VA	U01AI070491	ADENOSINE RECEPTOR AGONISTS AS AN IMMUNOTHERAPY FOR BIODEFENSE	\$1,115,978
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$1,445,204
2010	RADIATION RESEARCH SOCIETY	VA	R13AI080056	MEETING OF RADIATION RESEARCH SOCIETY	\$9,142
2010	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$128,817

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2010	PHTHISIS DIAGNOSTIC LLC	VA	R43AI088846	CREATION OF STANDARDS AND DEVELOPMENT OF MOLECULAR CLINICAL DIAGNOSTIC FOR ENTERI	\$153,916
2010	GEORGE WASHINGTON UNIVERSITY	VA	P30AI087714	The District of Columbia Developmental Center for AIDS Research (DC D-CFAR)	\$735,242
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI088035	PHYSICAL MAPPING OF AEDES AEGYPTI GENOME	\$205,244
2010	GENCIA CORPORATION	VA	R43AI091101	A PROTEIN BIOLOGIC FOR THE TREATMENT OF SEPSIS	\$189,531
2010	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$409,439
2010	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$650,583
2010	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$426,963
2010	AMRON CORPORATION	VA	R44AI069607	RANDOM HAND HYGIENE PROMPTS	\$351,514
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI081837	HELPER PHAGE MOBILIZATION OF S. AUREUS SUPERANTIGEN PATHOGENICITY ISLANDS	\$371,915
2010	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$364,915
2010	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN- γ with mast cells and eosinophils i	\$357,172
2010	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$410,091
2010	UNIVERSITY OF VIRGINIA	VA	R01AI051420	ANTIBODY INDUCED T CELL-MEDIATED NEONATAL AUTOIMMUNITY.	\$374,963
2010	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$242,494
2010	UNIVERSITY OF VIRGINIA	VA	U01AI075520	NITROTHIAZOLIDES:BROAD-SPECTRUM CATEGORY B ANTI-PARASITIC/BACTERIAL THERAPEUTICS	\$530,541
2010	UNIVERSITY OF VIRGINIA	VA	U19AI070364	ASTHMA AND ALLERGIC DISEASE CENTER	\$1,335,425
2010	UNIVERSITY OF VIRGINIA	VA	R01AI067823	IRON UPTAKE MECHANISMS OF FRANCISELLA TULARENSIS	\$331,055
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077638	ROLES OF TWO AMINOPEPTIDASES IN PEPTIDE CATABOLISM IN THE MALARIA PARASITE	\$263,265
2010	UNIVERSITY OF VIRGINIA	VA	R21AI087505	HIV REV/RRE VARIATION AND CONSTRAINTS	\$228,688
2010	UNIVERSITY OF VIRGINIA	VA	R21AI090413	CD4+ AND CD8+ T CELL DEPENDENT IMMUNE MECHANISMS OF RHINOVIRUS-MEDIATED ASTHMA EX	\$308,000
2010	JAMES MADISON UNIVERSITY	VA	R15AI082527	FUNCTIONAL GENOMICS OF MYCOBACTERIUM ULCERANS BACTERIOPHAGES	\$173,022
2010	UNIVERSITY OF VIRGINIA	VA	F32AI085630	IDENTIFICATION OF EFFECTORS OF HOST CELL KILLING BY ENTAMOEBIA HISTOLYTICA	\$15,434

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2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077680	Maternal-effect selfish element as gene drive for Anopheles mosquitoes	\$402,886
2010	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI083735	INHIBITION OF BRUCELLA BY PEPTIDE NUCLEIC ACIDS	\$76,599
2010	UNIVERSITY OF VIRGINIA	VA	K08AI085190	IgE to carbohydrates causes delayed anaphylaxis	\$130,275
2010	UNIVERSITY OF VERMONT	VT	R01AI067897	CD1D-RESTRICTED T CELLS AND PREGNANCY LOSS	\$369,053
2010	UNIVERSITY OF VERMONT	VT	R01AI054961	Small Molecule Approaches to Studying T. gondii Invasion	\$492,516
2010	UNIVERSITY OF VERMONT	VT	R01AI063276	FUNCTIONAL STUDIES OF TOXOPLASMA GONDII AMA1 AND AMA2	\$349,928
2010	UNIVERSITY OF VERMONT	VT	R21AI081000	LENTIVIRAL EXPRESSION OF MHC II ANTIGENS AT THE MATERNAL-FETAL INTERFACE	\$186,244
2010	UNIVERSITY OF VERMONT	VT	R21AI088059	IDENTIFICATION OF NOVEL ARENAVIRUS PROTEIN-HOST CELLULAR PROTEIN INTERACTIONS	\$227,126
2010	UNIVERSITY OF VERMONT	VT	R01AI072021	MOLECULAR MECHANISM OF ENTAMOEBA HISTOLYTICA PHAGOCYTOSIS	\$297,990
2010	UNIVERSITY OF VERMONT	VT	R01AI036333	FAS REGULATES T CELL DEVELOPMENT/FUNCTION IN LPR MICE	\$502,607
2010	UNIVERSITY OF VERMONT	VT	R01AI080302	MOLECULAR REGULATION OF HIV-1 ASSEMBLY, RELEASE AND CELL-TO-CELL TRANSMISSION	\$372,488
2010	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$372,488
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$489,778
2010	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$381,243
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI052319	T CELL MODULATION BY NKG2D	\$435,600
2010	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$3,366,828
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$431,435
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030927	HIV HOST-CELL INTERACTIONS	\$509,259
2010	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$701,039
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068618	HVTN LABORATORY PROGRAM	\$13,724,431
2010	MICRONICS INC	WA	R44AI078851	RAPID POINT OF CARE HIV PCR DIAGNOSTIC DEVICE	\$382,286
2010	UNIVERSITY OF WASHINGTON	WA	K08AI076604	TLR 1 VARIATION AND THE IMMUNE RESPONSE TO MYCOBACTERIUM TUBERCULOSIS	\$130,680

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2010	UNIVERSITY OF WASHINGTON	WA	R01AI084803	DESIGN AND FUNCTION OF FLAGELLIN-BASED IMMUNOGENS FOR BROADLY NEUTRALIZING IMMUNI	\$560,511
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI089373	TREGS DIFFERENTIALLY SUPPRESS HIV-SPECIFIC CD8+ T CELLS	\$294,750
2010	UNIVERSITY OF WASHINGTON	WA	P01AI083224	HPV DISEASE IN THE ERA OF HPV VACCINES	\$1,071,079
2010	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	\$866,638
2010	UNIVERSITY OF WASHINGTON	WA	F32AI081455	DENDRITIC CELL-DEPENDENT ACTIVATION OF B CELLS DURING IMMUNE RESPONSES	\$52,154
2010	UNIVERSITY OF WASHINGTON	WA	R21AI087487	BIOCHEMICAL AND BIOPHYSICAL CHARACTERIZATION OF HIV ENV TRIMER SPIKES USING NANOD	\$220,000
2010	UNIVERSITY OF WASHINGTON	WA	F32AI081487	THE ROLE OF MYCOBACTERIUM MARINUM PROTEIN ESAT-6 IN PROMOTING GRANULOMA FORMATION	\$50,474
2010	UNIVERSITY OF WASHINGTON	WA	K23AI085036	Tuberculosis Infection and Genetic Variation	\$127,521
2010	UNIVERSITY OF WASHINGTON	WA	K24AI089794	Innate Immunogenetics & Human Infections	\$147,523
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI088554	IMMUNOGEN DESIGN TO ENHANCE THE EFFICACY OF PLASMODIUM VIVAX VACCINE	\$246,077
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI083413	National surveillance of emerging MDR in pediatric Enterobacteriaceae infections	\$613,450
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI054165	Statistical Methods in HIV Vaccine Efficacy Trials	\$355,826
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI091550	HIV-1 EVOLUTION IN THE FEMALE GENITAL TRACT AND TRAFFICKING TO THE BLOOD	\$606,075
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R56AI081860	COMPREHENSIVE ASSESSMENT OF ALPHA/BETA T-CELL RECEPTOR DIVERSITY	\$396,000
2010	UNIVERSITY OF WASHINGTON	WA	K08AI067910	TOLL-LIKE RECEPTOR ANTAGONISM AS A POTENTIAL TREATMENT FOR PRETERM LABOR	\$126,306
2010	UNIVERSITY OF WASHINGTON	WA	F32AI078768	HIV-1 POTENTLY ANTAGONIZES INNATE CELLULAR SIGNALING PATHWAYS BY TARGETING IRF3	\$52,154
2010	UNIVERSITY OF WASHINGTON	WA	R01AI039557	NITRIC OXIDE CYTOTOXICITY IN SALMONELLOSIS	\$426,493
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$463,235
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI053193	CD8+ T CELL IMMUNITY TO CYTOMEGALOVIRUS	\$492,596
2010	UNIVERSITY OF WASHINGTON	WA	R01AI062859	MUCOSAL INNATE IMMUNITY TO SALMONELLA INFECTION	\$331,002
2010	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$722,944
2010	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$694,859

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2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI064463	KUPFFER CELLS IN LIVER IMMUNOPATHOLOGY	\$454,539
2010	UNIVERSITY OF WASHINGTON	WA	R01AI071272	TRANSCRIPTIONAL CONTROL OF INTERFERON-GAMMA IN T AND NK CELLS	\$331,801
2010	WASHINGTON STATE UNIVERSITY	WA	R01AI063463	ION TRANSPORT AND MOTILITY IN LARVAL MOSQUITO STOMACH	\$311,314
2010	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$178,964
2010	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$20,000
2010	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	U01AI070801	A MULTIPLEX POINT-OF-CARE TEST FOR VAGINAL INFECTIONS	\$659,434
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI069057	MITOCHONDRIAL FUNCTION IN BLOODSTREAM TRYPANOSOMA BRUCEI	\$370,995
2010	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI077357	PERSISTENT HIV-1 REPLICATION IN THE RESPIRATORY TRACT DESPITE ART	\$129,465
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI081097	INDIRECT AMINOACYLATION IN THE PLASMODIUM APICOPLAST	\$238,590
2010	UNIVERSITY OF WASHINGTON	WA	U19AI089688	Malaria Evolution in South Asia	\$1,494,314
2010	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$70,649
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI090783	IDENTIFYING, CHARACTERIZING AND INDUCING EFFECTIVE ANTI-HIV T CELL RESPONSES	\$647,720
2010	UNIVERSITY OF WASHINGTON	WA	R01AI084914	Intracellular nucleic acid detection in autoimmunity	\$383,280
2010	UNIVERSITY OF WASHINGTON	WA	T32AI007509	Diseases of Public Health Importance Training Grant	\$286,461
2010	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$645,927
2010	SYNTRIX BIOSYSTEMS INC	WA	R43AI068282	AMINOTREXATE A NOVEL STRATEGY TO REPLACE METHOTREXATE IN PSORIASIS	\$202,936
2010	UNIVERSITY OF WASHINGTON	WA	R01AI054384	BIOCHEMISTRY OF PROTEIN PRENYLATION	\$619,554
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI068424	DEFINING IMMUNE DEFICITS IN HIV-1 INFECTED WOMEN	\$123,660
2010	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$331,002
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI048675	STRUCTURE/FUNCTION STUDIES OF CTLD NK IMMUNORECEPTORS	\$102,939
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,044,274
2010	UNIVERSITY OF WASHINGTON	WA	R01AI066209	VIRAL HOST INTERACTIONS IN HEPATITIS C	\$422,124
2010	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus	\$521,241
2010	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$217,253
2010	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$358,152
2010	UNIVERSITY OF WASHINGTON	WA	R01AI049168	HCV REPLICATION AND IMMUNE RESPONSE IN HIV COINFECTION	\$583,927
2010	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$515,542

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2010	UNIVERSITY OF WASHINGTON	WA	K01AI079270	HPV INFECTIONS IN OLDER WOMEN	\$121,566
2010	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI080502	RAPID ASSAY FOR INTERNALIZED RADIONUCLIDES WITH ADVANCED MATERIALS AND METHODS	\$506,381
2010	UNIVERSITY OF WASHINGTON	WA	K08AI080952	THE ROLE OF NOD1 AND NOD2 IN THE PATHOGENESIS OF LEGIONELLA PNEUMOPHILA PNEUMONI	\$130,680
2010	UNIVERSITY OF WASHINGTON	WA	K22AI081870	ROLE OF DEFENSINS IN INNATE IMMUNITY TO VIRUSES	\$159,440
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI080326	DEVELOPMENT OF NOVEL AIDS GENE THERAPY STRATEGIES IN THE MACAQUE SHIV MODEL	\$524,469
2010	UNIVERSITY OF WASHINGTON	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$122,705
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI087657	Regulatory T cell Modulation of Immunity to Mucosal Viral Infections	\$440,000
2010	TRIA BIOSCIENCE CORPORATION	WA	R43AI081383	PANDEMIC H5N1 VACCINE CONTAINING RECOMBINANT H5 AND A SYNTHETIC TLR4 AGONIST, GLA	\$316,224
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI084688	QUANTIFICATION AND DYNAMICS OF HIV-1 DRUG RESISTANT MUTANTS BY PIROSEQUENCING	\$248,913
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI089341	STATISTICAL METHODS IN HIV/AIDS RESEARCH	\$443,292
2010	SEATTLE CHILDREN'S HOSPITAL	WA	K22AI077712	B CELL ANTIGEN PRESENTATION IN CHRONIC ALLERGIC LUNG DISEASE (ASTHMA)	\$162,000
2010	UNIVERSITY OF WASHINGTON	WA	R21AI087427	MRNA/MIRNA REGULATION OF HOST RESISTANCE AND CONTROL IN HIV-1 DISCORDANT COUPLES	\$256,600
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI081625	Monitoring the development of anti-Env Abs during HIV infection	\$513,666
2010	UNIVERSITY OF WASHINGTON	WA	K24AI087399	HIV-1 and Protective Immunity against Common Childhood Pathogens	\$130,674
2010	UNIVERSITY OF WASHINGTON	WA	R21AI088597	ENGINEERING ANTIVIRAL INNATE IMMUNITY FOR SAFE AND EFFECTIVE MICROBICIDES	\$207,159
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI083455	IMPACT OF THE AUTOIMMUNITY ASSOCIATED PTPN22 1858T	\$455,467
2010	UNIVERSITY OF WASHINGTON	WA	F32AI077352	IDENTIFYING THE LINK BETWEEN HIV-1 GAG ASSEMBLY AND BUDDING	\$52,154
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI071998	MONOCYTE-MEDIATED HOST DEFENSE AGAINST ASPERGILLUS FUMIGATUS	\$113,306
2010	UNIVERSITY OF WASHINGTON	WA	R01AI068107	A COMMUNITY-LEVEL RCT OF EXPEDITED PARTNER TREATMENT FOR GONORRHEA AND CHLAMYDIA	\$529,370

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2010	WASHINGTON STATE UNIVERSITY	WA	K02AI073101	LENTIVIRUS CONTROL BY CTL AND NEUTRALIZING ANTIBODY	\$142,020
2010	UNIVERSITY OF WASHINGTON	WA	R01AI054503	HOST-RESPONSES TO MYCOBACTERIUM INFECTION IN ZEBRAFISH	\$373,713
2010	UNIVERSITY OF WASHINGTON	WA	K08AI074424	MUCOSAL TRANSMISSION AND LOCALIZED SUPERINFECTION IN HIV-1	\$128,022
2010	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$361,387
2010	WASHINGTON STATE UNIVERSITY	WA	R01AI053692	IMMUNOGENICITY OF THE TYPE IV SECRETIN SYSTEM	\$370,013
2010	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,965,311
2010	UNIVERSITY OF WASHINGTON	WA	R01AI064515	SPYA, A NOVEL S. PYOGENES ADP-RIBOSYLTRANSFERASE	\$297,488
2010	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$303,492
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071212	MECHANISM/PREDICTORS OF GENITAL/RECTAL HIV SHEDDING DURING ART W/PLASMA <50C/ML	\$422,576
2010	UNIVERSITY OF WASHINGTON	WA	R01AI083034	MULTI-COMPONENT, TARGETED HIV PREVENTION FOR SUB-SAHARAN AFRICA: PREVENTIONRX	\$844,990
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI075641	TRYPANOSOME DRUG DEVELOPMENT CONSORTIUM	\$432,153
2010	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$502,350
2010	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$517,444
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI078962	GENOME WIDE ASSESSMENT OF ESSENTIAL GENES IN TRYPANOSOMA BRUCEI	\$873,823
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$331,776
2010	UNIVERSITY OF WASHINGTON	WA	R33AI071939	IMPROVED MACAQUE SAFETY MODEL FOR TOPICAL MICROBICIDES: POST-COITAL ASSESSMENTS	\$470,320
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI084556	ASSESSMENT OF CD4 NEGATIVE T CELL FUNCTION IN SIV INFECTED PRIMAGE MODELS	\$52,154
2010	THE GENEVA FOUNDATION	WA	U01AI082069	ASSESSMENT OF THE IMMUNOGENICITY AND PROTECTIVE EFFICACY OF A MULTIAGENT DNA VACC	\$1,031,332
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI076498	PROTECTIVE IMMUNITY INDUCED BY P. YOELII GENETICALLY ATTENUATED VACCINES	\$491,250
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI089986	Immune Profile and Network Analysis of Malaria Infection and Vaccination	\$522,975
2010	UNIVERSITY OF WASHINGTON	WA	K01AI087369	Vertical CMV transmission in the setting of maternal HIV-1 infection in Kenya	\$107,093

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2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI083668	HIGH THROUGHPUT SCREENING FOR ANTI-ADHESION DRUGS TO TREAT SEVERE MALARIA	\$433,350
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI087468	DRAMATIC CD4+ T CELL DEPLETION WITHOUT SIMIAN AIDS IN SIV+ MANGABEYS	\$795,770
2010	UNIVERSITY OF WASHINGTON	WA	R01AI076170	GLYCAN MODIFICATION, CD4 INDEPENDENCE, AND ENV IMMUNOGENICITY	\$839,486
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI041721	PREGNANCY, MICROCHIMERISM, AND AUTOIMMUNE DISEASE	\$426,465
2010	INBIOS INTERNATIONAL, INC	WA	R44AI052683	GEOGRAPHICALLY ROBUST RAPID ASSAY FOR T. CRUZI INFECTION	\$459,198
2010	UNIVERSITY OF WASHINGTON	WA	T32AI007450	CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$143,717
2010	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$419,461
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI031077	PROTEIN PHOSPHORYLATION IN TRYPANOSOMES	\$450,296
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053709	NEW INFECTION-RELATED PROTEINS OF PLASMODIUM SPOROZOITES AND LIVER STAGES	\$381,744
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI042528	CYTOTOXIC T-CELL RESPONSES TO HSV: HIV-INFECTED PERSONS	\$374,821
2010	UNIVERSITY OF WASHINGTON	WA	R01AI052203	Programming protective immunity by targeting antigens to the CD180 receptor	\$433,804
2010	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular characterization of the role for T-bet and Bcl-6 in immune cell metabolism and differentiation	\$146,250
2010	UNIVERSITY OF WASHINGTON	WA	R01AI068431	PROTECTIVE CELLULAR IMMUNE RESPONSES IN HIV-1 DISCORDANT COUPLES	\$622,202
2010	UNIVERSITY OF WASHINGTON	WA	F31AI086071	SELF-COLLECTION FOR HPV IN 18-24 YEAR-OLD WOMEN WHO DATE ONLINE	\$34,109
2010	UNIVERSITY OF WASHINGTON	WA	K23AI087206	Intense Validation of a Mathematical Model of Herpes Simplex Virus-2 Pathogenesis	\$128,516
2010	UNIVERSITY OF WASHINGTON	WA	R21AI083487	AIRWAY METALLOPROTEINASES IN MUCOSAL IMMUNITY	\$246,510
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54AI083028	IMMUNE MEDIATED DISORDERS AFTER ALLOGENEIC HEMATOPOIETIC CELL TRANSPLANTS (HCT)	\$1,237,500
2010	UNIVERSITY OF WASHINGTON	WA	K08AI087969	Female Genital Innate Immune Response to Vaginal Microbiota	\$127,116
2010	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$333,011
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI089405	NOVEL HIV 1 ENVELOPE IMMUNOGENS DERIVED FROM BROADLY NEUTRALIZING PLASMAS	\$263,709

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2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI091129	INVESTIGATING THE ROLE OF CELLULAR SIGNALING IN LIVER-STAGE MALARIA INFECTION	\$49,584
2010	UNIVERSITY OF WASHINGTON	WA	R21AI081347	PERSONALITY, STRESS, AND HSV-1 INFECTION: A TWIN STUDY	\$217,930
2010	UNIVERSITY OF WASHINGTON	WA	U19AI090882	ERIN CRC: Molecular Basis of Nontyphoidal Salmonella Emergence	\$1,140,032
2010	WASHINGTON STATE UNIVERSITY	WA	R03AI090182	GENETIC DETERMINANTS OF MAMMALIAN HOST ADAPTATION BY THE LYME DISEASE SPIROCHETE.	\$74,750
2010	UNIVERSITY OF WASHINGTON	WA	R01AI084004	Selective inhibition of tRNA synthetases from pathogenic protozoa	\$584,507
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$735,994
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$472,725
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$1,250,021
2010	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$367,781
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069481	SEATTLE VACCINE TRIALS UNIT	\$522,242
2010	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$384,064
2010	UNIVERSITY OF WASHINGTON	WA	K23AI069990	GENITAL HIV-1 SHEDDING AMONG WOMEN STARTING SECOND-LINE ANTIRETROVIRAL THERAPY	\$126,671
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068614	LEADERSHIP GROUP FOR A GLOBAL HIV VACCINE CLINICAL TRIALS NETWORK	\$21,443,783
2010	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$505,332
2010	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI052286	RECOGNITION OF BACTERIAL FLAGELLIN BY MACROPHAGES	\$437,036
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI070749	EUKARYOTIC-TYPE SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$383,576
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068615	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; MICROBICIDE TRIALS NETWORK	\$3,475,582
2010	UNIVERSITY OF WASHINGTON	WA	R01AI078781	REGULATION OF APOBEC3G ENZYMATIC ACTIVITY IN HIV-INFECTED PRIMARY HUMAN T CELLS	\$394,886
2010	ETUBICS CORPORATION	WA	R44AI071733	DEVELOPMENT OF AN AD5 (E1-, E2B-) HIV-1 VACCINE FOR USE IN AD5 IMMUNIZED VACCINEE	\$1,149,641
2010	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$365,935

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF WASHINGTON	WA	R03AI082316	SALPINGEAL INFECTION MODEL OF MYCOPLASMA GENITALIUM	\$77,220
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI081235	A MOLECULAR TOOLBOX FOR HYPOTHESIS TESTING IN THE DERMATOPHYTES	\$286,308
2010	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,110,046
2010	WASHINGTON STATE UNIVERSITY	WA	R03AI087933	MECHANISTIC DETERMINANTS OF VLS ANTIGENIC VARIATION IN THE LYME DISEASE SPIROCHET	\$74,750
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038518	EARLY AND REINFECTION IN HIGH RISK WOMEN	\$840,402
2010	UNIVERSITY OF WASHINGTON	WA	R21AI085295	DEFINING THYMIC EPITHELIAL HETEROGENEITY	\$156,000
2010	UNIVERSITY OF WASHINGTON	WA	R01AI089441	Calcium Dependent Protein Kinase 1 as a drug target for T. gondii and C. parvum	\$1,051,325
2010	UNIVERSITY OF WASHINGTON	WA	R03AI088458	HIGH-RISK HPV INFECTIONS IN 18- 24-YEAR-OLD WOMEN WHO DATE ON-LINE	\$74,083
2010	TRIA BIOSCIENCE CORPORATION	WA	R43AI087444	A NOVEL DC-TARGETING NON-INTEGRATING LENTIVECTOR VACCINE FOR HIV INFECTION	\$300,000
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI085488	PEPTIDE FINGERPRINT MULTIPLEX ANALYSIS BY MS/MS FOR PRIMARY IMMUNDEFICIENCY	\$292,500
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071163	LENTIVIRAL GENE THERAPY FOR WISKOTT-ALDRICH SYNDROME	\$803,587
2010	UNIVERSITY OF WASHINGTON	WA	R01AI050940	DYNAMIC PROPERTIES OF BACTERIAL ADHESINS	\$484,208
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$417,369
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI032042	METHODS FOR EVALUATING VACCINE EFFICACY	\$528,251
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$428,072
2010	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$400,275
2010	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$442,769
2010	UNIVERSITY OF WASHINGTON	WA	K23AI079394	DYNAMIC REACTIVATION OF HERPES SIMPLEX VIRUS-2 AND THE GENITAL MUCOSAL RESPONSE	\$124,134
2010	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI025032	LPS Regulation of Macrophage Function	\$656,217
2010	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$379,139
2010	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	U01AI078054	DEVELOPMENT AND MANUFACTURE OF ADJUVANTS FOR VACCINES TARGETING MDR TUBERCULOSIS	\$2,017,824
2010	UNIVERSITY OF WASHINGTON	WA	K08AI073739	PROGESTERONE & ESTROGEN DIFFERENTIALLY REGULATE DC FUNCTION IN LUPUS AUTOIMMUNITY	\$122,040

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF WASHINGTON	WA	R01AI078802	Low-frequency HIV-1 Drug Resistance in Primary HIV-1 Infection	\$431,307
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	\$971,923
2010	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	U01AI081895	DETECTION OF TOXINS: A COMBINED ELISA MICROARRAY AND ACTIVITY ASSAY PLATFORM	\$528,379
2010	PHARMAIN CORPORATION	WA	R43AI082723	LONG-ACTING VIP FORMULATIONS FOR THE TREATMENT OF CHRONIC INFLAMMATORY DISEASES	\$300,000
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K25AI087397	Computational Approaches to Studying Immunodominance.	\$123,938
2010	UNIVERSITY OF WASHINGTON	WA	R01AI080625	GLYCOGEN SYNTHASE KINASE-3 AS A DRUG TARGET FOR TRYPANOSOMA BRUCEI	\$386,100
2010	UNIVERSITY OF WASHINGTON	WA	U19AI088778	Center for the Study of Innate Immunity to HCV Infection	\$853,750
2010	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI078934	THE IMMUNOPATHOGENESIS OF HIV-RELATED IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME	\$108,000
2010	UNIVERSITY OF WASHINGTON	WA	K08AI089938	The Role of CD1a in Protecting Against Human Tuberculosis	\$126,892
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI038382	HPV Capsid Antibodies	\$405,044
2010	KINETA INC	WA	R43AI085691	DEVELOPMENT OF KV1.3 CHANNEL BLOCKER SHK-186 AS A THERAPY FOR MULTIPLE SCLEROSIS	\$299,443
2010	UNIVERSITY OF WASHINGTON	WA	R56AI084856	RESOLVING BIOMATERIAL INFLAMMATORY RESPONSE BY CONTROLLING MACROPHAGE PHENOTYPE	\$415,827
2010	UNIVERSITY OF WASHINGTON	WA	R56AI052228	ACQUISITION OF BACTERIAL VAGINOSIS IN LESBIANS	\$564,895
2010	UNIVERSITY OF WASHINGTON	WA	F32AI073027	QUORUM SENSING IN BURKHOLDERIA MALLEI	\$52,154
2010	UNIVERSITY OF WASHINGTON	WA	R01AI048389	THE ROLE OF CELLULAR FACTORS IN THE HIV-1 CAPSID ASSEMBLY PATHWAY	\$336,727
2010	UNIVERSITY OF WASHINGTON	WA	R01AI043060	CHLAMYDIA PNEUMONIAE ANTIGENS OF BILOGICAL SIGNIFICANCE	\$386,100
2010	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	\$426,110
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$423,477
2010	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$558,047
2010	UNIVERSITY OF WASHINGTON	WA	U01AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,160,810
2010	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$423,146

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2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$1,058,211
2010	UNIVERSITY OF WASHINGTON	WA	R01AI045820	PATHOGENIC ADAPTATION OF MICROBIAL ADHESINS	\$294,224
2010	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$276,067
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI073441	REGULATION OF INFLAMMATORY SIGNALING DURING THE INNATE IMMUNE RESPONSE	\$444,320
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI067750	HOMING AND HOMEOSTASIS OF REGULATORY T CELLS	\$431,435
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030581	CELL-STRESS INDUCED IMMUNE RESPONSES	\$660,877
2010	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$572,467
2010	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$2,586,625
2010	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$162,573
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068635	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV VACCINE TRIALS NETWORK	\$12,347,128
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI073085	HIV INFECTION OF NON-DIVIDING CELLS	\$294,027
2010	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068617	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV PREVENTION TRIALS NETWORK	\$4,752,947
2010	UNIVERSITY OF WASHINGTON	WA	R01AI070090	NEW INHIBITORS OF HIV REPLICATION	\$436,967
2010	UNIVERSITY OF WASHINGTON	WA	F31AI083042	INNATE/ADAPTIVE IMMUNE RESPONSE TO SALMONELLA TYPHIMURIUM	\$32,844
2010	UNIVERSITY OF WASHINGTON	WA	R21AI087161	MANAGEMENT AND RETRIEVAL OF MULTIDISCIPLINARY HIV RESEARCH DATA	\$203,606
2010	UNIVERSITY OF WASHINGTON	WA	K23AI082553	REBOUND MALARIA FOLLOWING TRIMETHOPRIM-SULFAMETHOXAZOLE PROPHYLAXIS IN CHILDREN	\$131,409
2010	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$703,501
2010	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$739,995
2010	PRECISION GENOME ENGINEERING	WA	R43AI089036	ENGINEERED NUCLEASE FOR GLUCOCORTICOID RECEPTOR GENE EDITING	\$174,053
2010	UNIVERSITY OF WASHINGTON	WA	R21AI085311	CD180(RP105) REGULATION OF TLR AND BCR RESPONSES IN B CELLS	\$227,591
2010	UNIVERSITY OF WASHINGTON	WA	RC4AI092552	Interventions to decrease HIV infectiousness in Uganda	\$3,900,023
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI085130	Functional specialization of Foxp3+ regulatory T cells	\$451,800
2010	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R56AI090283	CONTROL OF REGULATORY T CELL DIFFERENTIATION AND FUNCTION	\$457,500

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2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$359,855
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI068062	REGULATION OF MAST CELL FUNCTION BY INHIBITORY MOLECULES	\$305,795
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067422	INTRACELLULAR TRANSFER OF CHOLESTEROL IN MOSQUITOES	\$240,244
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI073230	VIF-SPECIFIC CD8 RESPONSES IN INDIVIDUALS THAT CONTROL HIV REPLICATION	\$159,090
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$201,613
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI088551	ULTRA-SENSITIVE NMR VIA PHOTOCHEMICALLY INDUCED DYNAMIC NUCLEAR POLARIZATION	\$234,994
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI081087	DELIVERING DRUGS VIA BACTERIAL SECRETION SYSTEMS	\$183,769
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI085713	INNATE IMMUNE RESPONSES TO HIGHLY PATHOGENIC AVIAN INFLUENZA VIRUSES	\$50,054
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	K08AI072023	CYTOKINES IN T REGULATORY CELL FUNCTION	\$134,325
2010	STRATATECH CORPORATION	WI	R44AI090778	DEVELOPMENT OF AN ANTIMICROBIAL CELLULAR THERAPEUTIC FOR INHIBITION OF BIOFILM FO	\$500,000
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI051669	M. TUBERCULOSIS GENES REGULATING PERSISTENT INFECTION	\$331,055
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048087	T CELLS IN GRANULOMATOUS IMMUNE RESPONSES	\$381,738
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015429	STRUCTURE AND FUNCTION OF ASCARIS NEUROPEPTIDES	\$337,135
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI037083	LYSOZYMES AND IMMUNITY IN ANOPHELES GAMBIAE	\$242,593
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI074515	NANOEMULSIONS AS NOVEL ADJUVENTS FOR INFLUENZA VIRUS VACCINES	\$602,700
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080598	MOLECULAR MECHANISMS FOR THE HIGH PATHOGENICITY OF 1918 INFLUENZA VIRUS	\$653,029
2010	LUCIGEN CORP	WI	R43AI085840	RANDOM SHEAR SHUTTLE BAC LIBRARIES FOR ANTIMICROBIAL DISCOVERY FROM SOIL METAGENO	\$164,732
2010	SCARAB GENOMICS LLC	WI	R43AI091269	UNIFORM LENGTH DNA FOR PAIRED END NEXTGEN SEQUENCING VIA IN VITRO PACKAGING	\$127,387
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$274,172

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2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI079070	PLATNESIMYCIN AND PLATENCIN BIOSYNTHESIS AND ENGINEERING IN ANTIBACTERIAL DRUGS	\$363,490
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI072817	EMPLOYING TOXOPLASMA GONDII VIRULENCE MUTANTS TO EXAMINE PROTECTIVE IMMUNITY	\$53,810
2010	IOGENETICS LLC	WI	R44AI056944	ANTIBODY-BIOCIDE FUSIONS TO CONTROL CRYPTOSPORIDIUM	\$999,999
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI070503	MECHANISMS OF RHINOVIRUS-INDUCED EXACERBATIONS OF ASTHMA	\$1,613,376
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI084787	DEFINING THE IMPORTANCE OF CD8+ T CELL BREADTH IN SIV/HIV PROTECTIVE IMMUNITY	\$716,700
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080675	Retinoblastoma (Rb) protein pathway in human cytomegalovirus infected cells	\$410,360
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074940	ANALYSIS OF HUMAN NKT CELL AUTO-ANTIGENS	\$362,769
2010	BIOSENTINEL LLC	WI	R43AI081531	A CELL-BASED ASSAY FOR BOTULINUM NEUROTOXIN DETECTION AND DEVELOPMENT	\$288,512
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI089370	Pathogenesis of Cryptococcus Spores	\$362,326
2010	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R33AI080557	ACTIVATED PROTEIN C FOR TREATMENT OF RADIATION COMBINED INJURY	\$418,226
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI084889	THE ROLE OF GAMMAHERPESVIRUS PROTEIN KINASE IN LYTIC AND LATENT INFECTION	\$378,260
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI040482	REGULATION OF VIRUS-INDUCED PROGRAMMED CELL DEATH	\$290,102
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$658,371
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$361,236
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067518	MATERNAL FLU INFECTION AND BRAIN DEVELOPMENT IN PRIMATES	\$448,012
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI064828	MOLECULAR MECHANISMS OF NATURAL KILLER CELL ACTIVATION	\$328,461
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$480,844
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$340,773
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI076114	MINIGENE VACCINATION WITH EARLY PRESENTED VIRAL PROTEINS	\$872,872
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI077988	MULTIPLIED POC DEVICE FOR ANTIGEN/MOLECULAR DETECTION OF INFLUENZA & OTHER VIRUSES	\$473,172
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$323,101

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2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$286,048
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI087474	IDENTIFYING ENDOGENOUS RETROVIRUS T CELL TARGETS IN SIV-INFECTED MACAQUES	\$222,750
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI082147	THE HEART OF OSPC AS A BORRELIA BURGDORFERI ADHESIN	\$190,000
2010	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$403,425
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$363,825
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$376,200
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$367,538
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048785	REGULATION OF CD8 T CELL IMMUNITY BY CDK INHIBITOR P27KIP1	\$413,355
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$344,814
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067698	HEMOCYTE TRANSCRIPTOME AND IMMUNITY IN AEADES AEGYPTI	\$343,026
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$414,868
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI052218	IN VITRO GLYCORANDOMIZATION OF NATURAL PRODUCTS	\$353,261
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$610,399
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI071004	MOLECULAR MECHANISMS THAT REGULATE PHASE TRANSITION IN DIMORPHIC FUNGI	\$130,950
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI052056	The Functional Significance of CTL Escape	\$714,519
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI081045	REGULATION OF IFN-BETA INDUCTION BY P2X7 PURINERGIC RECEPTOR SIGNALING	\$139,928
2010	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R01AI088001	ANTIVIRAL POTENTIAL OF HELICASE INHIBITORS	\$250,512
2010	CLINICAL IMMUNOLOGY SOCIETY	WI	R13AI088855	CIS FIRST NORTH AMERICAN PRIMARY IMMUNE DEFICIENCY NATIONAL CONFERENCE	\$10,000
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI019769	IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS	\$376,576
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065850	DISCOVERING NEW ANTI-TUBERCULOSIS DRUGS	\$299,713
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$367,027
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063441	REGULATION OF GENE EXPRESSION IN FRANCISELLA	\$357,172

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2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI034998	ROLE OF GLYCOPROTEIN B IN HCMV INFECTION	\$301,169
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$359,610
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI070428	RAPID POINT-OF-CARE DIAGNOSTIC FOR BIOTERRORISM "A" AGENTS AND PANDEMIC INFLUENZA	\$1,526,585
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI081590	CRYPTIC ORFS AS A VACCINE FOR HIV	\$140,408
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071947	IDENTIFICATION AND PRECLINICAL TESTING OF MICROBICIDES	\$466,405
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI078713	DISSECTION OF CELLULAR INTERACTIONS IN T1DM WITH INTEGRATED FUNCTIONAL GENOMICS	\$380,332
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071197	DATA-DRIVEN COMPUTATIONAL MODELING OF THE GROWTH AND SPREAD OF VIRUSES	\$347,285
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015503	Immunobiology of schistosome-mollusc interactions	\$293,896
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI051407	BORRELIA-INTEGRIN INTERACTIONS	\$382,500
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI049577	ACTIVITY OF PSEUDOMONAS TYPE III TOXINS	\$367,839
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$342,000
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$265,488
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$183,325
2010	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$403,425
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$363,696
2010	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$35,000
2010	SCARAB GENOMICS LLC	WI	R44AI088981	INNATE IMMUNE PROTECTION BY CLEAN GENOME E. COLI	\$139,981
2010	MINITUBE OF AMERICA	WI	R41AI082853	GALT-KO PIGS EXPRESSING PRIMATE CD47 TO FACILITATE ORGAN XENOGRAFTS	\$296,051
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI091462	IMMUNOMODULATION OF RELAPSING REMITTING MULTIPLE SCLEROSIS BY GUT PARASITES	\$371,250
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$351,513
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063326	SYNTHETIC LIGANDS FOR MODULATING BACTERIAL COMMUNICATION	\$232,685
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$168,760

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI043346	ARTIFICIAL POLYMERIC LIPOPROTEINS AS DRUG CARRIERS	\$174,805
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI069099	MECHANISMS OF IMMUNE EVASION BY HHV-6 AND HHV-7 U21	\$331,055
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI082890	CELLULAR MECHANISMS GOVERNING AN INVASIVE ASPERGILLOSIS VIRULENCE FACTOR	\$50,474
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI082916	MOLECULAR BASIS OF PROPIONATE TOXICITY	\$176,086
2010	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI081692	Intrinsic Resistance to antimicrobials in Enterococcus faecalis	\$380,000
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI088038	TIR DOMAIN CONTAINING PROTEIN FROM BRUCELLA MELITENSIS	\$185,625
2010	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI057744	RECEPTORS FOR CLOSTRIDIAL NEUROTOXINS	\$363,490
2010	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R03AI081701	METABOLIC INTERDEPENDENCY OF TSETSE FLY SYMBIOSIS	\$73,250
2010	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R21AI083683	SCL1-MEDIATED IMMUNE EVASION OF THE RHEUMATOLOGENIC GROUP A STREPTOCOCCUS	\$183,750
2009	UNIVERSITY OF ALBERTA		U01AI061233	ULTRASENSITIVE BISPECIFIC ANTIBODY ASSAY FOR SARS VIRUS	\$0
2009	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$347,027
2009	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$0
2009	STOCKHOLM UNIVERSITY		F32AI075773	TUNING TWO-COMPONENT SIGNALING SYSTEMS WITH PROTEIN-MEMBRANE INTERACTIONS	-\$9,840
2009	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$0
2009	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$25,718
2009	UNIVERSITY OF RIJEKA		R01AI083201	VIRAL EVASION OF NK CELLS	\$0
2009	FEDERAL UNIVERSITY OF MINAS		R03AI071057	SPATIAL CLUSTERING PRE AND POST-TREATMENT FOR SCHISTOSOMIASIS AND GEOHELMINTHS	\$5,400
2009	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$37,187
2009	UNIVERSIDADE FEDERAL DE SAO PAULO		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$47,187
2009	INSTITUTE OF MATERIA MEDICA		U01AI061092	DEVELOPMENT OF PEPTIDE-BASED VACCINE AGAINST SARS-COV	\$0
2009	BIOTA SCIENTIFIC MANAGEMENT		U01AI070263	INNOVATIVE INFLUENZA THERAPEUTIC AND PROPHYLACTIC FOR BIODEFENSE APPLICATIONS	\$0

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2009	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$0
2009	UNIVERSITY OF OTAGO		R21AI076881	ROLE OF THE LISTERIA PROTEIN INLC AND ITS HOST LIGAND TUBA IN CELL-CELL SPREAD	\$99,882
2009	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI078891	INTERACTION OF BRUCELLA ABORTUS WITH THE HOST IMMUNE SYSTEM: STUDY OF TWO NEW IMM	\$0
2009	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$0
2009	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	\$0
2009	UNIVERSITY OF QUEENSLAND		U01AI066321	ATTENUATED WEST NILE VIRUS VACCINE	\$0
2009	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$0
2009	UNIVERSITY OF STOCKHOLM		F32AI075773	TUNING TWO-COMPONENT SIGNALING SYSTEMS WITH PROTEIN-MEMBRANE INTERACTIONS	\$0
2009	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$43,729
2009	RESEARCH INSTITUTE FOR HEALTH SCIENCES		U01AI069399	CHIANG MAI UNIVERSITY HIV/AIDS CLINICAL TRIALS UNIT	\$0
2009	HOSPITAL UNIV CLEMENTINO FRAGA FILHO		U01AI069414	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO CLINICAL TRIALS UNIT	\$0
2009	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$0
2009	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$0
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R37AI020384	GENETIC ANALYSIS OF RICKETTSIA PROWAZEKII	\$0
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$0
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$0
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI015035	PERMEABILITY OF THE EPIDEMIC TYPHUS RICKETTSIA	\$0
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI059267	MECHANISMS OF RNA VIRUS-HOST INTERACTION	-\$6,178
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	-\$50,400
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI074778	MOLECULAR EPIDEMIOLOGY OF PLASMODIUM REICHENOWI	\$7,250
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$0

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2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K25AI064625	CYTOKINE SIGNALING NETWORK RESPONSE TO SMALLPOX VACCINE	-\$39,671
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$0
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069569	LIPOSOMAL RECOMBINANT VACCINE AND CARIES IMMUNITY	\$203,723
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$360,866
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$0
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K23AI064161	IMPROVING ASSESSMENT OF MRSA & VRE TRANSMISSION IN ICUS	\$0
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$0
2009	UNIVERSITY OF CALIFORNIA	CA	U01AI066344	INNATE IMMUNOMODULATING GENES OF SMALLPOX VACCINES	\$34,217
2009	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$0
2009	STANFORD UNIVERSITY	CA	U01AI037127	ONTOGENY OF MEASLES IMMUNITY IN INFANTS	\$0
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI070494	DEVELOPMENT OF AN EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	-\$255,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	-\$108,004
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI074242	MICROARRAY- BASED ALLELIC VARIATION SCANNING OF PLASMODIUM VIVAX	-\$5,102
2009	STANFORD UNIVERSITY	CA	R01AI047365	STRUCTURE AND FUNCTION OF THE HEPATITIS C VIRUS GENOME	\$36,276
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$0
2009	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$0
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059447	PHOSPHOLIPID SIGNALING IN B LYMPHOCYTES	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$32,540
2009	STANFORD UNIVERSITY	CA	R01AI036929	ACTIN BASED MOTILITY OF A BACTERIAL PATHOGEN	\$15,796

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2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$0
2009	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	U01AI061442	NEUTRALIZING BOTULINUM NEUROTOXIN WITH HUMAN ANTIBODIES	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$0
2009	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI043986	GENETIC ANALYSIS OF BORDETELLA PATHOGENESIS	-\$58,196
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$0
2009	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$3,031
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$0
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	\$550,725
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI083784	BINATIONAL TRANSMISSION OF MULTIDRUG-RESISTANT TUBERCULOSIS, CALIFORNIA & MEXICO	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$0
2009	LA JOLLA BIOENGINEERING INSTITUTE	CA	R01AI082610	NITRIC OXIDE RESTORATION & HEME DETOXIFICATION AS ADJUNCTIVE THERAPIES FOR CEREBR	\$0
2009	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI065937	B CELL REGULATION OF DIABETOGENIC ACTIVITY	\$0
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$35,346
2009	MOLECULAR EXPRESS, INC	CA	R43AI078654	SURROGATE ENDPOINTS FOR CORRELATING PROTECTIVE IMMUNITY IN RESPONSE TO INFLUENZA	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$0
2009	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$0
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI068421	T REGULATORY CELLS AND HIV LATENCY	\$0
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$0
2009	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI082740	MULTIEPITOPE CIRCUMSPOROZOITE P.FALCIPARUM MALARIA SUBUNIT VACCINE DISPLAYED ON V	\$0
2009	WAVE 80 BIOSCIENCES INC	CA	R43AI080454	INTERMODULATION PEAK DETECTION OF BRANCHED DNA FOR COMPACT-APPARATUS VIRAL LOAD M	\$0

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2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI084418	ROLE OF CTCF IN V(D)J REARRANGEMENT	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI081321	CROSS-BORDER DYNAMICS OF MDR/XDR-TB EPIDEMIOLOGY BY HIV STATUS IN TIJUANA, MEXICO	\$0
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI059492	REVERSE GENETICS OF MOSQUITO SYSTEMIC IMMUNITY	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$0
2009	STANFORD UNIVERSITY	CA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$220,000
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI060379	CELL MEDIATED IMMUNITY IN HIV INFECTED CHILDREN	\$29,386
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	K99AI084581	STRUCTURAL ANALYSIS OF HUMAN TETHERIN AND ITS ANTAGONIST HIV-1 VPU	\$0
2009	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI067548	STRUCTURE AND FUNCTION OF THE PROKARYOTIC CYTOSKELETON BY ELECTRON CRYOTOMOGRAPHY	-\$13,556
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$0
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$114,343
2009	STANFORD UNIVERSITY	CA	R01AI065972	THE CELL BIOLOGY OF THEILER'S VIRUS PERSISTENCE IN CNS	\$291,453
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$250,000
2009	ID FISH TECHNOLOGY INC	CA	R43AI075793	MULTIPLEX TB-M.AVIUM COMPLEX FLUORESCENT IN SITU HYBRIDIZATION ASSAY, DIRECT FROM	\$0
2009	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI084145	RAI CONDOM: FEASIBILITY & ACCEPTABILITY STUDY, PHASE 1 PILOT CLINICAL RESEARCH	\$0
2009	STANFORD UNIVERSITY	CA	F32AI081448	PATHOGEN DETECTION SIGNALING NETWORK ANALYSIS OF SELECTIVITY AND SENSITIVITY	-\$9,342
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	\$253,171
2009	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI033940	CONTROL OF PRECURSOR THYMOCYTE DIFFERENTIATION	\$0
2009	ICHOR MEDICAL SYSTEMS	CA	R43AI084263	DEVELOPMENT OF A VEEV, WEEV, EEEV DNA VACCINE DELIVERED BY ELECTROPORATION	\$0
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$0
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI067395	IMMUNOLOGICAL SECRETOMES OF THE EARLY ANTHRAX INFECTION	-\$25,089

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2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI060614	MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$0
2009	STANFORD UNIVERSITY	CA	F32AI080093	RECONSTITUTION OF POLIOVIRUS AND HCV RNA REPLICATION COMPLEXES ON MEMBRANES	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080397	ASSESSING THE CLINICAL CONSEQUENCES OF HIV DRUG RESISTANCE	\$0
2009	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065841	DISSECTING THE HLA CONTRIBUTION TO RHEUMATOID ARTHRITIS	\$36,548
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$0
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067395	IMMUNOLOGICAL SECRETOMES OF THE EARLY ANTHRAX INFECTION	\$25,089
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$0
2009	ARBOR VITA CORPORATION	CA	R44AI068160	DEVELOPMENT OF AN E6 BASED RAPID STRIP TEST COMMERCIAL PROTOTYPE FOR CERVICAL CAN	\$0
2009	ARIDIS PHARMACEUTICALS LLC	CA	R43AI081400	INHALABLE GALLIUM NITRATE ANTI-INFECTIVE POWDER FOR CF	\$0
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$0
2009	AVIDBIOTICS CORPORATION	CA	R44AI066449	NON-CLINICAL DEVELOPMENT OF BACTERICIDAL PROTEINS TARGETING PLAGUE	\$0
2009	STANFORD UNIVERSITY	CA	R01AI085024	GENE AND CYTOKINE EXPRESSION IN TOLERANCE AND GVHD	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	R37AI055332	Antibody Effector Function in Protection Against HIV-1	\$0
2009	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R56AI040635	ESCHERICHIA COLI INVASION OF BRAIN ENDOTHELIAL CELLS	\$0
2009	IGE THERAPEUTICS INC	CA	R43AI082770	BI-FUNCTIONAL THERAPEUTICS FOR ALLERGY-BFTA	\$0
2009	UNIVERSITY OF CALIFORNIA	CA	R56AI080931	CHEMICAL STUDIES IN BACTERIAL CELL BIOLOGY	\$0
2009	PROSCI INC	CA	R43AI078829	HIGH MANNOSE TYPE CARBOHYDRATE-BASED HIV/AIDS VACCINE	\$0
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI070453	XENOBIOTICS, OXIDATIVE STRESS AND ALLERGIC INFLAMMATION	\$0
2009	PLANET BIOTECHNOLOGY INC	CA	R44AI053005	NOVEL THERAPY FOR PULMONARY ANTHRAX	\$0
2009	MAXYGEN INC	CA	P01AI056375	DEVELOPMENT OF NOVEL IMMUNOGENS FOR VACCINES TO HIV-1	-\$992,252

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	-\$55,467
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$0
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI080095	SINGLE-MOLECULE STUDIES OF HOST FACTOR FUNCTION IN HIV-1 REV-RRE COMPLEX ASSEMBLY	-\$13,120
2009	CEDARS-SINAI MEDICAL CENTER	CA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	\$388,649
2009	MAXYGEN INC	CA	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	P01AI059576	SARS CORONAVIRUS: INHIBITION OF ENTRY	\$0
2009	COLORADO STATE UNIVERSITY	CO	R21AI080567	USE OF CELL PHONES FOR FIELD DATA CAPTURE IN A DENGUE DECISION SUPPORT SYSTEM	\$0
2009	INVIRAGEN LLC	CO	R43AI084291	SECOND GENERATION DENGUE VACCINE	\$0
2009	PRECISION PHOTONICS CORP	CO	R44AI070052	LOW COST LASER DIAGNOSTIC FOR CD4+ T CELL COUNTING	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	U19AI050864	BENAROYA RESEARCH INSTITUTE/UCDHSC AUTOIMMUNE COOPERATIVE STUDY GROUP	\$0
2009	PRECISION PHOTONICS CORP	CO	R44AI068543	LOW COST MULTI-PATHOGEN LASER DIAGNOSTIC FOR HIV AND AIDS CO-INFECTIONS	\$0
2009	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$0
2009	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084301	GM-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$0
2009	COLORADO COLLEGE	CO	R15AI084075	GLYCODIVERSIFICATION OF ANGUICYCLINE ANTIBIOTICS	-\$184,251
2009	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084288	LONG-ACTING G-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$0
2009	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$0
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$0
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI064029	SEX AND DISEASE DEPENDENT NUCLEOSIDE ANALOG TOXICITY	\$97,733
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$0
2009	INDEVV LLC	CO	U01AI070276	ADVANCED MICROARRAY TECHNOLOGY FOR PATHOGEN SURVEILLANCE	\$0
2009	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	-\$19,587

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2009	YALE UNIVERSITY	CT	F32AI081449	IFN-INDEPENDENT ANTIVIRAL MECHANISMS OF PLASMACYTOID DENDRITIC CELLS	-\$46,826
2009	YALE UNIVERSITY	CT	R37AI033443	REGULATION OF NF-KB AND 1KB PROTEINS	-\$384,938
2009	L2DIAGNOSTICS, LLC	CT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$0
2009	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$95,082
2009	YALE UNIVERSITY	CT	F32AI069785	MODULATION OF THE PHAGOLYSOSOME BY SALMONELLA	-\$27,914
2009	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$0
2009	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	-\$10,751
2009	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI063348	REGULATION AND FUNCTION OF MEKK3 IN DENDRITIC CELLS	\$38,485
2009	YALE UNIVERSITY	CT	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	-\$41,349
2009	YALE UNIVERSITY	CT	R21AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$0
2009	YALE UNIVERSITY	CT	P01AI064343	PERIPHERAL MECHANISMS OF IMMUNOLOGIC TOLERANCE	\$0
2009	YALE UNIVERSITY	CT	R01AI066109	REGULATION OF NF-KB TRANSCRIPTIONAL ACTIVITY	-\$157,367
2009	YALE UNIVERSITY	CT	U19AI065866	INTERVENABLE HOST LEISHMANIA (VIANNIA) INTERACTIONS	\$103,961
2009	YALE UNIVERSITY	CT	R03AI080993	CHARACTERIZATION OF AN ANAPLASMA PHAGOCYTOPHILUM PROTEIN INTERFERING WITH EUKARYO	\$0
2009	GEORGETOWN UNIVERSITY	DC	R01AI062854	ROLE OF RAG1 UBIQUITIN LIGASE ACTIVITY IN RECOMBINATION	\$0
2009	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$0
2009	GEORGETOWN UNIVERSITY	DC	R34AI085193	THE NOSES TRIAL, NASAL IRRIGATION, ORAL STEROIDS, ANTIBIOTICS AND SUBGROUP TARGET	\$0
2009	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$0
2009	UNIVERSITY OF FLORIDA	FL	R01AI068803	PROSPECTIVE STUDIES OF AVIAN INFLUENZA TRANSMISSION IN ASIA	\$70,664
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI076881	ROLE OF THE LISTERIA PROTEIN INLC AND ITS HOST LIGAND TUBA IN CELL-CELL SPREAD	-\$131,774
2009	UNIVERSITY OF FLORIDA	FL	T32AI060527	BIODEFENSE AND EMERGING INFECTIOUS DISEASES (BEID)	\$0
2009	UNIVERSITY OF FLORIDA	FL	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	\$110,240

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF FLORIDA	FL	RC1AI081274	A NOVEL MITIGATOR FOR RADIATION LUNG INJURY	\$852,365
2009	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$0
2009	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$0
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$83,999
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$0
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$0
2009	UNIVERSITY OF MIAMI	FL	R03AI078822	MODULATION OF HIV-1 INFECTION BY CCL18	\$0
2009	EMORY UNIVERSITY	GA	R01AI034000	MHC CLASS II TRANSACTIVATOR FUNCTION AND REGULATION	\$0
2009	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$36,885
2009	EMORY UNIVERSITY	GA	R21AI079539	CURCUMIN: A MULTI-MECHANISM HIV MICROBICIDE	\$175,323
2009	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$127,544
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI061356	MECHANISM OF TRNA IMPORT INTO TRYPANOSOME MITOCHONDRIA	\$34,300
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$30,452
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI074846	TEMPORAL AND SPATIAL PROFILING OF GENE EXPRESSION DURING POLAR GROWTH OF ASPERGIL	\$0
2009	EMORY UNIVERSITY	GA	U01AI089317	CLINICAL REFINEMENT OF ISLET TRANSPLANTATION	\$0
2009	EMORY UNIVERSITY	GA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	-\$220,000
2009	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$0
2009	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$0
2009	GENETAG TECHNOLOGY INC	GA	R43AI081511	NOVEL UNIVERSAL PROBES FOR MULTI-TARGET QPCR DETECTION OF AVIAN FLU	\$0
2009	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$0
2009	EMORY UNIVERSITY	GA	F32AI080175	CELL DEATH SUPPRESSION IN CYTOMEGALOVIRUS PATHOGENESIS	\$0
2009	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$68,405

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2009	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI055225	RECOMBINANT SUBUNIT VACCINE FOR TICK-BORNE ENCEPHALITIS	\$0
2009	UNIVERSITY OF IOWA	IA	R01AI068803	PROSPECTIVE STUDIES OF AVIAN INFLUENZA TRANSMISSION IN ASIA	-\$111,686
2009	UNIVERSITY OF IOWA	IA	R01AI068885	NOVEL THERAPEUTIC APPROACHES FOR ELIMINATING HEPATITIS B VIRUS DNAS AND RNAS	\$0
2009	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$0
2009	UNIVERSITY OF IOWA	IA	R01AI049993	TRAF REGULATION AND RECEPTOR INTERACTIONS IN TNFR FAMILY SIGNALS	\$0
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$196,839
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI066709	LACTOBACILLI: BLOCKING HIV/HSV BY MANNOSE BINDING	\$0
2009	UNIVERSITY OF CHICAGO	IL	T32AI065382	BIODEFENSE TRAINING IN HOST-PATHOGEN INTERACTIONS	\$0
2009	UNIVERSITY OF CHICAGO	IL	R56AI080703	HEPATITIS C VIRUS TRAFFICKING IN INFECTED HEPATOCYTES	\$0
2009	UNIVERSITY OF CHICAGO	IL	F31AI073227	ROLE OF THE DEUBIQUITINATING ENZYME AMSH	-\$6,992
2009	NORTHWESTERN UNIVERSITY	IL	U01AI089316	CLINICAL ISLET TRANSPLANTATION AT NORTHWESTERN	\$0
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$0
2009	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$27,625
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI059570	ELUCIDATING THE ENTRY MECHANISM OF EBOLA VIRUSES	\$0
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI080528	INFLAMMATORY RESPONSE AFTER COMBINED INSULT OF RADIATION AND BURN INJURY	\$0
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI042015	REGULATION OF THE POLY SIALIC VIRULENCE FACTOR	\$0
2009	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$0
2009	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$0
2009	UNIVERSITY OF CHICAGO	IL	R56AI081987	INVESTIGATING THE CATALYTIC MECHANISM OF THE HDV RIBOZYME	\$0
2009	HOWARD BROWN HEALTH CENTER	IL	U01AI035039	Multicenter AIDS Cohort Study	\$0
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$0
2009	NORTHWESTERN UNIVERSITY	IL	R56AI056346	ALPHA-HERPEVIRUS TRANSPORT IN AXONS	\$0
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$31,707

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2009	PURDUE UNIVERSITY	IN	R56AI080769	MIGRATION AND FUNCTION OF TH17 CELLS IN THE GUT	\$0
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI065898	ANTIBACTERIAL METHIONINE AMINOPEPTIDASE INHIBITORS	\$0
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$0
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI080877	THE REGULATION OF INFLAMMATION AND PHAGOCYTOSIS BY CD93	\$0
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	T32AI070089	GRADUATE TRAINING PROGRAM IN MULTIDIMENSIONAL VACCINOGENESIS	\$0
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI082697	BIOMECHANICAL AND COMPUTATIONAL MOLECULAR DESIGN OF MICROBICIDE DELIVERY SYSTEMS	\$0
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI076169	ANTIVIRAL LECTINS AS MICROBICIDES	\$393,377
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI079442	MHC-IB RESTRICTED T CELL RESPONSES AGAINST LISTERIA MONOCYTOGENES	\$0
2009	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	-\$677,538
2009	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R44AI082778	PEPTIDE INHBITORS OF INFLUENZA ENTRY-FAST TRACK	\$0
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$328,757
2009	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI074058	INFORMED CONSENT IN ILLITERATE SUBJECTS	\$0
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI072350	CHARACTERIZATION OF ALPHAVIRUS INFECTION RECEPTORS	-\$183,125
2009	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$0
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$0
2009	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI065325	PATHOGENESIS OF NEW SIVSM LINEAGES IN RHESUS MACAQUES	-\$263,854
2009	SCHEPENS EYE RESEARCH INSTITUTE	MA	R01AI072360	E. faecalis Pathogenicity Island	-\$269,192
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI059010	MOUSE MODEL FOR SEPSIS	\$0
2009	BETH ISRAEL HOSPITAL	MA	R01AI020241	HUMAN EOSINOPHILS: MECHANISMS OF FUNCTIONING	\$39,532
2009	DANA-FARBER CANCER INSTITUTE	MA	U19AI029530	IMMUNE MODULATION/HEMATOPOIETIC CELL TRANSPLANTATION	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057027	MARKERS OF VIRAL SET POINT IN PRIMARY HIV-1C INFECTION	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$0
2009	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$0

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2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI078445	MAPK PHOSPHATASES AND INNATE IMMUNITY	\$0
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI084167	Regulation of store-operated Ca ²⁺ entry: STIM and ORAI	-\$630,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI057786	EPIDEMIOLOGY OF MULTIDRUG-RESISTANT TUBERCULOSIS IN PERU	\$0
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI084011	GENETIC EPIDEMIOLOGY OF LIFE-THREATENING INFLUENZA INFECTION IN CHILDREN	\$0
2009	BOSTON UNIVERSITY	MA	U01AI067146	HLA REGION GENETICS AND SLE IN U.S. BLACK WOMEN	\$29,942
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI058707	NASAL SIV VACCINATION IN FEMALE MACAQUES/AIDS PREVENTION	\$50,694
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$0
2009	BETH ISRAEL HOSPITAL	MA	U19AI066305	NOVEL ADENOVIRUS VECTOR-BASED VACCINES FOR HIV-1	\$166,441
2009	IMMUNE DISEASE INSTITUTE INC	MA	U19AI070302	AN SIRNA-BASED MICROBICIDE TO PREVENT HIV TRANSMISSION	\$0
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI078942	DISEASE INITIATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$30,820
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	\$47,445
2009	BOSTON UNIVERSITY	MA	R21AI081596	MECHANISM OF HIV-1 ATTACHMENT TO DENDRITIC CELLS	\$0
2009	DETECTOGEN INC	MA	R43AI084259	ANTIGEN DETECTION ASSAY FOR THE DIAGNOSIS OF VISCERAL LEISHMANIASIS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI065425	EICOSANOID PRODUCTION BY INFECTED LUNG EPITHELIAL CELLS	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI061246	DNA MINOR GROOVE-BINDING DRUGS AND FOOD-BORNE PATHOGENS	\$42,051
2009	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$0
2009	BETH ISRAEL HOSPITAL	MA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$83,048
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI029673	TRANSCRIPTIONAL CONTROL OF HUMAN T CELL RECEPTOR GENES	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$0
2009	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$0

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2009	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067653	POLYMYXIN-RESISTANT PSEUDOMONAS IN CF LUNG INFECTION	\$580,593
2009	DANA-FARBER CANCER INSTITUTE	MA	K08AI078942	DISEASE INITATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$2,034
2009	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$0
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI069732	DISSECTING MECHANISMS OF HOST MANIPULATION BY PATHOGENS	-\$6,878
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063421	INTEGRIN LFA-1 ANTAGONISTS	\$43,951
2009	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI047389	RAPAMYCIN-INSENSITIVE SIGNALING BY RICTOR-MTOR	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI024643	STATISTICAL METHODS IN AIDS RESEARCH	\$31,243
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI062983	MUCOSAL COLONIZATION AND DISSEMINATION OF P. AERUGINOSA	-\$93,536
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI069516	WESTERN NEW ENGLAND MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS UNIT	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069456	BOTSWANA-HARVARD SCHOOL OF PUBLIC HEALTH AIDS INITIATIVE PARTNERSHIP CTU	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062412	PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV	\$0
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI063998	IDENTIFYING HIV AND RELATED STIGMA IN RURAL HAITI	\$0
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K99AI075285	CENTRAL NERVOUS SYSTEM AUTOIMMUNITY AND IMMUNOREGULATION IN THE ZEBRAFISH	\$0
2009	IMMUNE DISEASE INSTITUTE INC	MA	K99AI083793	GLOBAL ANALYSIS OF HNRNPLL-MEDIATED ALTERNATIVE PRE-MRNA SPLICING IN LYMPHOCYTES.	\$0
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI081429	T-BET REGULATES CD4 MEMORY TO BACTERIAL INFECTION WITH C. TRACHOMATIS	\$0
2009	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	-\$9,923
2009	TUFTS UNIVERSITY	MA	R56AI083369	OLIGONUCLEOTIDE-BASED THERAPY FOR HUS	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$0
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$0
2009	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$0

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2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI073425	DETECTION OF BACTERIA USING NANOPARTICLE-POLYMER SENSORS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI068458	THE EFFICACY AND IMPACT OF ROUTINE HIV AND TB TESTING IN DURBAN, SOUTH AFRICA	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI072973	ANERGIZING EFFECT OF NK CELL RECEPTOR EXPRESSION ON HIV-SPECIFIC CD8+ T CELLS	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	-\$112,320
2009	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$0
2009	BOSTON UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	-\$353,206
2009	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$0
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$39,764
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOIMMUNOMICS AND VIBRIO CHOLERAEE VACCINE DEVELOPMENT	\$0
2009	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$0
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI067722	MECHANISMS OF PEANUT (A. HYPOGAEA) GLYCAN ADJUVANTICITY.	\$82,260
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI072044	GENETIC CONTROL OF IL-1 AND ITS ROLE IN INFLAMMATORY ARTHRITIS	-\$119,304
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	-\$256,980
2009	BOSTON UNIVERSITY	MA	R01AI058107	PRIMATE MODEL AND PATHOGENESIS OF ANTHRAX SEPSIS	\$48,574
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$0
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	-\$16,818
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$54,914
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$0

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2009	BETH ISRAEL HOSPITAL	MA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$764,251
2009	BETH ISRAEL HOSPITAL	MA	U01AI066331	THROMBOREGULATORY STRATEGIES TO PROLONG XENOGRAFT SURVIVAL.	\$0
2009	BOSTON UNIVERSITY	MA	U01AI075386	SHIGA-TOXINS: PRE-CLINICAL ANIMAL MODEL DEVELOPMENT AND THERAPEUTIC TESTING	\$0
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$77,213
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI076798	ROLE OF CHEMOKINES IN ASTRO-NEURONAL ACTIVATION IN CEREBRAL MALARIA	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$44,397
2009	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069465	JOHNS HOPKINS AIDS CLINICAL TRIALS UNIT	\$138,281
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI070921	GENOMIC TOOLS FOR STUDYING THE ECOLOGY OF THE HUMAN VAGINAL MICROFLORA	\$0
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$0
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI077910	BIVALENT RECOMBINANT LHN BOTULINUM VACCINE (SEROTYPES A AND B)	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI044824	CLINICAL TRIAL OF CHLOROQUINE COMBINATIONS IN MALAWI	\$0
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI070812	GENE DRIVE POTENTIAL OF TRANSPOSABLE ELEMENTS IN ANOPHELES GAMBIAE.	-\$200,279
2009	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$0
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI080553	CIPROFLOXACIN ENHANCES DNA REPAIR CAPACITY AFTER RADIATION COMBINED INJURY	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI065683	MALARIA VACCINE TRIALS IN MALI	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI070638	DEVELOPMENT OF AN ADHESIN-TOXOID CHIMERA VACCINE FOR ENTEROTOXIGENIC E. COLI	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$0
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$0
2009	GENVEC INC	MD	R44AI063819	PRODUCTION OF ADENOVECTOR BASED VACCINES	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI074594	ACUTE HIV INFECTION AND PREGNANCY	\$0
2009	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI069760	FASEB SUMMER CONFERENCE ON MICROBIAL POLYSACCHARIDES	\$0
2009	UNIVERSITY OF MARYLAND	MD	R01AI070812	GENE DRIVE POTENTIAL OF TRANSPOSABLE ELEMENTS IN ANOPHELES GAMBIAE.	\$200,279
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGE	\$0
2009	UNIVERSITY OF MARYLAND	MD	F32AI069785	MODULATION OF THE PHAGOLYSOSOME BY SALMONELLA	\$27,914
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059775	REGULATION OF MYELOID DEVELOPMENT AND FUNCTION BY II-4	\$31,080
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI065612	MICROBIAL RECOGNITION BY INNATE IMMUNE RECEPTORS	\$0
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI067530	BIOCHEMISTRY OF PHENAZINE PRODUCTION IN PSEUDOMONAS AERUGINOSA	-\$115,507
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079282	USING PROTEIN-DNA CHIMERAS FOR HAT DIAGNOSIS	\$0
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI059733	GIARDIA DRUG TARGETS: STRUCTURE, FUNCTION AND INHIBITORS	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI075115	CIRCUMCISION: HIV/STIS AND BEHAVIORS IN A RCT AND POST-RCT SURVEILLANCE; RAKAI	\$0
2009	IMQUEST BIOSCIENCES INC	MD	R21AI079772	DEVELOPMENT OF A NOVEL SEMEN-ACTIVATED PRODRUG AS AN ANTI-HIV MICROBICIDE	\$0
2009	UNIVERSITY OF MARYLAND	MD	R01AI067530	BIOCHEMISTRY OF PHENAZINE PRODUCTION IN PSEUDOMONAS AERUGINOSA	\$115,507

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2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U19AI045432	INNOVATIVE APPROACHES TO TUBERCULOSIS CONTROL	\$0
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI070346	DEV. OF OPTIMIZED/ADJUVANTED SMALLPOX DNA VACCINE (GENE GUN)	\$0
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$0
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI070486	ANTHRAX IMMUNE GLOBULIN TO PREVENT & TREAT ANTHRAX: ADVANCED PRODUCT DEVELOPMENT	\$0
2009	JACKSON LABORATORY (THE)	ME	K08AI060707	NOVEL GENE CONTROL OF LYMPHOID TISSUE DEVELOPMENT	\$0
2009	MICHIGAN STATE UNIVERSITY	MI	U01AI045955	REDEFINING CEREBRAL MALARIA	\$0
2009	UNIVERSITY OF MICHIGAN	MI	R21AI079539	CURCUMIN: A MULTI-MECHANISM HIV MICROBICIDE	-\$180,160
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064748	ROLE OF IPAF IN INFLAMMATION AND HOST DEFENSE	\$0
2009	WAYNE STATE UNIVERSITY	MI	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	-\$332,383
2009	RAPID BIOSENSE LLC	MI	R43AI081397	RAPID, LOW COST, POINT-OF-CARE DIAGNOSTIC DEVICE FOR GROUP B STREPTOCOCCUS	\$0
2009	UNIVERSITY OF MICHIGAN	MI	R01AI087128	DEK AND TNF INHIBITORS IN JUVENILE ARTHRITIS	\$0
2009	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$32,789
2009	UNIVERSITY OF MINNESOTA	MN	R01AI038474	Adapter proteins and integrin function	\$31,289
2009	UNIVERSITY OF MINNESOTA	MN	U19AI067151	PIG TO NON-HUMAN PRIMATE ISLET XENOGRAFTS	\$0
2009	UNIVERSITY OF MINNESOTA	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$52,806
2009	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$0
2009	HUMANETICS CORPORATION	MN	R43AI082790	DEVELOPMENT OF CYSTEAMINE AS A MEDICAL RADIATION COUNTERMEASURE	\$0
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI081829	GENE STRUCTURE VARIATIONS AND MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$0
2009	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$34,198
2009	UNIVERSITY OF MINNESOTA	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$0
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$36,665

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2009	UNIVERSITY OF MINNESOTA	MN	U01AI069550	CLINICAL CENTER - OUTCOMES OF LIVE ORGAN DONORS	\$0
2009	UNIVERSITY OF MINNESOTA	MN	U01AI070380	DEVELOPING EPICUTANEOUS VACCINE APPROACHES FOR PROTECTIVE IMMUNITY	\$0
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	K23AI073192	IMMUNE RECONSTITUTION SYNDROME IN HIV INFECTED PERSONS IN RESOURCE-LIMITED AREAS	\$0
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R34AI081554	TRIAL FOR THE OPTIMAL TIMING OF HIV THERAPY AFTER CRYPTOCOCCAL MENINGITIS	\$0
2009	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$0
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$0
2009	UNIVERSITY OF MINNESOTA	MN	U01AI058013	LONG-TERM DETERIORATION OF KIDNEY ALLOGRAFT FUNCTION	\$182,292
2009	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$0
2009	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$0
2009	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$32,022
2009	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$35,579
2009	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$32,022
2009	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$0
2009	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DIESEASES	\$0
2009	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$0
2009	WASHINGTON UNIVERSITY	MO	U01AI070374	A DIAGNOSTIC MICROARRAY FOR HEMORRHAGIC FEVER ENCEPHALITIS VIRUSES	\$0
2009	WASHINGTON UNIVERSITY	MO	UH2AI083265	THE NEONATAL MICROBIOME AND NECROTIZING ENTEROCOLITIS	\$0
2009	WASHINGTON UNIVERSITY	MO	R56AI055849	SCT PROBES FOR VIRAL IMMUNITY	\$0
2009	WASHINGTON UNIVERSITY	MO	R01AI061173	T CELL RECOGNITION OF ALLOGENEIC PEPTIDE/MHC LIGANDS	\$0
2009	WASHINGTON UNIVERSITY	MO	U19AI065715	RESEARCH FOR THE ELIMINATION OF LYMPHATIC FILARIASIS	\$0
2009	WASHINGTON UNIVERSITY	MO	K08AI079011	MOLECULAR MECHANISMS OF GAMMAHERPESVIRUS LATENCY AND REACTIVATION	-\$84,448
2009	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R21AI079345	VIRULENCE GENE DISCOVERY IN OUTBREAK-ASSOCIATED PNEUMOCOCCI	\$149,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076685	A REPORTER TRANSPOSON FOR STUDYING EXPORTED PROTEINS OF M. TUBERCULOSIS	\$19,152

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2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI047707	BASIS AND MODULATION OF THE INNATE IMMUNE DEFECT IN FIV	\$61,329
2009	ALPHAVAX HUMAN VACCINES INC	NC	U01AI074535	ALPHAVIRUS REPLICON VECTORS AS DOSE-SPARING ADJUVANTS FOR INFLUENZA VACCINES.	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$553,804
2009	QUINTILES FEDERATED SERVICES INC	NC	U01AI069464	QUINTILES CLINICAL TRIAL UNIT FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$88,662
2009	DUKE UNIVERSITY	NC	R01AI046611	BIOORGANIC MECHANISM OF PEPTIDE ANTIBIOTICS	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$198,736
2009	DUKE UNIVERSITY	NC	R21AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI053593	THE IMMUNOBIOLOGY OF THE HEMOGLOBIN RECEPTOR OF H. DUCREYI	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$168,758
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	\$370,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033331	NEF FUNCTION	\$385,074
2009	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$29,720
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$0
2009	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$4,182,840
2009	DUKE UNIVERSITY	NC	R01AI050483	POLY-FUNCTIONAL ANALYSES OF VACCINE-INDUCED T CELL RESPONSES	\$150,000
2009	ALPHAVAX HUMAN VACCINES INC	NC	U01AI078010	DOSE OPTIMIZATION, PRODUCTION & TOX TESTING OF REPLICON-VACCINES FOR SMALLPOX	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$0
2009	DUKE UNIVERSITY	NC	R01AI065301	EFFECT OF APOBEC3G ON RETROVIRUSES AND RETROTRANSPOSONS	\$32,547
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI043986	GENETIC ANALYSIS OF BORDETELLA PATHOGENESIS	\$72,517

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2009	APPLIED BIOSCIENCE INTERNATIONAL, PPD DEVELOPMENT	NC	U01AI067075	DATA COORDINATING CENTER FOR ORGAN TRANSPLANT CLINICAL *	\$0
2009	AFFINERGY INC	NC	R44AI082540	POINT OF CARE ATTACHMENT OF ANTIBIOTICS ONTO METAL IMPLANTS	\$0
2009	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$56,364
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076159	HUMAN CORONAVIRUSES AS MULTIGENE MUCOSAL VACCINE VECTORS FOR HIV	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071767	HIV GENOMIC RNA STRUCTURE IN VITRO AND IN VIRIO	-\$51,278
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$0
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	-\$74,302
2009	GLOBAL VACCINES INC	NC	U01AI070976	A NOVEL SYSTEMIC AND MUCOSAL ADJUVANT FOR BIODEFENSE	\$0
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$55,467
2009	DUKE UNIVERSITY	NC	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$0
2009	ALTRAVAX INC	ND	P01AI056375	DEVELOPMENT OF NOVEL IMMUNOGENS FOR VACCINES TO HIV-1	\$992,252
2009	ALTRAVAX INC	ND	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$300,000
2009	NORTH DAKOTA STATE UNIVERSITY	ND	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	\$179,375
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI075167	ESTROGEN RECEPTOR A REGULATION OF LUPUS DEVELOPMENT & PATHOGENESIS	\$0
2009	IMMURX INC	NH	R43AI077229	POTENT VACCINE ADJUVANT THERAPEUTIC	\$30,058
2009	DARTMOUTH COLLEGE	NH	R21AI075931	REGULATED VIRULENCE AND CYST MATURATION IN TOXOPLASMA GONDII	\$0
2009	DARTMOUTH COLLEGE	NH	R33AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$0
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$0
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$0
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI066561	A RAPID AND EXPANDABLE NUCLEIC ACID PLATFORM TO DETECT BLOODSTREAM INFECTIONS	\$72,359
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$0
2009	SNOWDON INC	NJ	R43AI078763	DEVELOPMENT OF AN INHIBITOR OF TOXOPLASMA GONDII	\$0

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2009	MESA TECH INTERNATIONAL INC	NM	R01AI072334	NUCLEIC ACID DIPSTICK FOR RAPID AVIAN FLU DETECTION AT POINT-OF-CARE	\$0
2009	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	U01AI074561	T5000 DIAGNOSTIC SYSTEM IN FERRET MODEL OF INFLUENZA	\$0
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	P01AI056295	PULMONARY RESPONSES TO BIOWEAPON CATEGORY A PATHOGENS	\$0
2009	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$30,347
2009	CUNY, RESEARCH FOUNDATION	NY	R01AI060014	CATALYSIS OF ISONIAZID ACTION BY M TUBERCULOSIS KATG	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI066109	REGULATION OF NF-KB TRANSCRIPTIONAL ACTIVITY	\$195,388
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R37AI033443	REGULATION OF NF-KB AND 1KB PROTEINS	\$372,843
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$0
2009	NATIONAL DEVELOPMENT & RESEARCH INSTITUTES, INC	NY	R01AI070005	PEER-DRIVEN INTERVENTION TO ENROLL MINORITIES/WOMEN IN HIV/AIDS CLINICAL TRIALS	\$0
2009	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$0
2009	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$250,528
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI067722	MECHANISMS OF PEANUT (A. HYPOGAEA) GLYCAN ADJUVANTICITY.	-\$82,260
2009	APPLIED BIOMATHEMATICS, INC	NY	R44AI077146	OUTBREAK DETECTION:COMBINATORIAL TESTS FOR SMALL SAMPLES	\$0
2009	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$0
2009	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$0
2009	UNIVERSITY OF ROCHESTER	NY	R01AI041387	IMPACT OF NNRTI-RESISTANCE ON RNASE H & HIV REPLICATION	\$0
2009	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$27,717
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI061679	ROLE OF CALCIUM SIGNALING IN HSV-2 INVASION	\$0
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI067138	DETERMINANTS OF HOST ADAPTATION IN A MACACA NEMESTRINA-ADAPTED HIV-2 ISOLATE	-\$43,885

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2009	POPULATION COUNCIL, INC	NY	U19AI065412	ZCM: A NOVEL BROAD-SPECTRUM MICROBICIDE FOR STIS	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$0
2009	TECHNOVAX INC	NY	R44AI063830	DEVELOPMENT OF INFLUENZA VIRUS-LIKE PARTICLE (VLP) VACCINES	\$0
2009	CORNELL UNIVERSITY	NY	F32AI084436	SYNAPTOTAGMIN A AND C IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$0
2009	TRUDEAU INSTITUTE	NY	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	-\$750,288
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007623	PHYSICIAN SCIENTIST RESEARCH TRAINING IN PATHOGENESIS OF VIRAL DISEASES	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI044893	PATHWAYS REGULATING AMOEBIC CYST FORMATION	\$39,299
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$249,000
2009	UNIVERSITY OF ROCHESTER	NY	U19AI067733	CENTER FOR BIOPHYSICAL ASSESSMENT AND RISK MANAGEMENT FOLLOWING IRRADIATION	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$0
2009	UNIVERSITY OF ROCHESTER	NY	F31AI071380	MODIFIED LAMBDA PHAGE FOR HIV VACCINE DELIVERY	-\$10,405
2009	UNIVERSITY OF ROCHESTER	NY	RC1AI081274	A NOVEL MITIGATOR FOR RADIATION LUNG INJURY	-\$940,734
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$80,285
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U54AI057158	Northeast Biodefense Center	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	-\$47,445

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2009	NEW YORK MEDICAL COLLEGE	NY	R21AI079345	VIRULENCE GENE DISCOVERY IN OUTBREAK-ASSOCIATED PNEUMOCOCCI	-\$159,000
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI071815	HIV ENV-INDUCED SYNAPSE AND SIGNALING	\$0
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI069209	MYCOBACTERIAL PDIM/PGL: SYNTHESIS PATHWAY AND INHIBITION	\$31,342
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	F31AI080184	THE ROLE OF E2-2 IN THE DEVELOPMENT AND FUNCTION OF PLASMACYTOID DENDRITIC CELLS	\$0
2009	PROGENICS PHARMACEUTICALS, INC	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$0
2009	MERCIA PHARMA INC	NY	R41AI074114	THERAPEUTIC VACCINE FOR ASTHMA	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	-\$107,024
2009	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$0
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$0
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI066116	REGULATORY MODULES IN NORMAL AND TRANSFORMED B-CELLS	\$0
2009	UNIVERSITY OF ROCHESTER	NY	R01AI063353	T CELL RESPONSES TO LIVER ANTIGENS	\$0
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24 a novel inhibitor of interferon and oxidative stress signaling	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$0
2009	UNIVERSITY OF ROCHESTER	NY	R01AI072139	NEW VACCINE AGAINST INFLUENZA	\$0
2009	COLD SPRING HARBOR LABORATORY	NY	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	-\$198,159
2009	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$54,164
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$0
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$0
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI077242	INTERFERON GAMMA REGULATION OF CD4 T CELL RESPONSES IN TUBERCULOSIS	\$0
2009	BIOPEPTIDES INC	NY	R44AI074092	MULTI-ANTIGEN PEPTIDE ASSAY FOR THE SERODIAGNOSIS OF LYME DISEASE	\$0
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$0
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	\$112,320

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	COLD SPRING HARBOR LABORATORY	NY	R13AI084255	CSHL CONFERENCE ON MICROBIAL PATHOGENESIS AND HOST RESPONSE	\$0
2009	SIGA TECHNOLOGIES, INC	NY	R44AI075747	ST-246 TREATMENT OF SMALLPOX VACCINE-RELATED ADVERSE EVENTS	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$31,517
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$224,435
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$0
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI055649	NORWALK-LIKE VIRUSES AND THEIR RECEPTORS	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI065717	MASS DRUG TREATMENT AND VECTOR CONTROL OF FILARIASIS	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076792	MYCOBACTERIUM TUBERCULOSIS PHAGOSOME MATURATION	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI052458	ALTERED M. TUBERCULOSIS MANNOSYLATION AND THE MACROPHAGE	\$35,541
2009	CLEVELAND STATE UNIVERSITY	OH	R01AI059267	MECHANISMS OF RNA VIRUS-HOST INTERACTION	\$6,178
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	-\$205,483
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI083335	VIRULENCE FACTOR DISCOVERY IN THE SECRETED PROTEOME OF HISTOPLASMA CAPSULATUM	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$95,720
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$0
2009	CARBOGENE USA	OH	R43AI082873	RESEARCH AND DEVELOPMENT OF A NOVEL SYSTEM TO PRODUCE POLYSACCHARIDE CONJUGATE VA	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI066208	BILE, BIOFILMS AND SALMONELLA GALLBLADDER CARRIAGE	\$36,787
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064320	MIGRATION INHIBITORY FACTOR IN THE PROGRESSION OF EAE	\$35,602

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2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI062520	Structure and function of HIV-1 integrase	\$32,468
2009	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	-\$732,159
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$0
2009	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	-\$3,335
2009	Research Institute at Nationwide's Children's Hospital	OH	R21AI073597	VISUALIZING INTERFERON-BETA INDUCTION IN VIVO	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R00AI073856	REMODELING OF THE M. TUBERCULOSIS CELL WALL BY THE HOST MICROENVIRONMENT	\$9,019
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI067150	HLA/KIR REGION GENETICS IN PEDIATRIC ARTHRITIS	\$0
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI068493	MECHANISMS UNDERLYING DENDRITIC CELL-MEDIATED HIV TRANSMISSION	\$232,349
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074740	ACUTE HUMORAL REJECTION OF RENAL ALLOGRAFTS	\$0
2009	Research Institute at Nationwide's Children's Hospital	OH	U19AI048231	HCV REPLICATION AND IMMUNITY	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI076981	BASIC AND COMPARATIVE STUDIES OF CCR5 INHIBITION TO PREVENT HIV TRANSMISSION	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	T32AI065411	INTERDISCIPLINARY STUDY OF THE MICROBE-HOST INTERFACE	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$0
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRLICHIOSIS	\$0
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$37,500
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$0
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$0
2009	UNIVERSITY OF TULSA	OK	K25AI064625	CYTOKINE SIGNALING NETWORK RESPONSE TO SMALLPOX VACCINE	\$39,676
2009	UNIVERSITY OF TULSA	OK	R56AI080932	MACHINE LEARNING ANALYSIS OF GENETIC MODULATORS OF VACCINE IMMUNE RESPONSE	\$0
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	-\$55,000

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2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$0
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$0
2009	OREGON STATE UNIVERSITY	OR	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	-\$233,198
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$0
2009	WISTAR INSTITUTE	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI073015	ANTIBIOTIC USE AND ADVERSE EVENTS	-\$4,769
2009	WISTAR INSTITUTE	PA	U01AI065279	ANTIVIRAL ACTIVITY OF PEG-IFN ALPHA IN CHRONIC HIV-1	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI077014	ROLE OF ISG15 IN INHIBITION OF EBOLA VIRUS BUDDING	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI062789	EXPRESSION AND FUNCTION OF THE TLRs ON T CELLS	\$70,561
2009	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$90,613
2009	WISTAR INSTITUTE	PA	R01AI071309	REGULATION OF EXHAUSTION AND ALTERED CD8 T CELL MEMORY DURING CHRONIC INFECTION	\$0
2009	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	F32AI077244	HELPER AND SUPPRESSOR ROLES OF CD8+ T CELLS	\$0
2009	TEMPLE UNIVERSITY	PA	R01AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI081055	ROLE OF PELLINO1 IN LIVER INFLAMMATION	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI065325	PATHOGENESIS OF NEW SIVSM LINEAGES IN RHESUS MACAQUES	\$332,879
2009	PENNSYLVANIA STATE UNIVERSITY	PA	K02AI065795	PATHOGENESIS OF MUMPS VIRUS	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	-\$764,250
2009	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R56AI080852	ADAPTER MOLECULES ON C3A RECEPTOR SIGNALING IN MAST CELLS	\$0

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2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$39,375
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI060686	GENERATION OF NOVEL RECOMBINANT RABIES VIRUS VACCINES	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI072350	CHARACTERIZATION OF ALPHAVIRUS INFECTION RECEPTORS	\$183,125
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	-\$84,570
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071774	VAGINAL IMMUNITY AFTER INTRANASAL LISTERIA VACCINATION	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	U19AI048241	ACTIVE IMMUNE THERAPY AND HAART FOR HIV-1 INFECTION	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	-\$131,462
2009	UNIVERSITY OF PITTSBURGH	PA	K22AI080584	MULTIDRUG-RESISTANT ACINETOBACTER BAUMANNII	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	\$689,089
2009	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$0
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI072044	GENETIC CONTROL OF IL-1 AND ITS ROLE IN INFLAMMATORY ARTHRITIS	\$119,304
2009	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R41AI081334	HUMAN RABIES VIRUS VACCINE DEVELOPMENT	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI046645	RISK FACTORS FOR DRUG RESISTANT PNEUMOCOCCAL BACTEREMIA	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI037691	Novel Mechanisms of Tolerance Resistance	-\$83,048
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI062975	RISK FACTORS AND OUTCOMES OF CANDIDEMIA IN CHILDREN	\$0
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI066734	APTAMER MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$0
2009	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$0
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI068633	MICROBICIDE TRIALS NETWORK	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	-\$388,649
2009	UNIVERSITY OF PUERTO RICO	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$0

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2009	BROWN UNIVERSITY	RI	R01AI054128	MECHANISM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$0
2009	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$0
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	-\$367,088
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI059049	LETHALITY OF H5N1 INFLUENZA VIRUS IS LINKED TO TGF-BETA	\$253,648
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$0
2009	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$0
2009	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$0
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI083370	MOLECULAR BASIS FOR PARAINFLUENZA VIRUS INFECTION AND HOST RESPONSE	\$0
2009	MEHARRY MEDICAL COLLEGE	TN	R21AI076757	SRP RNA LEVEL AS A DETERMINANT OF LEISHMANIAL PARASITISM OF MACROPHAGES	\$0
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI075517	DEVELOPMENT OF ANTIMALARIAL PRECLINICAL CANDIDATES	\$0
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076938	LIPIDS OF MYCOBACTERIA	-\$222,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$0
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$0
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI061223	METABOLIC DISCRIMINATION OF UNKNOWN BACTERIAL PATHOGENS	\$0
2009	UNIVERSITY OF THE SOUTH	TN	R15AI084075	GLYCODIVERSIFICATION OF ANGUICYCLINE ANTIBIOTICS	\$170,014
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$60,590
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI044924	IFN-GAMMA GENE REGULATION IN T CELLS AND NK CELLS	\$0
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$0
2009	VANDERBILT UNIVERSITY	TN	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$50,400
2009	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI084057	THE ROLE OF PD-1 AND SOCS-1 IN HCV CORE/GC1QR-MEDIATED IL-12 SUPPRESSION	\$0
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$0

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2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI033331	NEF FUNCTION	-\$498,451
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPIOTOPE PREDICTION	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045896	LPS EFFLUX FROM HOST CELLS TO PLASMA LIPOPROTEINS	\$0
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$0
2009	LYNNTECH, INC	TX	R43AI081364	SAMPLE PREPARATION AND REAL-TIME PCR SYSTEM FOR NON-TRADITIONAL SETTINGS	\$0
2009	GENOMICS USA INC	TX	R43AI081614	A LOW COST MICROARRAY FOR POPULATION-SCALE AIDS RISK ANALYSIS: THE AIDS CHIP	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$29,584
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R37AI036682	ANERGY, APOPTOSIS AND CD28 IN CD8+ T CELLS DURING AIDS	\$35,113
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$0
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	\$0
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$231,737
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI064927	DC-HIL IN CUTANEOUS IMMUNITY	\$0
2009	GENOMICS USA INC	TX	R44AI060166	HLA CHIP PRODUCT FOR FDA 510K APPROVAL	\$0
2009	BAYLOR COLLEGE OF MEDICINE	TX	U19AI070973	INNATE IMMUNITY IN ALLERGIC AIRWAY INFLAMMATION OF ASTHMA	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI062983	MUCOSAL COLONIZATION AND DISSEMINATION OF P. AERUGINOSA	\$93,536
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	U19AI071130	ASTHMA AND ALLERGIC DISEASES COOPERATIVE RESEARCH CENTER	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI078006	RIFT VALLEY FEVER VACCINE DEVELOPMENT OF ANIMAL MODELS AND OPTIMIZE PRODUCTION	\$0
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$0

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2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI067803	CHARACTERIZATION OF MURINE CD244 HAPLOTYPES WITH DIVERGENT FUNCTION	\$0
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$107,024
2009	BAYLOR COLLEGE OF MEDICINE	TX	R56AI080681	EVASION OF INTRINSIC ANTIVIRAL HOST CELL RESPONSES BY HERPESVIRUSES	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI077077	DENDRITIC CELL TARGETING ENHANCES FLAVIVIRUS VACCINE EFFICACY	\$0
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$0
2009	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI078159	SMALL RNAS REGULATING GROUP A STREPTOCOCCUS VIRULENCE	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052428	PHYLOGENETIC APPROACH TO PLANT ALLERGY VACCINES	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI073146	Vaginal/Rectal HIV Transmission Model	-\$587,481
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI048496	IMPROVED BRUCELLA VACCINE STRAINS	\$34,650
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054583	TULAREMIA AND THE HUMAN INNATE IMMUNE RESPONSE	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069145	MECHANISMS OF SYLVATIC DENGUE EMERGENCE	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	-\$392,500
2009	BAYLOR COLLEGE OF MEDICINE	TX	U01AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$0
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI070083	GALVESTON NATIONAL LABORATORY OPERATIONS	\$0
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	-\$196,250
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$0
2009	UNIVERSITY OF UTAH	UT	U01AI057565	HYPERPHENYLALANINEMIA IN CEREBRAL MALARIA	\$40,532
2009	BIOFIRE DIAGNOSTICS INC	UT	U01AI082184	FILMARRAY BIOTHREAT PATHOGENS: AN AUTOMATED MULTIPLEX PCR DIAGNOSTIC SYSTEM	\$0
2009	BIOFIRE DIAGNOSTICS INC	UT	R43AI082843	CHARACTERIZATION OF RESPIRATORY PATHOGENS IN TRANSPLANT PATIENTS	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	BRIGHAM YOUNG UNIVERSITY	UT	U01AI082209	DEVELOPMENT OF NOVEL ANTIMICROBIAL PEPTIDE MIMICS	\$0
2009	WASATCH MICROFLUIDICS LLC	UT	R43AI083117	HIGHLY PARALLEL AIDS ASSAYS USING A MICROFLUIDIC FLOW CELL ARRAY INTEGRATED WITH	\$0
2009	UNIVERSITY OF UTAH	UT	R01AI080734	HCV GENOTYPE 6: A MODEL FOR HCV GENETICS AND MOLECULAR EPIDEMIOLOGY STUDIES	\$0
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047841	STREPTOCOCCAL VIRULENCE FACTORS IN EXTRA-ORAL DISEASE	\$20,394
2009	UNIVERSITY OF VIRGINIA	VA	U19AI070364	ASTHMA AND ALLERGIC DISEASE CENTER	\$0
2009	AMRON CORPORATION	VA	R44AI069607	RANDOM HAND HYGIENE PROMPTS	\$0
2009	COLLEGE OF WILLIAM & MARY	VA	R15AI070249	FUNCTION OF PAX5 ISOFORMS DURING B CELL DEVELOPMENT AND ACTIVATION	\$0
2009	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$0
2009	UNIVERSITY OF VIRGINIA	VA	U01AI070491	ADENOSINE RECEPTOR AGONISTS AS AN IMMUNOTHERAPY FOR BIODEFENSE	\$0
2009	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$0
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI035705	STAPHYLOCOCCAL METHICILLIN RESISTANCE LOCUS	\$0
2009	UNIVERSITY OF VIRGINIA	VA	U01AI070384	COOPERATIVE RESEARCH PARTNERSHIP FOR AN AMEBIC COLITIS VACCINE	\$0
2009	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$0
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI059280	ROLE OF HOOKWORM SECRETIONS IN HOST IMMUNOMODULATION	\$49,750
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$0
2009	UNIVERSITY OF VERMONT	VT	R01AI044186	HAIRPIN RIBOZYME: FOLDING, STRUCTURE AND MECHANISM	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068635	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV VACCINE TRIALS NETWORK	\$218,436
2009	UNIVERSITY OF WASHINGTON	WA	U19AI031448	UNIVERSITY OF WASHINGTON STI-TM COOPERATIVE RESEARCH CENTER	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R21AI079778	MOLECULAR MECHANISMS OF MYELOKATHEXIS	\$0
2009	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$0

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2009	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068618	HVTN LABORATORY PROGRAM	\$0
2009	WASHINGTON STATE UNIVERSITY	WA	R37AI044005	Antigenic variation in microbial transmission	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054280	TOOLS FOR TESTING HIV IMMUNE-CONTROL AND VACCINE MODELS	\$16,971
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	\$52,319
2009	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068614	LEADERSHIP GROUP FOR A GLOBAL HIV VACCINE CLINICAL TRIALS NETWORK	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068615	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; MICROBICIDE TRIALS NETWORK	\$101,554
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI081546	THE ROLE OF ADCC IN MOTHER TO INFANT HIV TRANSMISSION	\$0
2009	THE GENEVA FOUNDATION	WA	U01AI082069	ASSESSMENT OF THE IMMUNOGENICITY AND PROTECTIVE EFFICACY OF A MULTIAGENT DNA VACC	\$0
2009	INBIOS INTERNATIONAL, INC	WA	R44AI052683	GEOGRAPHICALLY ROBUST RAPID ASSAY FOR T. CRUZI INFECTION	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$34,875
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI032042	METHODS FOR EVALUATING VACCINE EFFICACY	\$0
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI058723	RESERVOIRS OF DRUG-RESISTANT HIV-1	\$0
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$0
2009	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	-\$120,328
2009	UNIVERSITY OF WASHINGTON	WA	R56AI082617	OPTIMIZATION OF PYRIMIDINYL PRODRUGS (PYPS) FOR MALARIA CHEMOTHERAPY	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R21AI081347	PERSONALITY, STRESS, AND HSV-1 INFECTION: A TWIN STUDY	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030927	HIV HOST-CELL INTERACTIONS	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054165	STATISTICAL METHODS IN HIV VACCINE EFFICACY TRIALS	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI067653	POLYMYXIN-RESISTANT PSEUDOMONAS IN CF LUNG INFECTION	-\$580,593

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2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI078401	NOVEL MINOR HISTOCOMPATIBILITY ANTIGENS DETERMINED BY CODING DELETION POLYMORPHIS	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI082603	IMMUNOGEN DESIGN TO ENHANCE THE EFFICACY OF PLASMODIUM VIVAX VACCINE	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54AI083028	IMMUNE MEDIATED DISORDERS AFTER ALLOGENEIC HEMATOPOIETIC CELL TRANSPLANTS (HCT)	\$0
2009	TRIA BIOSCIENCE CORPORATION	WA	R43AI081383	PANDEMIC H5N1 VACCINE CONTAINING RECOMBINANT H5 AND A SYNTHETIC TLR4 AGONIST, GLA	\$0
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI067138	DETERMINANTS OF HOST ADAPTATION IN A MACACA NEMESTRINA-ADAPTED HIV-2 ISOLATE	\$43,885
2009	UNIVERSITY OF WASHINGTON	WA	K23AI071257	EFFECT OF SUPPRESSIVE THERAPY ON BEHAVIORAL DETERMINANTS OF HSV-2 TRANSMISSION	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI083034	MULTI-COMPONENT, TARGETED HIV PREVENTION FOR SUB-SAHARAN AFRICA: PREVENTIONRX	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R56AI061061	MOLECULAR CHARACTERIZATION OF T-BET'S ROLE IN IMMUNITY	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R56AI084004	STRUCTURES AND SELECTIVE INHIBITION OF TRNA SYNTHETASES FROM PATHOGENIC PROTOZOA	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$0
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007450	CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$0
2009	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$92,755
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI048675	STRUCTURE/FUNCTION STUDIES OF CTLD NK IMMUNORECEPTORS	\$0
2009	UNIVERSITY OF WASHINGTON	WA	K23AI065243	PRIMARY HIV INFECTION: THE PUBLIC HEALTH PERSPECTIVE	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI065664	PREVENTING PREGNANCY MALARIA: MATERNAL-INFANT OUTCOMES	\$1,820,323
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI080326	DEVELOPMENT OF NOVEL AIDS GENE THERAPY STRATEGIES IN THE MACAQUE SHIV MODEL	\$0
2009	UNIVERSITY OF WASHINGTON	WA	U01AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$0
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$0

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2009	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$0
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$0
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI068493	MECHANISMS UNDERLYING DENDRITIC CELL-MEDIATED HIV TRANSMISSION	-\$203,560
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$0
2009	CENTROSE LLC	WI	R43AI082684	AMPHOTERICIN B ANALOGS	\$0
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R56AI071239	FUNCTIONS OF BCL10 IN LYMPHOCYTES	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI059049	LETHALITY OF H5N1 INFLUENZA VIRUS IS LINKED TO TGF-BETA	-\$231,221
2009	UNIVERSITY OF WISCONSIN LA CROSSE	WI	R15AI084053	CHARACTERIZATION OF HUMAN PARAINFLUENZA VIRUS TYPE 3 ASSEMBLY AND RELEASE	\$0
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01HL069116	SEVERE ASTHMA FROM RESPIRATORY INFECTIONS	\$136,035
2008	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$0
2008	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		U01AI060579	GLOBAL GAS VACCINE BASED ON THE M-PROTEIN	\$0
2008	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	-\$131,085
2008	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$0
2008	UNIVERSITY OF CAPE TOWN		R21AI067659	A SMART MICROSCOPE FOR THE DETECTION OF TUBERCULOSIS IN ZN-STAINED SPUTUM SMEARS	\$0
2008	STARPHARMA, LTD		U19AI060598	DEVELOPMENT OF DENDRIMER AND COMBINATION MICROBICIDES	\$0
2008	YRG CENTRE FOR AIDS RESEARCH & EDUCATION		R03AI062420	CORRELATES OF MUCOSAL HIV-1 TRANSMISSION IN INDIAN WOMEN	\$0
2008	SYMPHOGEN A/S		U01AI070378	FULLY HUMAN RECOMBINANT THERAPEUTIC ANTI-VACCINIA VIRUS POLYCLONAL ANTIBODY	\$0
2008	UNIVERSITY OF TORONTO		R03AI067412	SIMKANIA NEGEVENSIS IN LUNG TRANSPLANT INFLAMMATION AND REJECTION-A PILOT STUDY	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$0

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2008	ALABAMA STATE UNIVERSITY	AL	R21AI073356	SUPPRESSOR OF CYTOKINE SIGNALING AND CONTROL OF INFLAMMATION IN LYME DISEASE	\$75,878
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI071041	THE ROLE OF IL-17 PRODUCING T LYMPHOCYTES IN ALLERGIC CONTACT DERMATITIS	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI034749	MOLECULAR ANALYSIS OF HIV1 REVERSE TRANSCRIPTION	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042127	STUDIES OF PAIRED IMMUNOGLOBULIN-LIKE RECEPTORS	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$0
2008	ARIZONA STATE UNIVERSITY	AZ	U01AI061253	DEVELOPMENT OF A VACCINE FOR EBOLA VIRUS IN PLANT SYSTEM	\$0
2008	UNIVERSITY OF ARIZONA	AZ	R01AI046541	REGULATION OF ENERGY METABOLISM IN INSECTS	\$0
2008	ADVANCED GENETIC SYSTEMS INC	CA	R43AI076143	A SMALL MOLECULE SCREEN TO TARGET VIRAL RNA-PROTEIN COMPLEXES	\$0
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI057433	PROPHAGE-ENCODED BINDING OF S. MITIS TO HUMAN PLATELETS	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052142	CLINICAL & MOLECULAR STUDIES OF DRUG RESISTANT MALARIA	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI057487	C-ABL AND PKC-ETA IN CELL DEVELOPMENT AND LEUKEMIA	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$0
2008	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	U01AI070350	STABLE MICRONIZED VACCINES AGAINST SMALLPOX AND JAPANESE ENCEPHALITIS	\$0
2008	MOLECULAR EXPRESS, INC	CA	U01AI074508	NON-VIRAL PANDEMIC INFLUENZA VACCINE DEVELOPMENT	\$0
2008	STANFORD UNIVERSITY	CA	R01AI060399	DRUG RESISTANCE AND PATHOGENESIS IN SUBTYPE C HIV-1	\$0
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI020958	GALECTINS AND INNATE IMMUNITY	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI059829	IMMUNOGENETIC STUDIES OF AUTOIMMUNE DISEASE	\$0
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	P01AI055789	VIRULENCE FACTORS AND CELL DEATH	\$0
2008	UNIVERSITY OF CALIFORNIA	CA	R03AI076091	CELLULAR IMMUNE RESPONSES INDUCED BY SIVDELTA-VIF PLUS IL-15 DNA VACCINE	\$0
2008	UNIVERSITY OF CALIFORNIA	CA	R03AI065567	ROLE OF EOTAXIN-3/CCL26 IN ALLERGIC ASTHMA	\$0
2008	STANFORD UNIVERSITY	CA	R01AI046148	IDENTIFICATION OF MULTIDRUG RESISTANT HIV-1 ISOLATES	\$0

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2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061772	AMBIENT TLR LIGAND EXPOSURES AND THE GENESIS OF ASTHMA	\$0
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI061164	ROLE OF THE TIM-2 RECEPTOR IN IMMUNITY AND AUTOIMMUNITY	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K25AI058672	MULTISCALE STUDIES OF HIV INFECTION AND TREATMENT	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI060614	MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$0
2008	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$2,943
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$0
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI067676	THE CAMP REGULATORY SYSTEM OF PATHOGENIC YERSINIA	\$0
2008	J DAVID GLADSTONE INSTITUTES	CA	P01AI058708	MOLECULAR MECHANISMS OF HIV POST-INTEGRATION LATENCY	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI068549	HIV EPITOPE SPECIFIC T CELL RESPONSES AND CONTROL OF HIV REPLICATION	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI029135	ACTIVITY AND INHIBITION OF THE TAT PROTEIN FROM HIV	\$0
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI059647	C. TRACHOMATIS GENOMICS, STRAIN TYPING, AND EVOLUTION	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI079705	MOLECULAR MECHANISMS IN THE GENERATION OF AUTOANTIBODIES AND LUPUS	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI079043	INNATE CONTROL OF HEPATITIS C VIRUS INFECTION: ANTIVIRAL AND EVASION MECHANISMS	\$0
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI068546	UNDERSTANDING HOW HIV-1 VPU AND HIV-2 ENV STIMULATE VIRUS RELEASE	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI062677	CLINICAL STUDIES OF INTERACTIONS BETWEEN HIV AND MALARIA	\$0
2008	STANFORD UNIVERSITY	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI076005	INHIBITORS OF HIV-DENDRITIC CELL INTERACTIONS AS MICROBICIDES	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$0
2008	COLORADO STATE UNIVERSITY	CO	P01AI057836	MULTI-DRUG RESISTANT TUBERCULOSIS DRUGS: TARGETING CELL WALL SYNTHETIC ENZYMES	\$0

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2008	UNIVERSITY OF COLORADO DENVER	CO	P01AI059576	SARS CORONAVIRUS: INHIBITION OF ENTRY	\$0
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$0
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI068083	COORDINATING ADAPTIVE AND INNATE IMMUNITY	\$0
2008	COLORADO STATE UNIVERSITY	CO	R01AI037139	STRUCTURE OF LAM IN RELATION TO BIOLOGY AND BIOSYNTHESIS	\$0
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI057797	STRESS, HEAT-SHOCK PROTEINS, AND INNATE IMMUNITY	\$0
2008	COLORADO STATE UNIVERSITY	CO	R01AI057066	SIRNA GENE THERAPY FOR HIV/AIDS	\$0
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R37AI030726	STRUCTURE-FUNCTION STUDIES OF RIBOZYME AND RNA	\$0
2008	UNIVERSITY OF CONNECTICUT	CT	R03AI072065	FUNCTION OF SECA2 IN MYCOBACTERIUM TUBERCULOSIS PROTEIN EXPORT	\$0
2008	L2DIAGNOSTICS, LLC	CT	R43AI077159	LYME DISEASE DIAGNOSTICS USING IN VIVO EXPRESSED BORRELIA BURGDORFERI ANTIGENS	\$0
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$0
2008	HELIX THERAPEUTICS LLC	CT	R43AI076193	TARGETED CCR5 GENE INACTIVATION USING PEPTIDE NUCLEIC ACIDS	\$0
2008	YALE UNIVERSITY	CT	R01AI051306	SUPPRESSION OF ERYTHROPOIESIS IN MALARIA INFECTION	\$0
2008	UNIVERSITY OF FLORIDA	FL	R01AI042164	MODELING AND EMPIRICAL STUDIES OF ARBOVIRUSES IN FLORIDA	\$0
2008	UNIVERSITY OF FLORIDA	FL	R01AI065276	HIV/FIV-CAT MODEL: A MODEL TO IDENTIFY VACCINE EPITOPES	\$0
2008	UNIVERSITY OF MIAMI	FL	K22AI068489	CD40L AND GITRL ADJUVANTS FOR ADENOVIRAL VACCINES AGAINST HIV	\$0
2008	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI043428	METAL BINDING DOMAINS IN METALLOREGULATORY PROTEINS	\$0
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI058973	ARTEMISININ-INDUCED DORMANCY & MALARIA TREATMENT FAILURE	\$0
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI071109	DETERMINING SARS-COV HOST GENE REQUIREMENTS BY MUTAGENESIS AND RNA INTERFACE	\$0
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI057877	IRON ACQUISITION FROM HOST PROTEINS IN S. PYOGENES	\$0
2008	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$0
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI064752	LONG-LIVED PLASMA CELL DIFFERENTIATION	\$0
2008	EMORY UNIVERSITY	GA	R56AI076237	THE ROLE OF LEUKOCYTE SEQUESTRATION IN THE CONTROL OF VIRAL INFECTIONS	\$0
2008	GEORGIA STATE UNIVERSITY	GA	R21AI073824	DEVELOPMENT OF A NEW MODEL OF VIRAL HEMORRHAGIC FEVER.	\$0

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2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	P01AI044979	VACCINE DISCOVERY FOR CHAGAS DISEASE	\$0
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$0
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI058284	CAMPYLOBACTER JEJUNI OUTER MEMBRANE PROTEIN VACCINE	\$0
2008	EMORY UNIVERSITY	GA	U19AI061728	OPTIMIZING THE IMMUNOGENICITY OF MVA-BASED AIDS VACCINES	\$0
2008	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$0
2008	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$0
2008	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$0
2008	NORTHWESTERN UNIVERSITY	IL	R01AI055977	GONOCOCCAL PILUS STRUCTURE AND FUNCTION	\$0
2008	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$0
2008	UNIVERSITY OF CHICAGO	IL	U01AI070559	LCRV PLAGUE VACCINE WITH ALTERED IMMUNE MODULATORY PROPERTIES	\$0
2008	ILLINOIS STATE UNIVERSITY	IL	R15AI079635	ANALYSIS OF VRASR AND VRASR REGULATED GENE EXPRESSION IN STAPHYLOCOCCUS AUREUS	\$0
2008	UNIVERSITY OF CHICAGO	IL	R34AI080962	EVALUATION OF LOVASTATIN IN SEVERE PERSISTENT ASTHMA (ELISPA)	\$0
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$0
2008	NORTHWESTERN UNIVERSITY	IL	R21AI067590	THE ROLE BH3 AND MULTI BH DOMAIN GENES IN REGULATING MONOCYTE SURVIVAL AND FUNCTI	\$0
2008	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI038396	PASTEURELLA MULTOCIDA TOXIN: STRUCTURE AND ACTIVITY	\$0
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI064123	PATHOGEN RECOGNITION BY TOLL-LIKE RECEPTOR COMPLEXES	-\$3,424
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI031494	MIDWEST SEXUALLY TRANSMITTED INFECTIONS TOPICAL MICROBICIDE COOPERATIVE RESEARCH	\$0
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI056979	MACROPHAGE SIGNALING UPON M AVIUM INFECTION	\$0
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI059342	MOLECULAR GENETICS OF DENGUE RESISTANCE IN MOSQUITOES	\$0
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI058896	NASAL DNA/PROTEIN VACCINE FOR ANTI-HIV ANTIBODY AND CTL	\$0
2008	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI074058	INFORMED CONSENT IN ILLITERATE SUBJECTS	\$0

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2008	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI073356	SUPPRESSOR OF CYTOKINE SIGNALING AND CONTROL OF INFLAMMATION IN LYME DISEASE	-\$86,643
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	U19AI061972	GULF SOUTH STI/TOPICAL MICROBICIDE COOPERATIVE RESEARCH CENTER	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI066279	TRYPANOSOMATID MITOCHONDRIAL DNA POLYMERASES	\$0
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI069167	INHIBITING THE INHIBITOR: SMALL MOLECULE SCREENING WITH SMALL POX NIL	\$0
2008	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI057926	DUALLY ACTIVE ANTHRAX VACCINE AGAINST BACILLI AND TOXINS	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	U01AI061318	HUMAN ANTIBODIES AND TARGETED VACCINES AGAINST SARS-COV	\$0
2008	IMMUNE DISEASE INSTITUTE INC	MA	R21AI072552	SERPINB1/MNEI: ROLE IN INNATE IMMUNE DEFENSE AGAINST INFLUENZA VIRUS INFECTION	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI044880	GENETIC BASIS FOR SUSCEPTIBILITY TO EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062412	PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV	\$0
2008	BIOSENSE TECHNOLOGIES	MA	R43AI074476	DIAGNOSIS OF EXTRA-PULMONARY TUBERCULOSIS IN HIV PATIENTS	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070857	BACTERIAL SPECIFIC OLIGOMERS FOR INFECTION DETECTION THROUGH IMAGING	\$0
2008	TUFTS UNIVERSITY	MA	R56AI073759	INHIBITORS OF TYPE III SECRETION AND TRANSLOCATION IN YERSINIA	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI067693	PROSPECTIVE MULTICENTER STUDY OF BRONCHIOLITIS ADMISSIONS: ETIOLOGY & DISPOSITION	\$0
2008	BOSTON UNIVERSITY	MA	R01AI058107	PRIMATE MODEL AND PATHOGENESIS OF ANTHRAX SEPSIS	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI057493	MECHANISMS OF ANTIGEN PRESENTATION BY MHC CLASS II	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI060456	STUDIES OF CCR5 CONFORMATIONAL HETEROGENEITY & HIV ENTRY	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063993	SINGLE-CYCLE SIV AS A NOVEL AIDS VACCINE APPROACH	\$0

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2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI068085	MECHANISMS BY WHICH INFLUENZA A PROTECTS AGAINST ASTHMA	\$0
2008	TUFTS UNIVERSITY	MA	R03AI069100	A CHEMICAL GENETIC APPROACH TO INHIBITING T-AG ASSEMBLY ON THE VIRAL ORIGIN	\$0
2008	BETH ISRAEL HOSPITAL	MA	R01AI053069	IMMUNE RESPONSE TO CLOSTRIDIUM DIFFICILE	\$0
2008	TUFTS UNIVERSITY	MA	R01AI019497	GENETIC SYSTEMS TO STUDY VIRULENCE IN BACTEROIDES	\$0
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$0
2008	BIOSCALE INC	MA	R44AI067050	NOVEL VIRAL LOAD DIAGNOSTIC FOR RESOURCE-LIMITED SETTINGS	\$0
2008	TUFTS UNIVERSITY	MA	R56AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI051417	POLYMORPHIC MEMBRANE PROTEINS OF CHLAMYDIA TRACHOMATIS	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R18AI044840	AIRWAY DISEASE AND COCKROACH EXPOSURE IN PUBLIC HOUSING	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI070178	WOLBACHIA AS AN AGENT FOR POPULATION REPLACEMENT IN ANOPHELES GAMBIAE	\$0
2008	MESO SCALE DIAGNOSTICS LLC	MD	R43AI074210	MULTIPLEX SEROLOGY FOR ENCEPHALITIS	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060892	DOUCHING PREVENTION TRIAL IN MOTHER-DAUGHTER DYADS	\$0
2008	AFG BIOSOLUTIONS INC	MD	R43AI078571	INHALED NISIN AS AN EMERGENCY INTERVENTION AGAINST ANTIBIOTIC SENSITIVE OR RESIST	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060449	LIVER DISEASE AND HIV-HBV COINFECTION IN THE HAART ERA	\$0
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$0
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	K22AI071812	CD4 T CELLS AND ANTI-VIRAL CONTROL IN SIV INFECTION	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	F32AI068212	PLASMODIUM CARBOHYDRATE RECEPTORS IN ANOPHELES GAMBIAE	-\$16,142
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI043885	HIV-1 FUSION CORECEPTORS	\$0
2008	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI056990	A RANDOMIZED TRIAL OF HAART IN ACUTE/EARLY HIV INFECTION	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI027877	ONTOGENY AND PHYLOGENY OF THE MHC	\$0

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2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$0
2008	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$0
2008	HENRY FORD HEALTH SYSTEM	MI	R01AI051598	ETIOLOGY OF PEDIATRIC ATOPY	\$0
2008	HENRY FORD HEALTH SYSTEM	MI	R56AI050681	EARLY ENVIRONMENTAL HYGIENE AND PEDIATRIC ASTHMA	\$0
2008	UNIVERSITY OF MINNESOTA	MN	U01AI065193	ADVANCING ISLET TRANSPLANTS FOR TYPE 1 DIABETES CARE	\$0
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI054232	LYMPH NODE INFLAMMATION AND FIBROSIS AS A MECHANISM OF CD4 LOSS IN HIV	\$0
2008	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$0
2008	UNIVERSITY OF MINNESOTA	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$0
2008	MAYO CLINIC	MN	R56AI074363	TRIM5ALPHA-MEDIATED BLOCK OF HIV-1 PRODUCTION	\$0
2008	UNIVERSITY OF MINNESOTA	MN	R01AI057451	A NOVEL ESSENTIAL REGULATOR OF STAPHYLOCOCCUS AUREUS	\$0
2008	MISSISSIPPI STATE UNIVERSITY	MS	R15AI079897	FUNCTIONAL CHARACTERIZATION OF THE SITE SPECIFIC RESIDUES IN MUTACIN 1140	\$0
2008	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$0
2008	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI071292	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	-\$5,193
2008	SIRGA ADVANCED BIOPHARMA INC	NC	R43AI078674	HIGH THROUGH-PUT SCREENING OF SMALL MOLECULES TO TREAT DRUG RESISTANT HIV	\$0
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	P01AI060642	RESPIRATORY IMMUNITY AGAINST AGENTS OF BIOTERRORISM	\$0
2008	DUKE UNIVERSITY	NC	R01AI050483	POLY-FUNCTIONAL ANALYSES OF VACCINE-INDUCED T CELL RESPONSES	\$0
2008	DUKE UNIVERSITY	NC	K24AI001608	MIDCAREER INVESTIGATOR AWARD /PATIENT-ORIENTED RESEARCH	\$0
2008	DUKE UNIVERSITY	NC	R21AI071816	ASSESSING DEPLOYMENT OF MICROBICIDAL GELS WITH LABEL-FREE OPTICAL MEASUREMENT	\$0
2008	THERALOGICS INC	NC	R42AI069602	INHIBITION OF IKK TO TREAT LETHAL GRAFT-VS.-HOST DISEASE	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071767	HIV GENOMIC RNA STRUCTURE IN VITRO AND IN VIRIO	-\$6,966
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI039416	GENE TRANSFER SYSTEM FOR AIDS THERAPY	\$169,012

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2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI070728	REGULATION OF SINDBIS VIRUS SUBGENOMIC RNA SYNTHESIS	\$0
2008	ALLIED INNOVATIVE SYSTEMS, INC	NJ	R44AI058814	ULTRASOUND MONITORED HIV RAPID TEST	\$0
2008	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R01AI061787	MATERNAL INFLUENCE IN THE DEVELOPMENT OF ASTHMA	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$0
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	U01AI061193	IDENTIFYING INHIBITORS OF WEST NILE AND DENGUE VIRUSES	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$0
2008	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI068440	TARGETED DESTRUCTION OF HIV AND HIV-INFECTED CELLS BY AN ENGINEERED RIBONUCLEASE	\$0
2008	CORNELL UNIVERSITY	NY	R21AI072102	SEPTATE JUNCTIONAL PROTEINS: PROTEOMIC IDENTIFICATION AND ROLE IN DIURESIS	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI020516	ROLE OF MONONUCLEAR LEUKOCYTES IN IMMUNITY	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI071979	DEVELOPMENT OF N-PEPTIDES FOR USE IN HIV-1 TOPICAL MICROBICIDES	\$0
2008	INSTITUTE FOR RESEARCH IN BIOMEDICINE	NY	R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$131,085
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$0
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI076166	INSULIN-LIKE GROWTH FACTOR AXIS INFLUENCE ON HIV AND HPV PATHOGENESIS IN WOMEN	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI042382	STRUCTURE AND FUNCTION OF THE HIV-1 ENVELOPE PROTEIN	\$0
2008	PROGENICS PHARMACEUTICALS, INC	NY	U19AI066329	HIV-1 THERAPY WITH CCR5 MAB PRO 140-OVERVIEW	\$0
2008	SUNY, STONY BROOK	NY	R21AI075000	INFLUENZA PDZ LIGAND DIRECTED PATHOGENESIS	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007161	TRAINING PROGRAM IN MICROBIOLOGY FOR INFECTIOUS DISEASES	\$0
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI076509	ARCHITECTURE OF VIRAL DNA DELIVERY MACHINERY	-\$257,557
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI070907	NEW PLASMODIUM STRATEGIES TO MODULATE INFLAMMATION	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI071815	HIV ENV-INDUCED SYNAPSE AND SIGNALING	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI057127	IMMUNOPATHOGENESIS OF ACUTE AND EARLY HIV INFECTION	\$0

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2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI060706	NONINVASIVE DIAGNOSIS OF BKV NEPHROPATHY	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI072466	BOTULINUM NEUROTOXIN DERIVATIVES FOR TARGETED NEURONAL DELIVERY	\$0
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI058211	IFN-IS AT THE INTERFACE OF INNATE AND ADAPATIVE IMMUNITY	\$0
2008	SUNY, BUFFALO	NY	R01AI057142	TRYPANOSOME RNA BINDING PROTEINS	\$0
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI042308	CONJUGATION AND RECOMBINATION IN MYCOBACTERIA	\$0
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$0
2008	UNIVERSITY OF ROCHESTER	NY	R01AI064463	KUPFFER CELLS IN LIVER IMMUNOPATHOLOGY	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI036085	DESIGN AND USE OF HIV V3 MIMETIC IMMUNOGENS	\$0
2008	BATTELLE MEMORIAL INSTITUTE	OH	R21AI074629	PSEUDO-AUTOTROPHIC SELECTION OF FRANCISELLA TULARENSIS PENTOSE-PHOSPHATE AUXOTROP	\$0
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$0
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI070716	ANTIVIRAL ACTIVITY OF LEFLUNOMIDE AGAINST RESPIRATORY SYNCYTIAL VIRUS	\$0
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI068829	CHEMOKINES AND REGULATION OF T CELL RESPONSES DURING INFECTION	\$0
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI073584	ROLE OF IMMUNOPROTEASOMES IN ACTIVATED T CELL APOPTOSIS	\$0
2008	UNIVERSITY OF CINCINNATI	OH	R21AI070865	GENETIC DETERMINANTS OF HOST SUSCEPTIBILITY TO PULMONARY ANTHRAX	\$0
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI066957	IMMUNITY OF NEOANTIGEN RESPONSE IN HCV, HIV, AND HCV-HIV	\$0
2008	Research Institute at Nationwide's Children's Hospital	OH	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	\$0
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$0
2008	OKLAHOMA STATE UNIV, CENTER FOR HEALTH SCIENCES	OK	R21AI073107	PGE2 BIOSYNTHESIS IN CANDIDA ALBICANS	\$0
2008	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$0
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI060392	DEVELOPMENT OF RHCMV VECTORS FOR SIV INFECTION	\$0

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2008	OREGON STATE UNIVERSITY	OR	R21AI070538	A TRI-ANTIGEN NASAL ANTHRAX VACCINE AGAINST TOXINS AND VEGETATIVE BACILLI	-\$92,601
2008	OREGON STATE UNIVERSITY	OR	R03AI065774	ANTHRAX DNA VACCINE FOR NON-INVASIVE IMMUNIZATION ON SKIN	\$0
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$0
2008	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI072906	GENETICALLY DEFINED ATTENUATED LIVING VACCINE FOR FRANCISELLA	\$0
2008	TEMPLE UNIVERSITY	PA	T32AI007101	TRAINING PROGRAMS IN MICROBIOLOGY AND IMMUNOLOGY	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI077014	ROLE OF ISG15 IN INHIBITION OF EBOLA VIRUS BUDDING	\$0
2008	INSTITUTE FOR HEPATITIS & VIRUS RESEARCH	PA	R56AI066024	SCREEN FOR AN UNEXPLOITED STEP IN THE HBV LIFE CYCLE	\$0
2008	TEMPLE UNIVERSITY	PA	R01AI034765	HIV-1 INHIBITION BY DELIVERY OF 2-5OAS & PKR GENES	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI063589	MOLECULAR PROFILING AND IMMUNOMODULATORY INTERVENTIONS	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI070369	THERAPEUTICS TARGETING CATHEPSIN-ACTIVATED VIRAL ENTRY	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058019	REGULATION OF T CELL AND MAST CELL FUNCTION BY DGKZETA	\$0
2008	CARNEGIE-MELLON UNIVERSITY	PA	R01AI057804	LARGE-SCALE ANALYSIS OF CANDIDA ALBICANS GENE FUNCTION	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI070929	CREATION OF A CONDITIONAL IL-6 KNOCKOUT MOUSE	\$0
2008	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI068642	THROMBOREGULATION TO PREVENT THROMBOTIC MICROANGIOPATHY	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071774	VAGINAL IMMUNITY AFTER INTRANASAL LISTERIA VACCINATION	\$0
2008	THOMAS JEFFERSON UNIVERSITY	PA	R56AI076509	ARCHITECTURE OF VIRAL DNA DELIVERY MACHINERY	\$253,456
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI045025	CELLULAR IMMUNE SURVEILLANCE OF INTRACELLULAR BACTERIA	\$0
2008	UNIVERSITY OF PUERTO RICO	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$0
2008	BROWN UNIVERSITY	RI	R01AI058181	FUNCTIONS OF THE KLRG1 MOLECULE ON NK CELLS AND T CELLS	\$0
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R15AI076871	PATHOGENESIS OF EAST1 TOXIN IN ETEC ASSOCIATED DIARRHEA DISEASE	\$0

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2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076835	THE NLR-INFLAMMASOME AS MEDIATOR OF ALUM'S ADJUVANTICITY	\$0
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	P01AI054955	PRECLINICAL-CLINICAL PARAMYXOVIRUS VACCINE DEVELOPMENT	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$0
2008	UNIVERSITY OF TENNESSEE	TN	R03AI071863	ROLE OF THE OPI1 GENE IN CONTROLLING VIABILITY OF CANDIDA GLABRATA	\$0
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076938	LIPIDS OF MYCOBACTERIA	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI071487	MECHANISMS OF HEME UTILIZATION BY STAPHYLOCOCCUS AUREUS	-\$27,167
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI076171	THE ROLES OD ELONGATION FACTOR 1 AND MATRIX IN HIV-1 CORE DISASSEMBLY	-\$858
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI060592	VACCINE PREVENTION OF RHEUMATIC FEVER	\$0
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI045374	REGULATION OF CYCLIN T1 PROTEIN EXPRESSION- MACROPHAGES	\$0
2008	LYNNTECH, INC	TX	R43AI077137	RAPID AND ENCLOSED SYSTEM FOR THE IDENTIFICATION OF MULTI-DRUG RESISTANT TB	\$0
2008	NANORELEASE TECHNOLOGIES LLC	TX	R41AI068252	ENCAPSULATED VACCINES AGAINST SELECT AGENTS	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066160	ELUCIDATING THE MECHANISM OF NOVEL DENGUE ANTIVIRALS	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI039416	GENE TRANSFER SYSTEM FOR AIDS THERAPY	-\$178,147
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI070538	A TRI-ANTIGEN NASAL ANTHRAX VACCINE AGAINST TOXINS AND VEGETATIVE BACILLI	\$92,601
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI042953	T CELL RECEPTOR SIGNALING BY PHOSPHORYLATED FORMS OF TCR	\$0
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI055554	CXCL16/CXCR6 AND THEIR ROLES IN AUTOIMMUNE ARTHRITIS	\$0
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI072458	ANALYSIS OF CANDIDA ALBICANS NRG1-REGULATED GENE EXPRESSION IN VIVO.	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054583	TULAREMIA AND THE HUMAN INNATE IMMUNE RESPONSE	\$0
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI064487	F. TULARENSIS VIRULENCE PROTEIN STRUCTURE AND FUNCTION	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI078871	IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME IN HIV-TB INFECTED PATIENTS IN PERU	\$12,613

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$0
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI073587	CYTOKINE REGULATION OF DENDRITIC CELL DEVELOPMENT	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI039167	STRUCTURE-FUNCTION STUDIES OF HUMAN FCRN	\$0
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI045429	SAN ANTONIO STI TM CRC	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI077077	DENDRITIC CELL TARGETING ENHANCES FLAVIVIRUS VACCINE EFFICACY	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	\$0
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI049574	GBV-B: A SMALL PRIMATE MODEL FOR HEPATITIS C INFECTION	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$0
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI043693	ENCEPHALITIZOAN CUNICULI-HOST IMMUNITY AND PATHOGENESIS	\$0
2008	UNIVERSITY OF RICHMOND	VA	K22AI070644	NUTRITIONAL AND ENDOCRINE CONTROL OF MOSQUITO EGG DEVELOPMENT.	\$0
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI070528	PROTEASE ACTIVATION OF NEWCASTLE DISEASE VIRUS FOR ONCOLYTIC VIRAL THERAPY	\$0
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$0
2008	UNIVERSITY OF VIRGINIA	VA	R56AI079145	THE ROLE OF ADENOSINE RECEPTORS IN TH CELL DEVELOPMENT AND FUNCTION	\$0
2008	UNIVERSITY OF VIRGINIA	VA	R01AI068501	COMPOUNDS THAT INHIBIT HIV REV FUNCTION	\$0
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI057189	HIV PROTEASE INHIBITORS AND HEPATIC LIPID DYSREGULATION	\$0
2008	UNIVERSITY OF VIRGINIA	VA	R01AI020181	ANALYSIS OF RESPIRATORY SYNCYTIAL VIRUS GENE PRODUCTS	\$0
2008	UNIVERSITY OF VIRGINIA	VA	R21AI073923	NOVEL RECOMBINANT VACCINES TO PROTECT AGAINST BURKHOLDERIA INFECTIONS	\$0
2008	UNIVERSITY OF VERMONT	VT	R21AI071635	OPTIMIZATION OF VECTORS FOR STABLE TRANSFECTION OF ACANTHAMOEBA	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$0
2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI075016	FITNESS COST AND COMPENSATION IN QUINOLONE-RESISTANT MYCOBACTERIUM TUBERCULOSIS	\$0
2008	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R56AI071175	MYCOPLASMA GENITALIUM ANTIGENIC VARIATION	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI057639	HHV-6 AND CNS DISEASE FOLLOWING STEM CELL TRANSPLANT	\$0
2008	UNIVERSITY OF WASHINGTON	WA	U19AI031448	UNIVERSITY OF WASHINGTON STI-TM COOPERATIVE RESEARCH CENTER	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R01AI042989	5-LIPOXYGENASE PRODUCTS IN ASTHMATIC IMMUNE RESPONSE	\$0
2008	UNIVERSITY OF WASHINGTON	WA	P01AI067921	MEDICAL STRUCTURAL GENOMICS OF PATHOGENIC PROTOZOA (MSGPP)	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030927	HIV HOST-CELL INTERACTIONS	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074607	SELECTABLE BIOMARKERS FOR PATHOGENIC BURKHOLDERIA	\$0
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI059804	DIRECT REGULATION OF CD8 T CELLS BY INTERFERON GAMMA	\$0
2007	UNIVERSIDAD PERUANA CAYETANO HEREDIA		R03AI067608	TOWARDS TUBERCULOSIS CONTROL: PYRAZINAMIDE SUSCEPTIBILITY AND RESISTANT MECHANISM	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI028147	NOVEL VLP-BASED MUCOSAL AND SYTEMIC HIV VACCINES	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI055438	AGENTS OF INTERNATIONAL HEALTH & BIOTERRORISM CONCERN	\$0
2007	ARIZONA STATE UNIVERSITY	AZ	U01AI057303	DEVELOPMENT OF A SAFER SMALLPOX VACCINE	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI066470	ROLE OF CRUZAIN IN T. CRUZI AND MACROPHAGE INTERACTIONS	-\$48,281
2007	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	RC1AI078516	ENDOGENOUS SPHINGOSINE-1-PHOSPHATE AS A RADIOPROTECTOR OF INTESTINAL TISSUES	\$0
2007	SCRIPPS RESEARCH INSTITUTE	CA	P01AI056013	MULTIVALENT DISPLAY OF ANTHRAX TOXIN INHIBITORS	\$0
2007	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$3,051
2007	MAXYGEN INC	CA	R43AI068248	VACCINES FOR EASTERN AND WESTERN EQUINE ENCEPHALITIS VIRUSES	\$0
2007	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$0
2007	BIOPROTECTION SYSTEMS CORPORATION	IA	U01AI066327	RATIONALLY DESIGNED RIFT VALLEY FEVER VIRUS VACCINE	\$0
2007	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI057808	ROLE OF RANTES IN PNEUMOCOCCAL IMMUNOPATHOGENESIS	\$0
2007	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$0
2007	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067103	HUMAN STUDIES OF ATTENUATED SALMONELLA VECTORS	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$0
2007	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI055801	B7 COSTIMULATORY BLOCKADE IN PEDIATRIC TRANSPLANTATION	\$0
2007	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070857	BACTERIAL SPECIFIC OLIGOMERS FOR INFECTION DETECTION THROUGH IMAGING	\$0
2007	UNIVERSITY OF MASSACHUSETTS	MA	R21AI069167	INHIBITING THE INHIBITOR: SMALL MOLECULE SCREENING WITH SMALL POX NIL	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI056990	A RANDOMIZED TRIAL OF HAART IN ACUTE/EARLY HIV INFECTION	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI033077	MOLECULAR GENETICS OF HSV-1 CAPSIDS	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	RC1AI078520	NOVEL THERAPY FOR POST-IRRADIATION INSULT TO GUT MUCOSA IN NON-HUMAN PRIMATES	\$0
2007	UNIVERSITY OF MICHIGAN	MI	U01AI056580	MOLECULARLY TARGETED VACCINES FOR ANTHRAX	\$0
2007	CHIMERIX INC	NC	U01AI057233	DEVELOPMENT OF AN ORAL DRUG FOR SMALLPOX TREATMENT	\$0
2007	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	U01AI070440	PRECLINICAL DEVELOPMENT OF FLAGELLIN AS A MUCOSAL ADJUVANT IN BIODEFENSE VACCINES	\$0
2007	EAST CAROLINA UNIVERSITY	NC	R01AI064153	CYTOKINE DYSREGULATION IN GM-CSF AUTOIMMUNITY	\$0
2007	ALTRAVAX INC	ND	R43AI068248	VACCINES FOR EASTERN AND WESTERN EQUINE ENCEPHALITIS VIRUSES	\$502,847
2007	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	RC1AI078513	DEVELOPMENT OF NEW DRUGS THAT PROTECT GASTROINTESTINAL TRACT FROM RADIATION	\$0
2007	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI071979	DEVELOPMENT OF N-PEPTIDES FOR USE IN HIV-1 TOPICAL MICROBICIDES	\$0
2007	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$0
2007	TRUDEAU INSTITUTE	NY	F32AI066684	THE FUNCTION OF SAP IN T CELL HELP FOR B CELLS	-\$37,178
2007	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U19AI056362	AUTOIMMUNITY CENTERS OF EXCELLENCE	\$0
2007	UNIVERSITY OF ROCHESTER	NY	R56AI072049	TLR-4 IN LIVER IMMUNOREGULATION	\$0
2007	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI071944	TOPICAL IMMUNE MODULATORY STRATEGIES TO PREVENT HIV TRANSMISSION	\$0
2007	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R15AI072718	BACTERIOPHAGE CONTROL OF DNA REPAIR IN STREPTOCOCCUS PYOGENES	\$0
2007	THOMAS JEFFERSON UNIVERSITY	PA	U01AI056456	FOCUSING IMMUNITY VS BOTULINUM TOXIN WITH CYTOKINE DNA	\$0

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2007	SOUTH DAKOTA STATE UNIVERSITY	SD	R15AI072757	GERMINAL CENTER FUNCTION IN PRION DISEASE	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI071440	INNATE IMMUNE RESPONSES IN REOVIRUS INFECTION	-\$3,483
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI057933	HUMAN ANTIBODY RESPONSES TO ROTAVIRUS	\$0
2007	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	RC1AI078514	DEVELOPMENT OF A NOVEL GASTROINTESTINAL RADIOMITIGATOR	\$0
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052428	PHYLOGENETIC APPROACH TO PLANT ALLERGY VACCINES	\$0
2007	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI067803	CHARACTERIZATION OF MURINE CD244 HAPLOTYPES WITH DIVERGENT FUNCTION	\$0
2007	UNIVERSITY OF VIRGINIA	VA	R01AI037293	IMMUNOBIOLOGY OF EXPERIMENTAL RSV INFECTION	\$0
2007	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI078517	IMPROVING GASTROINTESTINAL RECOVERY AFTER RADIATION	\$0
2007	UNIVERSITY OF WASHINGTON	WA	P01AI054564	COMBINED APPROACH TO BROADLY PROTECTIVE AIDS VACCINES	\$0
2007	UNIVERSITY OF WISCONSIN, OSHKOSH	WI	R15AI067295	MOLECULAR BASIS OF INFECTIVITY OF BRUGIA MALAYI MICROFILARIAE	\$0
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F31AI056675	ROLE OF SIGMA FACOTRS IN HETEROLOGOUS GENE EXPRESSION	-\$18,315
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI065067	THE GENETIC BASIS OF SIGNALING NETWORK IN A GUT MICROB	-\$38,744
2006	UNIVERSITY ENTERPRISES INC	CA	R15AI068444	SYNTHESIS OF NOVEL WATER-SOLUBLE GLYCODENDRIMERS AS ANTI-HIV AGENTS	\$0
2006	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI043638	SOUTHERN CALIFORNIA PRIMARY INFECTION PROGRAM	\$0
2006	NORTHWESTERN COLLEGE	IA	R15AI070584	NEUROPHYSIOLOGICAL AND NEUROPHARMACOLOGICAL STUDIES OF A PARASITIC NEMATODE	\$0
2006	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI060232	SINGLE-MOLECULE IMAGING STUDIES OF THE POLYOMAVIRUSES	-\$10,449
2006	BOSTON UNIVERSITY	MA	UC6AI058618	NATIONAL CENTER/EMERGING INFECTIOUS DISEASES & BIODEFENSE	\$0
2006	MARINE BIOLOGICAL LABORATORY	MA	R01AI021401	FUNCTION OF MRNA EDITING IN TRYPANOSOMES	\$0
2006	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$0
2006	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC6AI058588	NATIONAL BIOCONTAINMENT LABORATORY (NBL)	\$0
2006	SYNTRIX BIOSYSTEMS INC	WA	R43AI068282	AMINOTREXATE A NOVEL STRATEGY TO REPLACE METHOTREXATE IN PSORIASIS	\$0

Issue Date FY: 2009 (Subtotal = \$2,567,901,871)

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF VICTORIA		R01AI051334	Extracellular Matix Adhesins of Treponema pallidum	\$240,045
2009	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$271,869
2009	STELLENBOSCH UNIVERSITY		U01AI069521	STELLENBOSCH UNIVERSITY CLINICAL TRIAL UNIT, CAPE TOWN, SOUTH AFRICA	\$1,422,798
2009	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$1,035,825
2009	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U01AI069411	HIV/AIDS CLINICAL TRIAL UNIT IN NCAIDS, CHINA CDC	\$1,512,597
2009	ETH ZURICH		U01AI074523	DEVELOPMENT OF ANTI-INFLUENZA AGENTS BY A SYSTEMS BIOLOGY APPROACH	\$324,713
2009	HOSPITAL UNIV CLEMENTINO FRAGA FILHO		U01AI069414	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO CLINICAL TRIALS UNIT	\$594,876
2009	UNIVERSITY OF CAPE TOWN		R01AI075603	DIAGNOSTIC YIELD OF INDUCED SPUTUM FOR RAPID DIAGNOSIS OF PULMONARY TUBERCULOSIS	\$79,461
2009	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$4,725,422
2009	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078864	IMMUNITY TO AND PATHOGENESES OF M. TUBERCULOSIS AND M. AVIUM INFECTIONS IN MICE	\$81,000
2009	FEDERAL UNIVERSITY OF MINAS		R03AI066253	DOUBLE NEGATIVE, CD4-CD8- T CELLS IN HUMAN LEISHMANIASIS	\$54,000
2009	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		R01AI078933	BUILDING CAPACITY IN EVIDENCE-BASED HIV PREVENTION RESEARCH FOR MSM IN CHINA	\$77,054
2009	UNIVERSITY OF BRITISH COLUMBIA		R01AI076483	DEVELOPMENT OF A CHLAMYDIA T CELL VACCINE BASED ON DENDRITIC CELL IMMUNOPROTEMICS	\$216,000
2009	UNIVERSITY OF CALGARY		U01AI077764	GLANDERS VACCINE DEVELOPEMENT	\$590,862
2009	SIMON FRASER UNIVERSITY		R21AI080190	EXPLORING ANTIBODY RECOGNITION OF THE V3 REGION ON HIV-1 TO GUIDE VACCINE DESIGN	\$146,232
2009	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI078891	INTERACTION OF BRUCELLA ABORTUS WITH THE HOST IMMUNE SYSTEM: STUDY OF TWO NEW IMM	\$81,000
2009	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI069387	MODELING LYMPHATIC FILARIASIS TRANSMISSION AND ERADICATION IN PAPUA NEW GUINEA	\$132,435
2009	BAR ILAN UNIVERSITY		R56AI061062	BIOINFORMATIC ANALYSIS OF THE DETAILED IMMUNE SYSTEM EPITOPE REPERTOIRE	\$145,004
2009	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$286,158
2009	UTRECHT UNIVERSITY MEDICAL SCHOOL		R01AI064576	IMMUNOGENICITY OF LISTERIA-DERIVED ANTIGENS	\$200,916

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	RESEARCH INSTITUTE FOR HEALTH SCIENCES		U01AI069399	CHIANG MAI UNIVERSITY HIV/AIDS CLINICAL TRIALS UNIT	\$1,300,750
2009	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$385,224
2009	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$0
2009	UNIVERSITY OF QUEENSLAND		U01AI066321	ATTENUATED WEST NILE VIRUS VACCINE	\$237,405
2009	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$596,916
2009	BIOTA SCIENTIFIC MANAGEMENT		U01AI070263	INNOVATIVE INFLUENZA THERAPEUTIC AND PROPHYLACTIC FOR BIODEFENSE APPLICATIONS	\$1,615,004
2009	TWINSTRAND THERAPEUTICS, INC.		U01AI075450	DEVELOPMENT OF MEDICAL COUNTERMEASURES TO RICIN POISONING	\$1
2009	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI083162	NOVEL NUCLEOSOME COMPOSITION AND MODIFICATIONS IN PROTOZOAL PARASITE TOXOPLASMA G	\$114,934
2009	NATIONAL INSTITUTE OF IMMUNOLOGY		R01AI075459	SIGNALING IN PLASMODIUM FALCIPARUM: ROLE OF PFPLC AND PFPKB	\$56,290
2009	WALTER & ELIZA HALL INSTITUTE OF MEDICAL RESEARCH		R01AI044008	ADHERENCE OF MALARIA-INFECTED RED CELLS	\$200,916
2009	UNIVERSITY OF TORONTO		R01AI067683	CHARACTERIZATION OF ANTHRAX LETHAL TOXIN	\$257,189
2009	UNIVERSITY OF BRITISH COLUMBIA		R01AI053721	Comparative and functional genomics of C. neoformans	\$254,989
2009	HIV-NAT, THE THAI RED CROSS AIDS RCH CTR		R01AI075408	PREDICTORS OF IMMUNOLOGIC LONG-TERM NON-PROGRESSION IN CHILDREN WITH HIV	\$79,461
2009	KUNMING MEDICAL COLLEGE		R01AI075429	POPULATION BIOLOGY OF MALARIA DRUG RESISTANCE IN YUNNAN	\$81,497
2009	UNIVERSITY OF BRITISH COLUMBIA		U01AI074449	ADJUVANTS AND VIROSOMAL VACCINES FOR THE ELDERLY	\$259,726
2009	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$1,835,578
2009	SHANDONG PROVINCIAL CHEST HOSPITAL		R01AI075465	HUMAN GENETIC SUSCEPTIBILITY TO TUBERCULOSIS IN CHINESE HAN POPULATION	\$80,789
2009	ST GEORGES HOSPITAL MEDICAL SCHOOL		R21AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$146,732
2009	INSTITUTE FOR RESEARCH IN BIOTECHNOLOGY FOUNDATION		R01AI075589	VIRULENCE FACTORS IN THE PATHOGENESIS OF CHAGAS DISEASE	\$81,000
2009	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		R01AI082597	Proteome-wide cellular immunity approach to P. falciparum antigen identification	\$594,219
2009	SIMON FRASER UNIVERSITY		R21AI076176	ORIGIN OF ANTIBODIES WITH LONG CDR-H3 LOOPS IN HIV INFECTION & AUTOIMMUNE DISEASE	\$197,164
2009	UNIVERSITY OF CAPE TOWN		R33AI073182	BCG AS AN HIV VACCINE VECTOR	\$323,467

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2009	UNIVERSIDAD DE BUENOS AIRES		R01AI079007	SIGNALING PATHWAYS THAT REGULATE IFN-G PRODUCTION IN HUMAN TUBERCULOSIS.	\$70,838
2009	TVW TELETHON INSTITUTE FOR CHILD HEALTH RESEARCH		R21AI078511	GENE EXPRESSION PATTERNS IN EARLY LIFE ALLERGY	\$123,612
2009	UNIVERSIDADE FEDERAL DE SAO PAULO		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$471,889
2009	NATIONAL AIDS RESEARCH INSTITUTE		R03AI067001	MOLECULAR EPIDEMIOLOGY/HIV/STD PATIENTS/IVDUS/INDIA	\$52,974
2009	QUEEN'S UNIVERSITY KINGSTON		R01AI048626	MODULATION OF CELL SIGNALING PATHWAYS BY ALPHAHERPESVIRUS TEGUMENT COMPONENTS	\$211,896
2009	DRUGS FOR NEGLECTED DISEASES INITIATIVE		U01AI075726	DEVELOPMENT OF A LOW COST FORMULATION OF AMPHOTERICIN B	\$659,448
2009	UNIVERSITY OF TORONTO		U01AI056546	DEVELOPMENT AND TESTING OF POLYVALENT ANTHRAX TOXIN INHIBITORS	\$1,153,320
2009	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$2,829,387
2009	MALAWI COLLEGE OF MEDICINE		R01AI075587	PK-PD MODELS TO IDENTIFY RATIONAL ANTIMALARIAL COMBINATION THERAPY	\$78,559
2009	THAI RED CROSS SOCIETY		U19AI053741	HIV RESEARCH PROGRAM IN THAILAND AND CAMBODIA	\$648,553
2009	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$81,000
2009	UNIVERSITY OF BRITISH COLUMBIA		R21AI080279	CHROMOSOME COPY NUMBER VARIATION AND AIDS-ASSOCIATED CRYPTOCOCCOSIS	\$146,497
2009	MCMASTER UNIVERSITY		U01AI076208	A RANDOMIZED TRIAL OF INFLUENZA VACCINATION OF HUTTERITE CHILDREN	\$508,766
2009	UNIVERSIDAD PERUANA CAYETANO		R01AI075575	REGULATORY T CELLS IN AMERICAN TEGUMENTARY LEISHMANIASIS	\$81,000
2009	UNIVERSITY OF BAHIA		R01AI079238	IMMUNOLOGICAL RESPONSE, VIRAL FACTORS AND HELMINTH INFECTIONS IN DISEASE EXPRESSI	\$81,000
2009	STOCKHOLM UNIVERSITY		F32AI075773	TUNING TWO-COMPONENT SIGNALING SYSTEMS WITH PROTEIN-MEMBRANE INTERACTIONS	\$39,360
2009	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U19AI051915	CHINA'S INTEGRATED PROGRAMS FOR RESEARCH ON AIDS	\$1,200,000
2009	ASOCIACION CIVIL IMPACTA SALUD Y EDUCACION		U01AI069438	THE IMPACTA PERU CLINICAL TRIALS UNIT	\$2,000,073
2009	OXFORD UNIVERSITY, DEPT OF BIOCHEMISTRY & GENETICS LAB		R01AI046995	HLA-associated control-lack of control in HIV infection	\$422,528
2009	THE GHESKIO CENTERS		U01AI069421	GHESKIO HIV CLINICAL TRIAL UNIT	\$1,563,916
2009	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$5,188,582

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	CSIRO MOLECULAR & HEALTH TECHNOLOGIES		R01AI062721	MECHANISMS OF INFLUENZA NA DRUG RESISTANCE	\$257,189
2009	UNIVERSIDAD PERUANA CAYETANO		P50AI074285	INNOVATIVE APPROACHES TO DIAGNOSIS AND CONTROL OF CHAGAS DISEASE (PERU TMRC)	\$640,981
2009	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$718,575
2009	Makerere University Faculty of Medicine		R01AI075637	CELL TO CELL SIGNALING IN MYCOBACTERIA	\$79,461
2009	UNIVERSITY OF ANTIOQUIA		R03AI076710	MALARIA VECTORS IN TWO MAJOR ENDEMIC AREAS OF COLOMBIA	\$75,800
2009	UNIVERSITY OF STOCKHOLM		F32AI075773	TUNING TWO-COMPONENT SIGNALING SYSTEMS WITH PROTEIN-MEMBRANE INTERACTIONS	\$15,700
2009	MOI UNIVERSITY COLLEGE OF HEALTH SCIENCES		R01AI084381	CAUSES OF EARLY MORTALITY IN HIV-INFECTED AFRICANS ON ANTIRETROVIRAL THERAPY	\$110,668
2009	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$94,777
2009	UNIVERSITY OF ADELAIDE		R01AI068715	CHARACTERIZATION OF A NOVEL AB5 CYTOTOXIN	\$264,871
2009	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$688,682
2009	UNIVERSITY OF WARWICK		U01AI065869	CELL RESPONSES TO, AND PROTEINS EXPLOITED BY, TOXINS	\$109,490
2009	UNIVERSITY OF ALBERTA		U01AI061233	ULTRASENSITIVE BISPECIFIC ANTIBODY ASSAY FOR SARS VIRUS	\$177,730
2009	MCGILL UNIVERSITY		R01AI035237	Genetic determinants of susceptibility to mycobacterial infections	\$175,801
2009	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		U01AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$324,000
2009	LA TROBE UNIVERSITY		R01AI059229	INHIBITORY EPITOPES IN MALARIA VACCINE CANDIDATES	\$186,033
2009	IMPERIAL COLLEGE LONDON		R01AI065545	CHLAMYDIAL INVASION OF NON-PHAGOCYtic CELLS	\$232,422
2009	UNIVERSITY DEL NORTE		R01AI075523	RESPIRATORY SYNCYTIAL VIRUS TARGETS RAFTS FOR PENETRATION AND IMMUNOMODULATION	\$76,793
2009	FLINDERS UNIVERSITY OF SOUTH AUSTRALIA		U01AI061142	NOVEL VACCINE ADJUVANTS TO COUNTER BIOTERRORIST THREATS	\$555,009
2009	FUDAN UNIVERSITY		R01AI075463	SOCIAL AND BIOMEDICAL RISK FACTORS FOR MULTI-DRUG RESISTANT TB IN RURAL CHINA	\$81,702
2009	UNIVERSIDADE DE SAO PAULO		R03AI066961	HIV-1 PROTEASE CD4+ T CELL EPITOPES AND DRUG-INDUCED MUTATIONS	\$52,974
2009	MONASH UNIVERSITY		R01AI079330	TARGETING MDR HETERO-RESISTANT GRAM-NEGATIVES: PK/PD FOR RATIONAL COMBINATIONS	\$605,890

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2009	UNIVERSITY OF CAPE TOWN		R01AI065653	PROTECTIVE IMMUNITY INDUCED BY NEWBORN BCG VACCINATION	\$502,091
2009	UNIVERSIDADE DE SAO PAULO		R01AI075416	POPULATION STRUCTURE AND TRANSMISSION DYNAMICS OF PLASMODIUM VIVAX	\$78,600
2009	COMMONWEALTH SCIENTIFIC & INDUST RES ORG		R21AI072396	SCREENING OF A SMALL MOLECULE LIBRARY FOR NIPAH VIRUS ANTIVIRALS	\$134,663
2009	LIVERPOOL SCHOOL OF TROPICAL MEDICINE		R01AI082734	DEVELOPMENT OF A FIELD APPLICABLE SCREENING TOOL (FAST) KIT FOR DETECTING RESISTA	\$436,314
2009	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$4,791,396
2009	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$266,008
2009	UNIVERSITY OF UMEA		R01AI060689	DEVELOPMENT OF LIVE FRANCISELLA TULARENSIS VACCINES	\$251,144
2009	SHOKLO MALARIA RESEARCH UNIT		R01AI075588	EVALUATION OF LOOP-MEDIATED ISOTHERMAL AMPLIFICATION FOR RAPID MALARIA DIAGNOSIS	\$79,461
2009	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$1,101,631
2009	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING & BIOTECH		R01AI076192	IMMUNE EVENTS, TRANSCRIPTOMICS AND BIOMARKERS IN HEPATITIS E PATHOGENESIS	\$79,462
2009	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$257,189
2009	INSTITUT DE GENETIQUE MOLECULAIRE DE MONTPELLIER		R01AI059349	ZAP-70 DEFICIENCY: A MODEL FOR GENE THERAPY STUDIES	\$196,200
2009	STARPHARMA, LTD		U19AI060598	DEVELOPMENT OF DENDRIMER AND COMBINATION MICROBICIDES	\$757,912
2009	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$81,000
2009	UNIVERSITY OF CAPE TOWN		R01AI083145	LIPID MEDIATED FORMATION OF HEMOZOIN	\$99,209
2009	UNIVERSIDADE FEDERAL DE MINAS GERAIS		R03AI066044	THE ROLE OF CD28- CELLS IN HUMAN CHAGAS' DISEASE	\$52,974
2009	GHENT UNIVERSITY		R21AI083690	ROLE OF INTERLEUKIN-1 IN MEDIATING EPITHELIAL-DENDRITIC CELL CROSSTALK IN THE LUN	\$107,576
2009	UNIVERSITY OF CAPE TOWN		R01AI084387	THE ROLE OF CD4+ MEMORY SUBSETS AND IMMUNE ACTIVATION IN HIV DISEASE PROGRESSION	\$107,392
2009	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI082537	STUDYING THE OVIPOSITION OF ANOPHELES GAMBIAE: THE DEVELOPMENT OF NOVEL TOOLS FOR	\$530,288
2009	FUNDACAO OSWALDO CRUZ		U01AI069476	THE FIOCRUZ THERAPEUTIC AND PREVENTION HIV/AIDS CLINICAL TRIALS UNIT (FIOTRIALS)	\$4,557,836

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2009	UKZN INNOVATION (PTY) LTD		U01AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$2,855,468
2009	INSTITUTE OF MATERIA MEDICA		U01AI061092	DEVELOPMENT OF PEPTIDE-BASED VACCINE AGAINST SARS-COV	\$342,664
2009	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$7,377,106
2009	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	\$20,612,927
2009	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE		R01AI045108	DEVELOPMENT AND PERSISTENCE OF MEMORY T LYMPHOCYTES	\$292,119
2009	INSTITUT PASTEUR DE TUNIS		P50AI074178	Key Determinants Of The Natural History Of Leishmania major Infection	\$502,715
2009	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$1,291,182
2009	FEDERAL UNIVERSITY OF BAHIA		R03AI067663	THE POLYMORPHISM AND BIOLOGY OF LEISHMANIA BRAZILIENSIS INFECTION	\$54,000
2009	INSTITUTE OF PRIMATE RESEARCH, NATL MUSEUMS OF KENYA		R01AI075682	THE EFFECT OF SCHISTOSOMIASIS ON SEVERE MALARIA IN A PRIMATE MODEL	\$81,000
2009	UNIVERSITY OF CAPE TOWN		R01AI083156	MECHANISMS OF IMMUNE REGULATION IN MYCOBACTERIUM TUBERCULOSIS INFECTION	\$108,000
2009	SMBD-JEWISH GENERAL HOSPITAL		R01AI077387	DEVELOPMENT OF THE GAG/LYSYL TRNA SYNTHETASE INTERACTION AS A TARGET FOR ANTI-HIV	\$612,285
2009	INSTITUTE OF BIOTECHNOLOGY		R01AI083084	DECIPHERING THE FUNCTION OF MCE PROTEINS FROM MYCOBACTERIUM TUBERCULOSIS	\$99,810
2009	UNIVERSITY OF RIJEKA		R01AI083201	VIRAL EVASION OF NK CELLS	\$85,949
2009	FEDERAL UNIVERSITY OF MINAS		R03AI071057	SPATIAL CLUSTERING PRE AND POST-TREATMENT FOR SCHISTOSOMIASIS AND GEOHELMINTHS	\$54,000
2009	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078899	CELLULAR AND MOLECULAR PATHWAYS OF TUBERCULOSIS PROGRESSION	\$108,000
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077457	HTS FOR INHIBITORS OF HIV-1 LATENCY ESTABLISHMENT	\$694,163
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$482,494
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$326,250
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$696,335
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K02AI076123	HETEROGENEITY IN CYTOKINE RESPONSES TO HIV-1 INFECTION	\$100,764
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI062950	NEW INFLUENZA A NEURAMINIDASE INHIBITORS FOR BIODEFENSE	\$302,421
2009	SOUTHERN RESEARCH INSTITUTE	AL	R01AI068517	STRUCTURE OF M. TUBERCULOSIS ADENOSINE KINASE AND DESIGN OF ANTIMICROBIAL NUCLE	\$350,864

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2009	VAXIN PHARMACEUTICALS, INC	AL	R44AI068285	IN-OVO VACCINATION/AVIAN INFLUENZA/BIRD/HUMAN	\$277,604
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI081624	RECENT ADVANCES IN AIDS AND HIV RESEARCH	\$28,450
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI084772	HIV-1 CRYPTIC EPITOPES: IMPLICATIONS FOR VACCINE DESIGN	\$522,788
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$362,500
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064815	CHARACTERIZATION OF COMPLEMENT C3-CONVERTASES	\$304,514
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069452	ALABAMA-CLINICAL TRIALS UNIT	\$3,475,698
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI015035	PERMEABILITY OF THE EPIDEMIC TYPHUS RICKETTSIA	\$574,821
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI028147	NOVEL VLP-BASED MUCOSAL AND SYTEMIC HIV VACCINES	\$127,075
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$521,935
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI063565	CMV SUBUNIT VACCINE IN YOUNG WOMEN AT RISK	\$475,689
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$123,664
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$289,678
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI083484	TH17 CELL REGULATION OF INTESTINAL IGA PRODUCTION	\$219,625
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$362,500
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083255	Structural basis for mobilization of S. aureus pathogenicity islands	\$379,281
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI082966	IL- 21 AND IMMUNE MEDIATED VIRAL CONTROL	\$460,868
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$385,461
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064848	TANDEMLY REPETITIVE PROTEINS IN MYCOPLASMAS	\$311,841
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063432	PORINS OF MYCOBACTERIUM TUBERCULOSIS	\$338,347
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$346,491
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050066	ASSEMBLY OF THE NEGATIVE STRANDED RNA VIRUS CORE	\$312,474
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067993	HELPER-DEPENDENT CD8 T CELL MEMORY	\$277,192
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$2,296,333
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076562	THE ROLE OF CD5 IN B-CELL DEVELOPMENT AND AUTOIMMUNITY	\$362,500
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI078449	IMMUNOGLOBULIN CDR-H3 AND NEUTRALIZING ANTIBODIES TO HIV	\$278,336

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2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI083613	INDUCTION OF IMMUNITY IN HUMAN GENITAL TRACT: EFFECT OF INTRANASAL IMMUNIZATION	\$219,625
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$127,665
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI083632	COPPER TRANSPORT IN MYCOBACTERIUM TUBERCULOSIS	\$365,833
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$284,490
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI047300	STRUCTURE STUDIES ON PROTEINS THAT MODULATE IL-10 ACTION	\$355,613
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$320,051
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$626,574
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035783	POST-THYMIC T-CELL FUNCTIONAL HETEROGENEITY	\$311,841
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$3,096,387
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI069505	ROLE OF IMMUNOGENETIC DETERMINANTS ON HUMAN GENITAL CHLAMYDIAL INFECTION	\$127,764
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI059428	CYTOMEGALOVIRUS AND CHRONIC RENAL ALLOGRAFT REJECTION	\$108,994
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$328,969
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$329,063
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072577	MOLECULAR EPIDEMIOLOGY, VIRULENCE, AND GENOMIC CHARACTERIZATION OF UREAPLASMAS	\$417,235
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI031473	IMPACT OF A NEW GROUP 6 SEROTYPE ON PNEUMOCOCCAL VACCINES	\$248,929
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044626	BIOPHYSICAL STUDIES OF HIV ASSEMBLY AND MATURATION	\$385,731
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI069509	PNEUMOCOCCAL CONJUGATE VACCINES AND OLD ADULTS	\$281,682
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069569	LIPOSOMAL RECOMBINANT VACCINE AND CARIES IMMUNITY	\$550,153
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI076056	SURVIVAL FACTORS REGULATING THE HIV-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSE	\$135,544
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI080364	THE ROLE OF MATRIX COFACTORS IN SIVCPZ REPLICATION	\$181,250
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R33AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$478,470
2009	SOUTHERN RESEARCH INSTITUTE	AL	R01AI043241	PURINE ANALOG ANTI-MYCOBACTERIAL DRUG DEVELOPMENT	\$452,871

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2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$2,786,202
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R37AI020384	GENETIC ANALYSIS OF RICKETTSIA PROWAZEKII	\$400,355
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI064613	MORTALITY IN TRANSPLANT PATIENTS WITH ASPERGILLOSIS	\$100,535
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI048115	THE ROLE OF IMMUNOGLOBULIN CDRH3 IN AUTOIMMUNE DISEASE	\$435,069
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$50,400
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$513,234
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI081591	HIV-1 CAPSID PROTEIN/CYCLOPHILIN-A COMPLEX : A STRUCTURAL STUDY	\$206,154
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067467	FUNCTIONAL ROLE OF FC RECEPTOR HOMOLOGS ON B LINEAGE CELLS	\$320,051
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$304,514
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$657,796
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$983,072
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073521	MECHANISM OF CELL SURFACE ASSEMBLY CATALYZED BY SORTASES	\$361,450
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074438	DYSREGULATION OF IGA RESPONSES IN HIV-1- INFECTED INDIVIDUALS	\$474,902
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI080669	FUSION INHIBITORS OF INFLUENZA VIRUS	\$359,079
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI074778	MOLECULAR EPIDEMIOLOGY OF PLASMODIUM REICHENOWI	\$72,500
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072647	REGULATION OF B LYMPHOCYTE SURVIVAL AND DIFFERENTIATION BY HSH2	\$320,051
2009	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI059267	MECHANISMS OF RNA VIRUS-HOST INTERACTION	\$237,657
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K25AI064625	CYTOKINE SIGNALING NETWORK RESPONSE TO SMALLPOX VACCINE	\$109,916
2009	FOODSOURCE LURE CORPORATION	AL	R41AI078631	DELIVERY SYSTEM DEVELOPMENT FOR A RESERVOIR TARGETED LYME DISEASE VACCINE	\$299,696
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI079741	HLA*B ASSOCIATED GENES AND MEMORY B CELLS IN PATIENTS WITH CVID	\$210,750
2009	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	F32AI078662	THE ROLE OF IL-10 SECRETING MZ B CELLS IN RESPONSE TO A BACTERIAL CHALLENGE	\$47,210
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI069087	DETECTION, DIAGNOSIS AND TREATMENT OF MUSCULOSKELETAL INFECTION	\$347,961

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2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI074935	REGULATION OF BIOFILM FORMATION IN CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS	\$317,750
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI038991	IMMUNITY TO CHLAMYDIAL GENITAL INFECTION	\$345,300
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	K22AI081753	FUNCTIONAL CHARACTERIZATION OF COXIELLA BURNETII DOT/ICM SUBSTRATES	\$162,000
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI070789	VIRULENCE FACTORS OF CLINICAL MTB STRAINS WITH ENHANCED GROWTH IN MACROPHAGES	\$156,107
2009	VEGRANDIS INC	AR	R43AI081352	ANTE-MORTEM DIAGNOSTICS FOR PRION INFECTION	\$174,713
2009	OCEAN NANOTECH LLC	AR	R43AI084299	QUANTUM DOTS AND MAGNETIC NANOPARTICLES FOR ANTE-MORTEM DIAGNOSIS OF PRION INFECTION	\$270,509
2009	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	K08AI077932	IMMUNOREGULATORY NETWORKS IN CHLAMYDIA GENITAL TRACT INFECTION	\$132,300
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI037027	CAPSULE REGULATORY NETWORK IN S. AUREUS PATHOGENESIS	\$290,000
2009	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Biennial Meeting of the Chlamydia Basic Research Society	\$5,000
2009	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$315,637
2009	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI067857	REGULATION OF STAPHYLOCOCCUS AUREUS BIOFILM BY RBF	\$355,613
2009	UNIVERSITY OF ARKANSAS	AR	R01AI078357	HA Surface Presented Yeast Flu Vaccine and Its Enhancement by CD154 Codisplay	\$308,234
2009	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI066581	REAL-TIME PCR ASSAYS FOR DIRECT DETECTION OF SEPSIS AND CAP PATHOGENS	\$626,212
2009	UNIVERSITY OF ARIZONA	AZ	R01AI067903	TRANSFORMING GROWTH FACTOR BETA IN T-CELL HOMEOSTASIS AND TOLERANCE	\$365,528
2009	ARIZONA STATE UNIVERSITY	AZ	R21AI073928	DEVELOPMENT OF A PLANT-DERIVED VIRUS-LIKE PARTICLE VACCINE AGAINST SARS-COV	\$226,548
2009	UNIVERSITY OF ARIZONA	AZ	R01AI046541	REGULATION OF ENERGY METABOLISM IN INSECTS	\$323,629
2009	VALLEY FEVER THERAPIES	AZ	R42AI074157	EXPERIMENTAL PHARMACOLOGY AND CHEMICAL STUDIES OF NIKKOMYCIN Z	\$350,567
2009	UNIVERSITY OF ARIZONA	AZ	R01AI068414	STRUCTURED PROTEIN SCAFFOLDS FOR PHAGE -DISPLAY	\$280,974
2009	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$381,250
2009	UNIVERSITY OF ARIZONA	AZ	R13AI082822	TWENTY FIFTH FUNGAL GENETICS CONFERENCE	\$12,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF ARIZONA	AZ	R01AI031951	REGULATION OF DIGESTION IN BLOOD-SUCKING INSECTS	\$323,629
2009	UNIVERSITY OF ARIZONA	AZ	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	\$370,532
2009	ARIZONA STATE UNIVERSITY	AZ	F31AI075538	ROLE OF CORONAVIRUS MEMBRANE PROTEIN CARBOXY TAIL VIRUS ASSEMBLY	\$36,248
2009	UNIVERSITY OF ARIZONA	AZ	R01AI042268	IMMUNOLOGIC, GENETIC AND EXPOSURE-RELATED PATHWAYS TO CHILDHOOD ASTHMA	\$727,536
2009	UNIVERSITY OF ARIZONA	AZ	R21AI076715	MOUSE MODELS FOR THE FUNCTIONAL ANALYSIS OF ASTHMA-ASSOCIATED HUMAN POLYMORPHISMS	\$193,386
2009	UNIVERSITY OF ARIZONA	AZ	R01AI079030	ROLE OF NEISSERIA GCP IN TFP DYNAMICS AND INVASION	\$385,484
2009	ARIZONA STATE UNIVERSITY	AZ	R01AI046428	GENE EXPRESSION IN MYCOBACTERIUM TUBERCULOSIS	\$312,886
2009	UNIVERSITY OF ARIZONA	AZ	R01AI066096	CRITICAL DETERMINANTS OF CD8+ T-CELL-MEDIATED PROTECTION	\$348,277
2009	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$370,982
2009	UNIVERSITY OF ARIZONA	AZ	R01AI068033	GC TFP RETRACTION AND STRESS-RESPONSIVE HOST SIGNALING	\$359,588
2009	ARIZONA STATE UNIVERSITY	AZ	U01AI075549	PLANT-DERIVED MAB THERAPEUTICS FOR WEST NILE VIRUS	\$500,838
2009	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI075568	BURKHOLDERIA: INTERNATIONAL COLLABORATIVE DEVELOPMENT OF NOVEL DIAGNOSTICS	\$912,735
2009	UNIVERSITY OF ARIZONA	AZ	R01AI073745	INSULIN, IGF AND INSULIN SIGNALING: EFFECTS ON ANOPHELES LIFESPAN AND IMMUNITY	\$500,464
2009	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI078577	MIRNA HD ARRAY PLATFORM	\$516,831
2009	UNIVERSITY OF ARIZONA	AZ	R56AI081742	DYNAMIC REGULATION OF EPITHELIAL CELL SURVIVAL BY ENTEROPATHOGENIC E. COLI	\$252,136
2009	BLOOD SYSTEMS INC	AZ	R01AI074986	MODELING VIRAL ENTRY AND ITS INHIBITION USING SARS-COV	\$403,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067423	TARGETING ALLOSTERIC STUDIES TO MODULATE PROTEIN INTERACTIONS AND FUNCTION	\$335,946
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI073911	HUMORAL RESPONSES TO LYME BORRELIOSIS: A MOUSE MODEL	\$376,123
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$579,410
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI071468	MECHANISM OF MHC CLASS I CRYPTIC PEPTIDE TRANSLATION	\$53,354
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$372,781

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2009	UNIVERSITY OF CALIFORNIA	CA	R01AI026815	MOUSE MODEL OF LYME BORRELIOSIS	\$456,554
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$335,939
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$353,462
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$457,867
2009	STANFORD UNIVERSITY	CA	R01AI053724	INVESTIGATING ENTAMOEBIA HISTOLYTICA COLONIC PATHOGENESIS	\$393,302
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064586	T CELL EXPANSION AND COLITIS IN IMMUNODEFICIENT MICE	\$440,665
2009	STANFORD UNIVERSITY	CA	U01AI069556	STANFORD AIDS CLINICAL TRIALS UNIT	\$912,290
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI020001	PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	\$774,070
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069536	UNIVERSITY OF CALIFORNIA, SAN DIEGO CLINICAL TRIAL UNIT	\$1,120,724
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$370,287
2009	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$400,620
2009	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$404,029
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI026765	Impact of host protein dynamics on picornavirus RNA 5 noncoding region functions	\$369,666
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$358,084
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI056212	THYMECTOMY AND IMMUNITY IN CONGENITAL HEART DISEASE	\$116,370
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI035811	CYTOSKELETON AND SIGNAL TRANSDUCTION IN HOST DEFENSE	\$352,300
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$473,750
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065841	DISSECTING THE HLA CONTRIBUTION TO RHEUMATOID ARTHRITIS	\$497,559
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069350	RETARGETING OF RETROVIRAL VECTORS	\$341,020
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068090	UNDERSTANDING IMMUNOPATHOGENESIS OF HEPATITIS B VIRUS	\$367,923
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI063927	BACTERIAL STI AND INNATE IMMUNITY IN HIV SUSCEPTIBILITY	\$751,912
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$451,272
2009	J DAVID GLADSTONE INSTITUTES	CA	U01AI064002	CHEMOPROPHYLAXIS FOR HIV PREVENTION IN MEN	\$7,860,058
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$451,272

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2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R37AI024716	REGULATION OF VITELLOGENIC GENES IN THE MOSQUITO	\$519,004
2009	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$309,996
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$451,986
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052778	HIV CORECEPTOR SWITCHING	\$451,272
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI066885	PATHOGENESIS OF ATHEROSCLEROSIS IN HIV PATIENTS ON HAART	\$121,770
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI075985	VIROLOGIC AND HOST FACTORS CONTRIBUTING TO HIV CONTROL IN ELITE CONTROLLERS	\$125,820
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036953	REGULATION OF TRANSCYTOSIS OF POLYMERIC IMMUNOGLOBULINS	\$281,840
2009	MAXYGEN INC	CA	P01AI056375	DEVELOPMENT OF NOVEL IMMUNOGENS FOR VACCINES TO HIV-1	\$2,335,750
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI067395	IMMUNOLOGICAL SECRETOMES OF THE EARLY ANTHRAX INFECTION	\$231,041
2009	SCRIPPS RESEARCH INSTITUTE	CA	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,536,276
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI032738	Novel Defensins in Human Epithelial Tissues	\$314,701
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$593,586
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059475	FUNCTIONAL DIVERSITY IN PRE-IMMUNE HELPER T CELLS	\$440,665
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI078869	INNATE IMMUNE REGULATION OF INFLAMMATION AND ADAPTIVE IMMUNITY	\$1,817,670
2009	SIDNEY KIMMEL CANCER CENTER	CA	R21AI079584	THE ROLE OF MMP ACTIVITY IN T CELLS DURING INFLUENZA VIRUS PATHOGENESIS	\$12,154
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$312,878
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI077386	BINDING BETWEEN HIV-1 RT AND IN AND ITS FUNCTIONAL SIGNIFICATION	\$218,244
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,798,098
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$3,657,000
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$332,974
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI068854	DETERMINANTS OF SCHISTOSOMIASIS RE-EMERGENCE	\$450,959
2009	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI066483	DEVELOPMENT OF AN INHIBITORY OLIGONUCLEOTIDE FOR THE TREATMENT OF LUPUS	\$932,510
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$363,782
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$230,748

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2009	STANFORD UNIVERSITY	CA	R01AI062794	LIGANDS OF GAMMA DELTA T CELL ANTIGEN RECEPTORS	\$362,934
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080715	BACTERIAL QUORUM SENSING AS TARGET FOR ANTI-INFECTIVE IMMUNOTHERAPY	\$473,750
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI072834	METHYLATION IN ANTIBIOTIC BIOSYNTHESIS: METHYLCOBALAMIN-RADICAL SAM ENZYMES	\$249,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$464,749
2009	STANFORD UNIVERSITY	CA	R01AI077599	Aspergillus Genome Database	\$776,220
2009	J DAVID GLADSTONE INSTITUTES	CA	R21AI080409	EFFECTS OF MENOPAUSE ON T-CELL IMMUNITY IN HIV-INFECTED WOMEN	\$146,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI081229	ALLELES THAT REPORT ON QUANTITATIVE DIFFERENCES IN PRIOR GENE EXPRESSION	\$226,309
2009	MOLECULAR EXPRESS, INC	CA	R43AI074163	VIRUS ELECTRODES FOR FUNGAL PATHOGEN DETECTION	\$62,430
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI080717	UTILITY OF CONTACT INVESTIGATION OF DRUG SUSCEPTIBLE AND RESISTANT TB IN TANZANI	\$115,750
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI078625	KAPOS'S SARCOMA-ASSOCIATED HERPESVIRUS (KSHV) EVASION OF NATURAL KILLER CELLS	\$51,710
2009	ID FISH TECHNOLOGY INC	CA	R43AI075793	MULTIPLEX TB-M.AVIUM COMPLEX FLUORESCENT IN SITU HYBRIDIZATION ASSAY, DIRECT FROM	\$331,069
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080564	IFN-A AND PDC IN HIV INFECTION: IMPACT ON T CELL DEVELOPMENT AND RECONSTITUTION	\$364,715
2009	ID FISH TECHNOLOGY INC	CA	R44AI075745	TB-FISH (FLUORESCENT IN SITU HYBRIDIZATION) ASSAY FOR DIRECT DETECTION OF M. TUBE	\$999,123
2009	MAXYGEN INC	CA	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$300,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI082190	SMALL MOLECULE THERAPEUTICS FOR BOTULLINUM NEUROTOXIN A	\$1,236,662
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076476	EFFECT OF DRUG RESISTANCE ON TRANSMISSIBILITY AND PATHOGENICITY OF M. TUBERCULOSI	\$735,528
2009	WAVE 80 BIOSCIENCES INC	CA	R43AI080454	INTERMODULATION PEAK DETECTION OF BRANCHED DNA FOR COMPACT-APPARATUS VIRAL LOAD M	\$299,852
2009	STANFORD UNIVERSITY	CA	F32AI081448	PATHOGEN DETECTION SIGNALING NETWORK ANALYSIS OF SELECTIVITY AND SENSITIVITY	\$45,218
2009	SOCIOMETRICS CORPORATION	CA	R43AI083071	HIV/AIDS PREVENTION PROGRAM REPLICATION AND ADAPTATION (HAPPRA) ONLINE TRAINING	\$297,067

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2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071084	PROBING THE ANTIBODY RESPONSE TO HCV TO FACILITATE RATIONAL IMMUNOGEN DESIGN	\$626,844
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI082357	A NOVEL CYTOSOLIC IMMUNOSURVEILLANCE PATHWAY	\$229,938
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI083991	DISABLING OF THE ANAPHASE PROMOTING COMPLEX BY HUMAN CYTOMEGALOVIRUS	\$225,614
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079060	Immunological Priming to Hepatitis B Virus	\$474,750
2009	MAGNESENSORS, INC	CA	R43AI084298	ULTRA-SENSITIVE MAGNETIC ASSAYS FOR QUANTITATIVE DETECTION OF NUCLEIC ACIDS WITHO	\$185,239
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077661	INTESTINAL PHYSIOLOGY IN THE HOST RESPONSE TO ENTERIC SALMONELLA INFECTIONS	\$508,373
2009	LA JOLLA BIOENGINEERING INSTITUTE	CA	R01AI082610	NITRIC OXIDE RESTORATION & HEME DETOXIFICATION AS ADJUNCTIVE THERAPIES FOR CEREBR	\$425,250
2009	STANFORD UNIVERSITY	CA	K01AI084582	IMPROVING THE PUBLIC HEALTH IMPACT OF HIV TESTING IN HIGHLY ENDEMIC REGIONS	\$130,273
2009	STANFORD UNIVERSITY	CA	U19AI082719	AUTOIMMUNITY CENTER OF EXCELLENCE (ACE) AT STANFORD	\$707,559
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083540	FUNCTIONAL CHARACTERIZATION OF CXCL14, CXCL17, AND CCL28; THREE MUCOSAL CHEMOKINE	\$217,056
2009	J DAVID GLADSTONE INSTITUTES	CA	F32AI068531	CHROMATIN DYNAMICS IN A MODEL OF LATENT HIV INFECTION	\$51,710
2009	IGE THERAPEUTICS INC	CA	R43AI082770	BI-FUNCTIONAL THERAPEUTICS FOR ALLERGY-BFTA	\$300,000
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI071803	POTENT NEW NUCLEOSIDE ANALOGS FOR DRUG RESISTANT HIV	\$339,917
2009	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI065937	B CELL REGULATION OF DIABETOGENIC ACTIVITY	\$446,355
2009	UNIVERSITY OF CALIFORNIA	CA	R21AI077373	A RHESUS MACAQUE MODEL OF SIV-MALARIA CO-INFECTION	\$109,750
2009	SOMAGENICS, INC	CA	R43AI074214	AN RNAI TROJAN HORSE FOR TREATMENT OF HEPATITIS C.	\$300,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI074242	MICROARRAY- BASED ALLELIC VARIATION SCANNING OF PLASMODIUM VIVAX	\$50,054
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047140	REVERSE GENETICS OF ARENAVIRUSES.	\$426,375
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072115	SIGLEC-F AND RESOLUTION OF ALLERGIC INFLAMMATION	\$347,625
2009	STANFORD UNIVERSITY	CA	R21AI075254	IMMUNE CELL DYSFUNCTION IN SJIA	\$237,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI068896	FUNCTION OF MICRORNA IN PRO-INFLAMMATORY GENE EXPRESSION	\$464,749
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$243,467

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030475	TRANSLATION REGULATION IN GIARDIA LAMBLIA	\$444,221
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$1,299,996
2009	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI067548	STRUCTURE AND FUNCTION OF THE PROKARYOTIC CYTOSKELETON BY ELECTRON CRYOTOMOGRAPHY	\$326,377
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI067952	AAV AND THE DNA DAMAGE MACHINERY	\$406,787
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$319,512
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$457,522
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI046776	MECHANISMS OF IMMUNE TOLERANCE INDUCED IN MURINE LUPUS	\$453,538
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhoptries in Host Cell Infection	\$323,656
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$281,840
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067460	CYTOKINE GENE REGULATION BY MODIFICATION OF ARGININE RESIDUES	\$451,272
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$287,421
2009	STANFORD UNIVERSITY	CA	R01AI041014	DEVELOPMENTAL BIOLOGY OF TOXOPLASMA	\$345,299
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$367,923
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059146	TARGETING COFACTOR BIOSYNTHESIS IN BIODEFENSE PATHOGENS	\$378,130
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R37AI048034	REGULATION OF NF-KAPPA B	\$817,698
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$795,295
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064677	IMMUNODEFICIENCY AND AUTOIMMUNITY	\$434,715
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$356,128
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI065244	THE DETERMINANTS OF T CELL ACTIVATION IN HIV INFECTION	\$148,722
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI061167	RECEPTOR EDITING IN AUTOIMMUNE AND NORMAL MICE	\$389,066
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$383,333
2009	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$353,697
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI068449	FACTORS/HIV-1 NEF'S ABILITY TO DIRECT IMMUNE EVASION	\$65,126
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065233	INNOVATIVE METHODS FOR MEASURING ANTIRETROVIRAL EXPOSURE	\$577,513
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI051667	SECRETION OF VIRULENCE FACTORS BY MYCOBACTERIUM TUBERCULOSIS	\$476,684

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065519	SYSTEMATIC GENETIC ANALYSIS OF FUNGAL VIRULENCE	\$347,914
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$290,916
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$372,488
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$338,077
2009	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI071725	HIV INFECTION, ANTIRETROVIRAL THERAPY, CANCER INCIDENCE AND PROGRESSION	\$140,344
2009	CEDARS-SINAI MEDICAL CENTER	CA	R01AI074832	ANTIOXIDANT-BASED MECHANISMS USED BY STAPHYLOCOCCUS AUREUS TO EVADE HOST DEFENSES	\$389,948
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$101,208
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01DK078013	ACHIEVING THERAPEUTIC ANTIGENT-SPECIFIC TOLERANCE IN TYPE 1 DIABETES	\$444,056
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI069341	MEASURING ENTOMOLOGICAL RISK FOR DENGUE	\$441,752
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$320,224
2009	MAPP BIOPHARMACEUTICAL INC	CA	U01AI061270	MONOCLONAL ANTIBODIES IN BIODEFENSE: EBOLA VIRUSES	\$1,610,165
2009	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$1,694,391
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074760	MANIPULATION OF THE ACTIN CYTOSKELETON BY SPOTTED FEVER GROUP RICKETTSIA	\$369,770
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R21AI079584	THE ROLE OF MMP ACTIVITY IN T CELLS DURING INFLUENZA VIRUS PATHOGENESIS	\$226,845
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069545	CLINICAL CENTER: MEDICAL /QUALITY OF LIFE OUTCOMES /LIVE KIDNEY OR LUNG DONATION	\$483,622
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI070494	DEVELOPMENT OF AN EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$828,365
2009	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$254,897
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068498	T REGULATORY CELLS IN HIV INFECTION	\$367,507
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AR055075	CYTOKINES AS PREDICTORS OF DISEASE PROGRESSION IN SCLERODERMA LUNG DISEASE	\$323,441
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068818	HOW IL-10R BLOCKADE CAN RESOLVE PERSISTENT VIRAL INFECTIONS	\$417,170
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$359,276
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$478,036
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078791	VIROCIDE AS AN ANTI-HIV MICROBICIDE CANDIDATE	\$284,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$130,842

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	STANFORD UNIVERSITY	CA	K08AI079269	MECHANISMS OF B CELL RESPONSES TO A NOVEL ADJUVANT FOR INFLUENZA VACCINE	\$130,599
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077822	NOVEL THERAPEUTICS FOR CLASS B PROTOZOA	\$1,371,947
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI070091	ANTIFUNGAL DRUG SUSCEPTIBILITY OF CRYPTOCOCCUS NEOFORMANS	\$319,806
2009	VIROGENICS INC	CA	R43AI080434	A NOVEL IMMUNE MODULATOR/ ADJUVANT FOR HIV VACCINES	\$299,657
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$406,787
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R03AI076011	SUPPRESSORS OF CYTOKINE SIGNALING (SOCS) IN HAART-TREATED HIV INFECTION	\$78,240
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074694	REGULATION OF LYMPHOCYTE TRAFFICKING BY S1P1 AND CD69	\$309,000
2009	OAK CREST INSTITUTE OF SCIENCE	CA	R21AI079791	INTRAVAGINAL RING MICROBICIDE FORMULATIONS COMPRISING MULTIPLE ANTI-HIV AGENTS	\$236,769
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$319,479
2009	STANFORD UNIVERSITY	CA	R21AI078505	INTERFERING WITH PROTEIN-PROTEIN INTERACTION FOR THE TREATMENT OF LEISHMANIASIS	\$200,878
2009	SCRIPPS RESEARCH INSTITUTE	CA	R33AI071952	SYNDECAN AGONISTS AND ANTAGONISTS AS MICROBICIDES	\$531,750
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080397	ASSESSING THE CLINICAL CONSEQUENCES OF HIV DRUG RESISTANCE	\$231,750
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI076246	HOST INTERACTIONS OF SALMONELLA TYPHIMURIUM	\$539,014
2009	NESHER TECHNOLOGIES INC	CA	R43AI078635	RAPID, HIGHLY MULTIPLEXED AND SENSITIVE BLOOD TEST FOR DRUG-RESISTANT BACTERIA	\$299,999
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076614	TRANSLATIONAL STUDIES OF PLASMODIUM FALCIPARUM INFECTION DYNAMICS	\$121,770
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI081719	ACTIVATED TARGETED KILLER (ATAK) CELLS FOR INVASIVE FUNGAL INFECTIONS	\$347,350
2009	PLANET BIOTECHNOLOGY INC	CA	R43AI084300	AN IMMUNOADHESIN THERAPY FOR GASTROINTESTINAL ANTHRAX	\$159,096
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083619	METAL WITHHOLDING RESPONSES IN THE GUT MUCOSA	\$229,500
2009	STRATA VARIOUS PRODUCT DESIGN	CA	R43AI084145	RAI CONDOM: FEASIBILITY & ACCEPTABILITY STUDY, PHASE 1 PILOT CLINICAL RESEARCH	\$828,188
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI080778	PATHOGENESIS OF LUPUS DERMATITIS	\$385,000
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI078272	MECHANISMS OF PROTEIN UBIQUITINATION IN REGULATING AIRWAY INFLAMMATION	\$411,750

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2009	SAN FRANCISCO STATE UNIV	CA	SC2AI089120	MALARIA ERYTHROCYTE BINDING-LIKE GENES & HOST SPECIFICITY IN A NATURAL POPULATION	\$153,500
2009	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R01AI083060	PREVENTION UMBRELLA FOR MSM IN THE AMERICAS	\$745,211
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI083851	MECHANISM OF CHLAMYDIA-INDUCED CENTROSOME AMPLIFICATION	\$184,446
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI075045	Resistance of Malaria Parasites to Artemisinin-Based Therapies	\$436,735
2009	UNIVERSITY OF CALIFORNIA	CA	R56AI080931	CHEMICAL STUDIES IN BACTERIAL CELL BIOLOGY	\$373,069
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI087627	GENETIC HETEROGENIETY OF THE HYPER IGE SYNDROME	\$231,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI067943	SURVIVAL ANALYSIS METHODS FOR TRANSPLANTATION STUDIES	\$248,243
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI065605	RISK FACTORS AND SUSCEPTIBILITY IN GONOCOCCAL INFECTION	\$384,317
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI053728	A MENINGOCOCCAL LOS VACCINE	\$380,138
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI036964	EPITHELIAL T CELL SECRETION OF TISSUE SPECIFIC CYTOKINES	\$426,375
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050834	SPONTANEOUS AUTOIMMUNE MODEL OF PERIPHERAL NEUROPATHY	\$341,020
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI050468	Cytomegalovirus virulence in immunodeficient hosts	\$361,524
2009	STANFORD UNIVERSITY	CA	R01AI047365	STRUCTURE AND FUNCTION OF THE HEPATITIS C VIRUS GENOME	\$362,764
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI020038	REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	\$360,779
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI059492	REVERSE GENETICS OF MOSQUITO SYSTEMIC IMMUNITY	\$477,075
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$367,923
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI050839	THE EFFECT OF SEX CHROMOSOMES ON IMMUNE RESPONSES	\$359,276
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$386,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064738	RNAI AS AN INTERCELLULAR ANTIVIRAL DEFENSE MECHANISM	\$318,921
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$386,250
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059447	PHOSPHOLIPID SIGNALING IN B LYMPHOCYTES	\$881,079
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059777	CELL CYCLE INHIBITION IN SYSTEMIC AUTOIMMUNITY	\$440,665

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$367,923
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$334,396
2009	STANFORD UNIVERSITY	CA	R01AI038459	GENETIC AND CELLULAR BASICS OF H. PYLORI PATHOGENESIS	\$403,060
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045860	INTERLEUKIN 15 RECEPTOR AND LYMPHOID HOMEOSTASIS	\$331,131
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$313,932
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI061354	LEISHMANIASIS TREATMENT: MACROPHAGE SCAVENGER RECEPTOR	\$368,838
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$504,492
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI022160	STRUCTURE AND ASSEMBLY OF TYPE IV PILI & RELATED SYSTEMS	\$347,149
2009	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$3,040,455
2009	STANFORD UNIVERSITY	CA	R01AI065504	MOLECULAR BASIS OF GAMMA DELTA TCR LIGAND RECOGNITION	\$297,652
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068063	CELL DEATH AND ANTIBODY-MEDIATED PROTECTION FROM AUTOIMMUNITY	\$350,207
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$427,275
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI060379	CELL MEDIATED IMMUNITY IN HIV INFECTED CHILDREN	\$293,864
2009	STANFORD UNIVERSITY	CA	R01AI067712	SURFACE PROTEIN DYNAMICS IN LIVE BACTERIAL PATHOGENS	\$240,311
2009	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$562,817
2009	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	F32AI071772	SUPPRESSOR CD8+ T CELLS IN HIV INFECTION	\$59,402
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R37AI022931	MOLECULAR ASPECTS OF LEUKOCYTE ANTIMICROBIAL PEPTIDES	\$315,628
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI022931	MOLECULAR ASPECTS OF LEUKOCYTE ANTIMICROBIAL PEPTIDES	\$38,997
2009	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI043986	GENETIC ANALYSIS OF BORDETELLA PATHOGENESIS	\$267,171
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059472	EXPERIMENTAL ANNOTATION OF THE P. FALCIPARUM GENOME	\$440,665
2009	PLANET BIOTECHNOLOGY INC	CA	R44AI053005	NOVEL THERAPY FOR PULMONARY ANTHRAX	\$203,797
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$520,963
2009	STANFORD UNIVERSITY	CA	T32AI052073	Clinical Epidemiology of Infectious Diseases	\$128,084
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055332	ANTIBODY EFFECTOR FUNCTION IN PROTECTION AGAINST HIV-1	\$532,354
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$378,911

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2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI047822	INTESTINAL LYMPHOCYTE TRAFFICKING	\$333,393
2009	STANFORD UNIVERSITY	CA	K08AI067458	POPULATION GENETICS OF M. TUBERCULOSIS DURING DISEASE EPIDEMICS	\$116,505
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$468,118
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI044864	GENERATING ANTIGENIC PEPTIDE/MHC BY CRYPTIC TRANSLATION	\$367,049
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI074810	EMERGENCE OF HUMAN MONKEYPOX IN CENTRAL AFRICA	\$121,770
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$464,749
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIostatISTICS TRAINING FOR AIDS RESEARCH	\$179,063
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070351	EFFECTS OF INSULIN-DEPENDENT DIABETES RESISTANCE ALLELES ON CD8 TOLERANCE IN NOD	\$703,237
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069015	HCMV ENVELOPE AND TEGUMENT STRUCTURES: MECHANISMS OF VIRAL ENTRY AND ASSEMBLY	\$292,610
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI042488	CENTROSOMAL PROTEINS IN GIARDIA DIFFERENTIATION	\$378,911
2009	STANFORD UNIVERSITY	CA	F32AI080093	RECONSTITUTION OF POLIOVIRUS AND HCV RNA REPLICATION COMPLEXES ON MEMBRANES	\$47,210
2009	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$1,750,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	U24AI082657	DISCOVERY AND ANALYSIS OF SYNTHETIC TLR AGONISTS AND ANTAGONISTS	\$664,650
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$379,000
2009	MAPP BIOPHARMACEUTICAL INC	CA	R43AI081392	MONOCLONAL ANTIBODY SEB IMMUNOPROTECTANT	\$299,844
2009	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$626,417
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI074022	A NOVEL COMPUTATIONAL MODEL OF B CELL SIGNALING AND ACTIVATION	\$284,822
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI082493	FUNCTIONAL ANALYSIS OF PHOSPHOLIPASE D4	\$284,850
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	F32AI082935	THE STRUCTURE, DYNAMICS AND FUNCTION OF THE PORE-FORMING TOXIN OF ANTHRAX	\$44,846
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U19AI083025	HOST-PATHOGEN COMPETITION IN IFN MEDIATED ANTIVIRAL DEFENSE	\$1,969,262
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI084386	INTERNATIONAL LEPTOSPIROSIS SOCIETY MEETING 2009	\$10,000

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2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081668	HIV-1 VPU AND BST-2/CD317	\$354,000
2009	CEDARS-SINAI MEDICAL CENTER	CA	R21AI078427	ROLE OF NUCLEAR FACTOR TOX IN GERMINAL CENTER REACTIONS	\$203,125
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI080147	ORAL WASH FOR NUCLEIC ACID DIAGNOSIS AND PROGNOSIS OF TB IN HIV-INFECTED UGANDANS	\$122,288
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083432	Novel lymphocyte-specific Rab GTPase in T cell differentiation	\$385,000
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI084544	EARLY MORTALITY IN HIV INFECTED PATIENTS STARTING ANTIRETROVIRAL THERAPY IN AFRIC	\$125,010
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI078208	ROLE(S) OF VEGF IN RESOLUTION OF INFLAMMATION	\$186,120
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$205,875
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI073488	HUMAN GENETIC SUSCEPTIBILITY TO TROPICAL INFECTIOUS DISEASES	\$126,630
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI083355	RIG-I AND TRIM25 MEDIATED IMMUNE SURVEILLANCE AGAINST VIRUS	\$448,250
2009	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI082740	MULTIEPITOPE CIRCUMSPOROZOITE P.FALCIPARUM MALARIA SUBUNIT VACCINE DISPLAYED ON V	\$594,705
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI084418	ROLE OF CTCF IN V(D)J REARRANGEMENT	\$47,210
2009	RETROVIROX INC	CA	R43AI081603	SMALL-MOLECULE INHIBITORS OF HIV-INDUCED RECEPTOR DOWNMODULATION	\$296,875
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI082229	RAPID TESTS FOR DRUG RESISTANCE TO DETECT EXTENSIVELY DRUG-RESISTANT TUBERCULOSIS	\$2,478,524
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI076396	THE ROLE OF TRANSMETHYLATION REACTIONS IN AUTOIMMUNITY	\$474,750
2009	CASCADE LIFESCIENCES INC	CA	R43AI082759	HYALURONAN FACILITATES HEMATOPOIETIC RECOVERY FOLLOWING IONIZING IRRADIATION	\$395,680
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R13AI083185	THE 5TH INTERNATIONAL LEUKOCYTE SIGNAL TRANSDUCTION WORKSHOP	\$10,000
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI084573	VITAMIN D INHIBITION OF HIV AND M. TUBERCULOSIS COINFECTION IN MACROPHAGES	\$231,750
2009	STANFORD UNIVERSITY	CA	R01AI076434	NEW PERSPECTIVE ON INNATE ANTIBODIES IN MICE	\$204,619
2009	VERDEZYNE INC	CA	R42AI066758	CODA ASSEMBLY OF MUTANT GENES	\$1,119,744
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI084109	INTERRUPTION OF MATERNAL-FETAL TRANSMISSION OF HIV	\$545,915

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2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$172,591
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$380,736
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070967	IN VIVO ANALYSIS OF T LYMPHOCYTES IN THE PERSISTENTLY INFECTED CNS	\$464,749
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI077304	DETECTION AND CHARACTERIZATION OF HIV-1 INTRACLADE DUAL INFECTION	\$173,125
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI072391	INTEGRATIVE EXPERIMENTAL AND THEORETICAL STUDIES OF THE MECHANICS OF PHAGOCYTOSIS	\$333,616
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI078224	PROBING THE GERMLINES OF BROADLY NEUTRALIZING ANTI-HIV ANTIBODIES IN KNOCKIN MICE	\$757,589
2009	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$397,500
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067888	RECOMBINANT C. TRACHOMATIS VACCINE	\$374,006
2009	ID FISH TECHNOLOGY INC	CA	R44AI056785	Plasmodium Genus and PFV Fluorescent In Situ Hybridization (FISH) Assay Kit for d	\$784,882
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$333,676
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI081923	Inhibitory Pathways Underlying Viral Persistence In Vivo	\$379,684
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$380,365
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R03AI074465	FEASIBILITY OF CCR5 INHIBITORS IN PREVENTING MATERNAL TO INFANT SIV TRANSMISSION	\$87,106
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI052065	HCV AND HIV PROGRESSION IN WOMEN ON HAART	\$651,390
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040696	REGULATION OF HBV REPLICATION BY THE IMMUNE SYSTEM	\$473,750
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI051970	IMMUNE PRESSURE ON HIV-1 NEF BY CYTOTOXIC T LYMPHOCYTES	\$441,264
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052348	Biochemical and Functional Analysis of Trypanin	\$373,344
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067981	MECHANISMS OF DINITROANILINE ACTION, SELECTIVITY AND RESISTANCE	\$325,824
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$360,779
2009	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI012520	MECHANISM OF INTERFERON ACTION	\$335,730
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI057695	SNPS IN HANDLING OF SMALL POX ANTIVIRALS AND OTHER DRUGS	\$329,612
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI074372	STRUCTURE DETERMINATION OF IMMUNODEFICIENCY VIRUS ENV SPIKE	\$51,710
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$367,923

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2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059572	POTENT AND SAFE INHIBITORS OF B. ANTHRACIS LETHAL FACTOR	\$680,436
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$167,787
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$331,131
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI074076	2007 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$8,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$601,513
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064709	PREVENTING HUMAN PRION DISEASES - INACTIVATION OF PRIONS	\$735,784
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047163	MECHANISM OF HOST CELL INVASION BY MICROBIAL PATHOGENS	\$206,166
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI057840	MODULATING LYMPHOTOXINS FOR VIRAL DEFENSES	\$502,604
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$301,497
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056258	MOLECULAR PATHOGENESIS OF LEPTOSPIROSIS	\$580,565
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$423,451
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$352,533
2009	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptry function	\$510,175
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$402,428
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072133	WHOLE CELL AND ESSENTIAL ENZYME SCREENING ASSAYS FOR MYCOTHIOIOL BIOSYNTHESIS	\$313,672
2009	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI067949	PATHOGEN-HOST INTERACTIONS THAT REMODEL THE CYTOSKELETON	\$438,228
2009	J DAVID GLADSTONE INSTITUTES	CA	P01AI058708	MOLECULAR MECHANISMS OF HIV POST-INTEGRATION LATENCY	\$1,888,930
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$341,929
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$378,911
2009	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI073295	VACCINE REFUSAL: CLINICAL IMPACT AND PARENTAL ATTITUDES	\$114,730
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068546	UNDERSTANDING HOW HIV-1 VPU AND HIV-2 ENV STIMULATE VIRUS RELEASE	\$361,017
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI066943	GENDER EFFECTS OF HIV AND HCV ON LIPODYSTROPHY, GLUCOSE DISORDERS, AND STEATOSIS	\$121,770

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	STANFORD UNIVERSITY	CA	R01AI070813	EXPRESSION AND MODULATION OF MAST CELL FUNCTION IN ASTHMA	\$491,939
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$294,338
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI070453	XENOBIOTICS, OXIDATIVE STRESS AND ALLERGIC INFLAMMATION	\$1,344,708
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$595,644
2009	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$250,525
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$338,673
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$451,272
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI059346	STUDIES OF ALPHA-DEFENSINS IN PRIMATE INNATE IMMUNITY	\$330,294
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI080002	TOLERANCE MAINTENANCE AND ITS BREAKDOWN IN FOOD ALLERGY	\$192,500
2009	IBIS BIOSCIENCES INC	CA	R44AI078694	RAPID HIGH-THROUGHPUT MYCOBACTERIUM TUBERCULOSIS GENOTYPING	\$379,163
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI073467	IMPACT OF FLUOROQUINOLONE RESISTANCE ON PSEUDOMONAS VIRULENCE AND PATIENT OUTCOME	\$203,541
2009	UNIVERSITY OF CALIFORNIA	CA	F32AI074329	A NOVEL CLASS OF GLYCOCONJUGATES FOR THE PREVENTION OF HIV ENTRY	\$50,054
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI072052	MECHANISMS OF ALS VACCINE PROTECTION AGAINST S. AUREUS	\$362,730
2009	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$388,376
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI049453	THE MOLECULAR BASIS OF OX40 ON CD4 T CELLS	\$425,250
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI064853	NEONATAL IMMUNITY AGAINST C. TRACHOMATIS INFECTIONS	\$229,500
2009	STANFORD UNIVERSITY	CA	R01AI069164	ADAPTATION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$365,342
2009	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R43AI068239	AN ORALLY DELIVERED HEPATITIS B VACCINE	\$295,299
2009	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$156,350
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI078885	IDENTIFYING MICROORGANISMS INVOLVED IN HUMAN HEALTH AND DISEASE PROCESSES	\$356,168
2009	PARALLEL SYNTHESIS TECHNOLOGIES	CA	R43AI079995	OPTICAL ENCODING TECHNOLOGY FOR VIRAL SCREENING PANELS	\$70,934
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI074057	OPTIMIZATION OF HPMPA AND CDV ANALOGS FOR TREATMENT OF SMALLPOX	\$541,123

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2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI079302	A NOVEL APPROACH TO THE DEVELOPMENT OF A SYPHILIS VACCINE USING RABBIT MONOCLONAL	\$192,500
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073539	ROLE OF VITAMIN D PROHORMONE 25-OHD IN THE INNATE IMMUNE RESPONSE TO TUBERCULOSIS	\$385,000
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI076961	HYDROGEN DEUTERIUM EXCHANGE MAPPING OF CHEMOKINE RECEPTOR COMPLEX INTERFACES	\$231,750
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI070955	IDENTIFICATION OF VACCINE ANTIGENS BASED ON EXPRESSION IN BLOOD	\$400,000
2009	UNVERSIYTY OF CALIFORNIA, REGENTS	CA	R21AI079777	COMBINATIONS OF ENTRY INHIBITORS AS ANTI HIV-1 MICROBICIDES	\$198,644
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI076059	Human Endogenous Retroelements in HIV Immunopathogenesis	\$387,484
2009	J DAVID GLADSTONE INSTITUTES	CA	K22AI076139	APOBEC3G AND RNA GRANULES: RESTRICTING HIV INFECTION AND ALU RETROTRANSPOSITION	\$108,000
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI081078	REGULATION OF T CELL ANERGY BY PALMITOYL ACYL TRANSFERASES	\$228,750
2009	STANFORD UNIVERSITY	CA	T32AI078896	Training Grant Pediatric Infectious Diseases: Viral Infections in Children	\$60,815
2009	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R13AI081440	INTERNATIONAL CONFERENCE ON LYMPHOPOIESIS, T-CELL DIFFERENTIATION AND IMMUNE RECO	\$10,000
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$2,737,083
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI079436	MODULATION OF THE INNATE IMMUNITY BY BACTERIAL SIGNALING MOLECULES	\$284,250
2009	DYNAVAX TECHNOLOGIES CORPORATION	CA	R43AI082839	INHIBITORS OF TOLL-LIKE RECEPTORS 7 & 9 FOR TREATMENT OF SKIN INFLAMMATION	\$359,430
2009	ARIDIS PHARMACEUTICALS LLC	CA	R43AI081400	INHALABLE GALLIUM NITRATE ANTI-INFECTIVE POWDER FOR CF	\$299,960
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$311,793
2009	STANFORD UNIVERSITY	CA	F32AI082930	THE MOLECULAR BASIS OF HEPATITIS C CLINICAL RESISTANCE TO INTERFERON THERAPY	\$56,702
2009	SCRIPPS RESEARCH INSTITUTE	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$8,500
2009	J DAVID GLADSTONE INSTITUTES	CA	R01AI083139	Role of Factor Acetylation in the Regulation of HIV Transcription	\$382,000
2009	STANFORD UNIVERSITY	CA	K08AI080945	PROTEOMIC ANALYSES OF PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS	\$130,761
2009	LAWRENCE BERKELEY LABORATORY	CA	R01AI082376	PAN GENOMIC DISCOVERY OF GENES TOXIC TO BACTERIA	\$402,580

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2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078910	INNATE IMMUNE RESPONSE TO STAPHYLOCOCCUS AUREUS IN SKIN	\$346,500
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI021256	Immunobiology of B Cell Differentiation	\$375,675
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073737	B CELLS IN CNS AUTOIMMUNITY	\$390,885
2009	INVESTIGEN INC	CA	R43AI081405	UTILITY OF SMARTDNA WITH SPUTUM SMEARS	\$144,947
2009	AVIDBIOTICS CORPORATION	CA	R43AI084295	ENGINEERED R-TYPE PYOCINS AS BACTERICIDAL AGENTS AGAINST E.COLI O157:H7	\$317,576
2009	SCRIPPS RESEARCH INSTITUTE	CA	R33AI076005	INHIBITORS OF HIV-DENDRITIC CELL INTERACTIONS AS MICROBICIDES	\$554,825
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079665	TARGETING THE PROCESSING OF THE ARENAVIRUS GLYCOPROTEIN FOR ANTI-VIRAL THERAPY.	\$474,750
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI074967	MECHANISMS OF APOBEC3A INHIBITION	\$484,025
2009	SCRIPPS RESEARCH INSTITUTE	CA	R56AI079319	THE CONTRIBUTION OF PROTEIN DYNAMICS TO ANTIBODY AFFINITY MATURATION	\$433,475
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R56AI081321	CROSS-BORDER DYNAMICS OF MDR/XDR-TB EPIDEMIOLOGY BY HIV STATUS IN TIJUANA, MEXICO	\$597,502
2009	SCRIPPS RESEARCH INSTITUTE	CA	R56AI066146	DEVELOPMENT OF IMMUNE MODULATORS VIA CHEMICAL GENETICS	\$474,750
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$20,000
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078477	PROTECTIVE IMMUNITY AGAINST HIV: THE ROLE OF IGG SUBCLASS AND GLYCOSYLATION	\$188,300
2009	VICAL, INC	CA	R42AI065015	HERPES SIMPLEX IMMUNOTHERAPEUTIC VACCINE	\$999,845
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077177	GLOBAL ANALYSIS OF PROTEOLYSIS IN THE INNATE IMMUNE RESPONSE	\$47,210
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$473,650
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073656	INTERLEUKIN-2 AND AUTOIMMUNE DISEASE	\$386,250
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072996	QUANTITATIVE ANALYSIS OF CELLULAR SIGNALING IN VIRAL LATENCY	\$50,054
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070845	INOSITOL-TRISPHOSPHATE KINASE B (ITPKB) IN T CELL DEVELOPMENT AND FUNCTION	\$473,750
2009	STANFORD UNIVERSITY	CA	R01AI039624	T-CELLS IN LUNG INFLAMMATION	\$351,899
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$256,757
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$724,023
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039548	THE ENDOGENOUS MHC CLASS I ANTIGEN PROCESSING PATHWAY	\$377,351
2009	STANFORD UNIVERSITY	CA	R01AI037683	DONOR CELL FACILITATION OF TOLERANCE	\$510,004

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2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069401	UCLA LOS ANGELES BRAZIL AIDS CONSORTIUM	\$3,130,868
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$473,750
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055860	SIGNAL TRANSDUCTION NETWORKS IN BACILLUS ANTHRACIS	\$464,749
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI045999	MOLECULAR TARGETS OF BLOCKING MALARIA TRANSMISSION	\$367,923
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$472,500
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI043203	HIV-1 ESCAPE FROM INHIBITION BY CYTOTOXIC T LYMPHOCYTES	\$388,300
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$376,231
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$440,040
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$451,986
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI045927	ARENAVIRUS RECEPTOR-STRUCTURE/FUNCTION STUDIES	\$406,144
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$169,393
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI068621	CHARACTERIZATION OF GENE EXPRESSION IN T. VAGINALIS	\$9,111
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$354,999
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$3,339,112
2009	STANFORD UNIVERSITY	CA	F31AI073198	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$41,176
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039001	MICROBICIDAL PROTEINS FROM PLATELETS	\$345,575
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$349,451
2009	STANFORD UNIVERSITY	CA	R01AI008619	ANTIMICROBIAL RESISTANCE IN BACTERIA	\$553,823
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$379,965
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI059709	IMMUNOMODULATION OF INFLAMMATORY DISEASE BY ATORVASTATIN	\$408,554
2009	ICHOR MEDICAL SYSTEMS	CA	R43AI084263	DEVELOPMENT OF A VEEV, WEEV, EEEV DNA VACCINE DELIVERED BY ELECTROPORATION	\$299,495
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068472	HIV VACCINATION VIA INHIBITION OF CYTOKINE SIGNALING INHIBITORS	\$349,348
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040312	HIV EFFECTS ON THE CENTRAL HEMATOLYMPHOID SYSTEM	\$548,386
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI058153	MATHEMATICAL MODELS OF PROGRAMMED CTL PROLIFERATION	\$106,389

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2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K23AI064161	IMPROVING ASSESSMENT OF MRSA & VRE TRANSMISSION IN ICUS	\$133,920
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$588,867
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$352,300
2009	STANFORD UNIVERSITY	CA	R37AI038972	STRUCTURAL STUDIES OF IGE RECEPTORS	\$301,006
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI074043	IN VIVO ADA GENE DELIVERY FOR THE TREATMENT OF SCID	\$455,581
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$319,652
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$441,363
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$638,280
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$4,337,799
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	TESTING IN VIVO OF HIV-IMMUNOPATHOGENIC HYPOTHESES USING NEW KINETIC TECHNIQUES	\$429,517
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$535,303
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$296,755
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061452	PROTEIN TRANSLOCATION BY THE TYPE III SECRETION SYSTEM	\$419,377
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI066917	VARIATION IN IMMUNE ACTIVATION IN HIV-1 INFECTED PERSONS	\$121,770
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI019990	CANDIDA ADHERENCE & PENETRATION OF VASCULAR ENDOTHELIUM	\$317,486
2009	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$621,795
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$512,881
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI076972	PROGRAMMING OF CD8+ T CELL TOLERANCE BY B CELL APC	\$613,334
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$9,625,099
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$2,551,193
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI070495	SMALL MOLECULE INHIBITORS OF NIPAH AND HENDRA VIRUS INFECTION	\$682,624
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$405,454
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI071204	DIVERSITY-GENERATING RETROELEMENTS IN PHAGE AND BACTERIAL GENOMES	\$353,907
2009	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI064590	EARLY T CELL CHECKPOINT VIOLATION IN NOD MICE	\$341,418

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2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI062770	MOLECULAR PATHWAYS TO T-LINEAGE COMMITMENT	\$359,276
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI007620	TRAINING IN INFECTIOUS DISEASES AND IMMUNITY RESEARCH (T32 AI007620)	\$152,153
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069058	TRICHOMONAS PATHOGENESIS: CELL SURFACE INTERACTIONS	\$370,299
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070390	USING LIPIDS FOR VACCINATION	\$758,772
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	K23AI076106	PLASMA AND GENITAL HIV DYNAMICS IN WOMEN	\$92,763
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078123	POLE CELL ISOLATION FROM THE MOSQUITOES, AEDES AEGYPTI AND ANOPHELES STEPHENSI	\$191,146
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072504	VARIABLE PROTEINS OF DIVERSITY-GENERATING RETROELEMENTS	\$295,754
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075527	NEXT-GENERATION 5-NITROIMIDAZOLES AGAINST GIARDIASIS	\$910,179
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077199	THE ROLE OF DC'S TOLERANCE	\$47,210
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$398,519
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072012	NEW ANTIVIRAL THERAPIES FOR HEPATITIS C INFECTION	\$364,481
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$371,799
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076632	CARBON MONOXIDE IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	\$121,770
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072414	THE HUMAN ANTIBODY RESPONSE TO METAPNEUMOVIRUS: PROPHYLAXIS AND VACCINE DESIGN	\$610,931
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074074	SOLUBLE T CELL RECEPTOR STUDIES ON MHC RESTRICTION	\$416,778
2009	UNIVERSITY OF CALIFORNIA	CA	R21AI079173	PATHOGENESIS OF S. TYPHIMURIUM BACTEREMIA	\$190,000
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI071433	CHARACTERIZING THE WHITE/OPAQUE PHENOTYPIC SWITCH CIRCUITRY IN CANDIDA ALBICANS	\$55,310
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI074913	VIRUS DETECTION USING MICROARRAYS AND CHARACTERIZATION OF A NOVEL CARDIOVIRUS	\$125,415
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$190,363
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070902	THE IMMUNOGENETICS OF MACAQUES USED IN BIODEFENSE RESEARCH	\$411,750
2009	MAPP BIOPHARMACEUTICAL INC	CA	U01AI082276	Monoclonal Immunoprotectants for Select Agents Toxins (Mab-SAT)	\$991,375

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2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI080749	MACROPHAGE TRANSCRIPTIONAL RESPONSES TO LEGIONELLA PNEUMOPHILA	\$345,188
2009	CLAREMONT BIOSOLUTIONS LLC	CA	R43AI078619	A FULLY INTEGRATED ASSAY AND PLATFORM FOR DETECTING CLOSTRIDIUM DIFFICILE	\$311,184
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI076558	ORALLY ACTIVE NUCLEOSIDE PHOSPHONATES FOR HEPATITIS C VIRUS	\$574,983
2009	STANFORD UNIVERSITY	CA	R01AI073724	MICRORNAS AS T CELL SENSITIVITY RHEOSTATS	\$401,594
2009	CYTODESIGN INC	CA	R43AI081472	PROTEOLYTIC ANTIBODIES FOR TREATMENT OF PSORIASIS	\$299,750
2009	RETROVIROX INC	CA	R43AI081618	TARGETING HIV-1 ENVELOPE GLYCOPROTEIN INCORPORATION	\$218,374
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K99AI083087	ASSEMBLY OF HIV -1 AND CELLULAR TRANSCRIPTION ELONGATION COMPLEXES	\$90,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI080671	INVESTIGATIONS TARGETING SYMPTOMATIC RELIEF TO BOTULINUM NEUROTOXIN A INTOXICATIO	\$476,525
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI079775	IRON STARVATION: A NOVEL STRATEGY FOR HIV AND CHLAMYDIA MICROBICIDES	\$208,182
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI082850	The 3D-Structure of the Immunoglobulin Heavy Chain Locus	\$386,250
2009	STANFORD UNIVERSITY	CA	R01AI085024	GENE AND CYTOKINE EXPRESSION IN TOLERANCE AND GVHD	\$400,000
2009	J DAVID GLADSTONE INSTITUTES	CA	R56AI065329	EXPLORING AND EXPLOITING APOBEC3G BIOLOGY	\$595,061
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067752	INNATE IMMUNITY AND THE IKKI COMPLEX IN RHEUMATOID ARTHRITIS (RA) SYNOVIUM	\$341,020
2009	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$406,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070289	GENETIC BASIS OF VIRULENCE OF COMMUNITY MRSA CLONE USA300	\$386,250
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI078288	HIGH THROUGHPUT SCREENING FOR TOLL-LIKE RECEPTORS INHIBITORS	\$473,750
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI076544	THE IDENTIFICATION OF RISK FACTORS FOR THE COMPLEX MS PHENOTYPE	\$762,384
2009	UNIVERSITY ENTERPRISES CORPORATION AT CSUSB	CA	K22AI074662	INFLUENZA VIRAL RNA SYNTHESIS AND PROCESSING	\$124,117
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069317	ENVELOPE-RECEPTOR INTERACTIONS IN NIPAH AND HENDRA VIRUS PATHOBIOLOGY	\$334,819
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$466,270
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI034238	POPULATION BASED MOLECULAR EPIDEMIOLOGY OF TUBERCULOSIS	\$761,225

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI069296	INDIRECT RECOGNITION OF MICROBES BY NKT CELLS	\$418,936
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076670	CERVICAL MATURITY, MUCOSAL IMMUNITY, AND CHLAMYDIA TRACHOMATIS INFECTION	\$124,200
2009	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI050000	ROLES FOR MOTILITY IN HELICOBACTER PYLORI PATHOGENESIS	\$360,022
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI056992	ROLE OF INNATE IMMUNITY IN CONTROLLING HIV INFECTION	\$378,911
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$387,500
2009	STANFORD UNIVERSITY	CA	R01AI024258	Comparative MHC and KIR immunogenetics in the Great Apes	\$345,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$144,347
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI045053	RECOGNITION OF BACTERIAL ANTIGENS BY NKT CELLS	\$361,588
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI060694	NIPAH VIRUS PATHOBIOLOGY AND EFFECTS ON INNATE IMMUNITY	\$359,276
2009	STANFORD UNIVERSITY	CA	R01AI023990	REGULATION OF MAST CELL DEVELOPMENT AND FUNCTION	\$411,257
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI024674	NOVEL LEUKOCYTE INTEGRINS	\$346,963
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI059091	GRANULYSIN: ANTIMICROBIAL/ANTI-INFLAMMATORY ROLE IN ACNE	\$359,276
2009	STANFORD UNIVERSITY	CA	R01AI044095	NK CELL INTERACTIONS IN TRANSPLANTATION	\$334,611
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI029672	B CELL REPERTOIRE FORMATION	\$396,601
2009	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	U01AI069496	SAN FRANCISCO VACCINE AND PREVENTION UNIT	\$1,443,925
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052748	SOLID ORGAN TRANSPLANTATION IN HIV: MULTI-SITE STUDY	\$2,581,879
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$441,363
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI024424	MOLECULAR BASIS OF BORRELIA PATHOGENESIS	\$349,653
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068978	TARGETING LENTIVIRUSES TO INFECT CHOSEN CELLS	\$592,071
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI067253	CORECEPTOR MODIFICATION OF TCR TYROSINE KINASE SIGNALS	\$381,045
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$615,059
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$269,353
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI021515	HERPES SIMPLEX VIRUS GENE REGULATION	\$374,006

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040098	BETA LYMPHOCYTE MIGRATION AND HOMEOSTASIS	\$341,020
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI041090	INTERACTION OF CLQ ON PHAGOCYtic CELLS	\$326,844
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052430	THE ROLE OF CRYOPYRIN IN AUTOINFLAMMATORY DISEASES	\$378,911
2009	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$377,602
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI060536	TRAINING IN IMMUNOLOGY	\$243,330
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$507,564
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI025144	TRANSPORT OF IMMUNOGLOBULINS ACROSS EPITHELIAL CELLS	\$561,828
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI060614	MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$2,193,247
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$123,390
2009	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$4,260,986
2009	STANFORD UNIVERSITY	CA	U01AI037127	ONTOGENY OF MEASLES IMMUNITY IN INFANTS	\$401,591
2009	STANFORD UNIVERSITY	CA	R01AI048540	MOLECULAR PRINCIPLES OF TCR RECOGNITION AND ACTIVATION BY PEPTIDE-MHC	\$275,648
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$746,045
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$532,018
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI073100	IMPACT OF HIV ON THE T CELL REPERTOIRE	\$124,200
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI078048	COUNTERMEASURES FOR BIOTERRORISM TARGETING CELLULAR HOST FACTORS	\$760,052
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067890	HVEM-BTLA system in inflammation	\$465,485
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070891	COCCIDIOIDOMYCOSIS:GENOME COMPARISON, SELECTION AND TRANSCRIPTION.	\$387,887
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI070803	MODULATION OF OUTER MEMBRANE PROTEIN EXPRESSIN IN HELICOBACTER PYLORI	\$541,055
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI068421	T REGULATORY CELLS AND HIV LATENCY	\$102,600
2009	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,584,080
2009	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI076247	RAPID ISOTHERMAL NUCLEIC ACID AMPLIFICATION ASSAY AND DEVICE FOR HSV TESTING	\$573,692
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI078431	KILLED BUT METABOLICALLY ACTIVE LEISHMANIA: A NOVEL PROTOZOAN VACCINE TECHNOLOGY	\$204,600

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2009	STANFORD UNIVERSITY	CA	R01AI077395	COMPENSATION AUTOMATION FOR HIV VACCINE DEVELOPMENT	\$385,768
2009	CEDARS-SINAI MEDICAL CENTER	CA	K08AI070162	INNATE IMMUNITY AND MOUSE MODEL OF KAWASAKI DISEASE	\$129,720
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082100	BROAD SPECTRUM THERAPEUTICS THAT TARGET THE VIRAL MEMBRANE	\$738,186
2009	CALIFORNIA STATE UNIVERSITY, FULLERTON FOUNDATION	CA	R15AI047115	DEALING WITH ANTIBIOTIC RESISTANCE: ANTISENSE TECHNOLOGY	\$202,650
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI080087	INVARIANT NKT CELL RESPONSES TO VIRAL INFECTIONS AND TUMORS	\$46,826
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$407,376
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$262,452
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI079340	EFFECTOR FUNCTION OF NATURAL KILLER T (NKT) CELLS IN SARCOIDOSIS	\$77,250
2009	WAVE 80 BIOSCIENCES INC	CA	R44AI073221	CARTRIDGE-FORMAT BRANCHED DNA SYSTEM FOR HIV VIRAL LOAD MEASUREMENT IN LOW-RESOUR	\$699,867
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	U01AI082457	AN INTEGRATED DIAGNOSTIC BIOCHIP FOR POINT OF CARE PATHOGEN IDENTIFICATION	\$756,353
2009	STANFORD UNIVERSITY	CA	R01AI077737	ANALYSIS OF THE C.ALBICANSTRANSCRIPTOME	\$482,601
2009	VAXART INC	CA	R44AI074216	ENHANCED ORAL VACCINE DELIVERY VEHICLE	\$953,135
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI082975	IMMUNE REGULATION OF VIRAL PERSISTENCE AND CLEARANCE	\$411,987
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI084811	Developing novel adjuvants for HIV vaccination	\$447,791
2009	STANFORD UNIVERSITY	CA	R01AI078947	CHEMICALLY MAPPING MALARIAL RUPTURE PROTEASES	\$401,589
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI081757	MICRORNA REGULATION OF HUMAN T AND B CELL ACTIVATION	\$474,750
2009	SCRIPPS RESEARCH INSTITUTE	CA	K99AI084581	STRUCTURAL ANALYSIS OF HUMAN TETHERIN AND ITS ANTAGONIST HIV-1 VPU	\$98,185
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K01AI083784	BINATIONAL TRANSMISSION OF MULTIDRUG-RESISTANT TUBERCULOSIS, CALIFORNIA & MEXICO	\$121,770
2009	UNIVERSITY OF CALIFORNIA	CA	T32AI074550	TRAINING PROGRAM IN THE BIOLOGY OF DISEASE VECTORS	\$185,434
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI076346	PREVENTING AND CURING PERSISTENT INFECTIONS WITH TRANSIENT FTY720 TREATMENT	\$249,000
2009	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	K08AI082284	EMERGENCE AND BIOLOGICAL CONTROL OF SCHISTOSOMIASIS	\$113,388

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2009	UNIVERSITY OF CALIFORNIA	CA	R01AI080799	SYSTEMS BIOLOGY APPROACH TO MAPK REGULATION OF MALARIA INFECTION IN A. STEPHENSI	\$681,418
2009	STANFORD UNIVERSITY	CA	F32AI081500	AXON-TO-MYELIN SPREAD AND PERSISTENCE OF THEILER'S MURINE ENCEPHALOMYELITIS VIRUS	\$47,210
2009	AVIDBIOTICS CORPORATION	CA	R44AI066449	NON-CLINICAL DEVELOPMENT OF BACTERICIDAL PROTEINS TARGETING PLAGUE	\$602,645
2009	STANFORD UNIVERSITY	CA	K08AI079268	MECHANISMS OF T CELL INHIBITORY PATHWAYS	\$132,449
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$312,441
2009	ENCODE BIO INC	CA	R43AI082754	NOVEL DRUG DISCOVERY ASSAY TO IDENTIFY INHIBITORS OF NFKB SIGNALING	\$205,226
2009	STANFORD UNIVERSITY	CA	R01AI085575	RE-EDUCATION OF THE IMMUNE SYSTEM FOR HES CELL TOLERANCE	\$400,263
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI081540	REGULATORY T CELL INFLUENCE ON INFANT AND ADULT IMMUNE RESPONSES TO HIV	\$124,200
2009	STANFORD UNIVERSITY	CA	R21AI075253	MHC ASSOCIATION IN AUTOIMMUNE ARTHRITIS	\$238,579
2009	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI071025	ANTIBODY CYTOKINE FUSION PROTEINS AGAINST CRYPTOCOCCUS NEOFORMANS	\$317,250
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$292,981
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI077953	THERAPEUTIC FULLY HUMAN MONOCLONAL ANTIBODIES AGAINST VACCINA VIRUS AND SMALLPOX	\$2,068,496
2009	IBIS BIOSCIENCES INC	CA	R41AI072859	HCV GENOTYPING AND DRUG RESISTANCE TESTING BY ESI/MS	\$297,945
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI072058	CELL TYPE-SPECIFIC ROLES OF TLR SIGNALING IN IMMUNE RESPONSES	\$386,250
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$386,250
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$472,500
2009	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI052291	MECHANISMS OF MACROLIDE RESISTANCE IN MYCOBACTERIA	\$275,625
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077607	UNDERSTANDING AND MANIPULATING THE T CELL CONTRACTION PHASE	\$473,750
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell Surface Protein Anchoring and Function in Gram-Positive Bacteria	\$324,491
2009	IMMPORT THERAPEUTICS INC	CA	R43AI075692	ANTIBODIES TO MALARIA BLOOD STAGES IN MIXED-SPECIES INFECTIONS	\$294,009
2009	PROSCI INC	CA	R43AI078829	HIGH MANNOSE TYPE CARBOHYDRATE-BASED HIV/AIDS VACCINE	\$300,000

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2009	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$387,426
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047745	BIOMATHEMATICAL ANALYSIS OF VIRAL DYNAMICS AND EVOLUTION	\$439,157
2009	MOLECULAR EXPRESS, INC	CA	R43AI078654	SURROGATE ENDPOINTS FOR CORRELATING PROTECTIVE IMMUNITY IN RESPONSE TO INFLUENZA	\$300,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$473,750
2009	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$678,266
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$474,750
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI068413	A TB VACCINE FOR AIDS PATIENTS	\$672,892
2009	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$364,650
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069436	UZ-UCSF CLINICAL TRIALS UNIT	\$13,383,437
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI047868	ROLE OF TOLL-LIKE RECEPTORS IN SKIN	\$323,350
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046967	THREE-DIMENSIONAL HIV RNA GENOME TARGETED DRUG LEADS	\$370,639
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI046464	Meningococcal serogroup B vaccine to prevent invasive disease and carriage	\$587,866
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$133,342
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066120	FUNCTION OF THE RPTP CD148 IN THE HEMATOPOIETIC LINEAGE	\$360,779
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI039987	ANTIFUNGALS FROM MARINE INVERTEBRATES --AIDS ADJUVANTS	\$352,856
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI064653	RNA URIDYLYTRANSFERASES OF TRYPANOSOMES	\$344,124
2009	STANFORD UNIVERSITY	CA	R01AI072666	AMPETOLDS AS BIOSTABLE FUNCTIONAL MIMICS OF ANTIMICROBIAL PEPTIDES	\$343,780
2009	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI033940	CONTROL OF PRECURSOR THYMOCYTE DIFFERENTIATION	\$307,187
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI046643	IMMUNOMODULATION OF TRANSPLANT REJECTION BY ANTI-CD3 MAB	\$281,840
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$325,402
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036178	GENETIC DIVERSITY AS A DETERMINANT OF VIRAL PATHOGENESIS AND ATTENUATION	\$424,055
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI040124	ANALYSIS OF SALMONELLA TYPHIMURIUM ADHESINS	\$432,276
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067341	TNFR MEMBERS IN T CELL IMMUNITY TO VACCINIA	\$451,986

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2009	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI055987	Molecular mechanisms regulating exopolysaccharide production in Vibrio cholerae	\$163,582
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$332,147
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI062758	SALMONELLA-INDUCED CYTOPATHOLOGY IN HUMAN MACROPHAGES	\$120,420
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$323,656
2009	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$447,941
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI064520	HUMAN NATURAL KILLER CELL BIOLOGY	\$1,224,533
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$281,840
2009	STANFORD UNIVERSITY	CA	R01AI042801	EPIDEMIOLOGY OF HELICOBACTER PYLORI TRANSMISSION	\$698,295
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI056388	AUTOIMMUNITY CENTER OF EXCELLENCE	\$532,152
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067727	HUMAN RESERVOIRS OF PLASMODIUM VIVAX TRANSMISSION IN THE PERUVIAN AMAZON	\$605,522
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072988	IDENTIFYING THE PROPERTIES OF LLO REQUIRED FOR MHC CLASS I PRESENTATION	\$55,310
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI074564	NOVEL CHEMICAL AND IMMUNOLOGICAL APPROACHES TO INFLUENZA THERAPY	\$1,627,220
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI064314	UNIQUE NEISSERIA MENINGITIDIS B CAPSULAR EPITOPES	\$679,898
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI065831	MOUSE MODELS FOR UNDERSTANDING HOST RESPONES TO INTRACELLULAR PATHOGENS	\$1,595,854
2009	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	U01AI075565	SENSOR TECHNOLOGY FOR RAPID MICROBIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING	\$658,103
2009	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R37AI029329	ENHANCING THE INTRACELLULAR FUNCTIONING OF ANTI-HIV RNAS	\$664,728
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$451,986
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI035297	IMMUNE TOLERANCE AND AUTOIMMUNITY	\$1,766,885
2009	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070530	IMMUNOTHERAPEUTICS VS EBOLA SUDAN: DEVELOPMENT, STRUCTURAL & FUNCTIONAL ANALYSIS	\$747,538
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI039540	THE ROLE OF SAND FLY SALIVA IN VISCERALIZATION OF LEISHMANIA PARASITES	\$343,723
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$1,924,673
2009	NEXOGEN INC	CA	U01AI066584	DIAGNOSTICS FOR SEPSIS AND COMMUNITY-ACQUIRED PNEUMONIA	\$487,402
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,522,770

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2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	\$121,770
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075410	RESEQUENCING MICROARRAY FOR RAPID DETECTION & ANTIMICROBIAL RESISTANCE PROFILING	\$687,343
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI072618	REGULATION OF T CELL CCR10 BY SUNLIGHT AND VITAMIN D	\$343,350
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI074059	EID - EFFECTS OF AVIAN MIGRATION & ANTHROPOGENIC CHANGE ON THE DISTRIBUTION & TRA	\$258,461
2009	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$401,250
2009	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI025008	POLYSACCHARIDE ANTIBODY REPERTOIRES	\$509,980
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067403	MUTATIONAL AND BIOCHEMICAL ANALYSIS OF FGD2 AND FGD3	\$371,799
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI069993	TARGETING NEUTRALIZING ANTIBODY-DEFINED SITES ON HIV GP41 FOR VACCINE DESIGN	\$464,749
2009	UNIVERSITY OF CALIFORNIA	CA	R21AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$190,000
2009	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R56AI058763	SELECTING ENV TRIMERS IN HIV-VLP VACCINE PRESENTATIONS	\$122,816
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI069989	AN IN VITRO SYSTEM TO STUDY ANTIVIRAL STRATEGIES AGAINST HEPATITIS C VIRUS	\$116,370
2009	MOLECULAR EXPRESS, INC	CA	R44AI066621	GENITAL HERPES VACCINE DISCOVERY	\$989,544
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068685	THE DIVERSE CONTRIBUTION OF TLR PATHWAYS TO INTESTINAL HOMEOSTASIS	\$378,911
2009	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$502,034
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078463	MOLECULAR MARKERS FOR ANOPHELES GAMBIAE AGE GRADING	\$180,000
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI075317	TRANSPLANTATION: ALLOIMMUNE NETWORKS	\$270,375
2009	SCRIPPS RESEARCH INSTITUTE	CA	F32AI080095	SINGLE-MOLECULE STUDIES OF HOST FACTOR FUNCTION IN HIV-1 REV-RRE COMPLEX ASSEMBLY	\$47,210
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$473,750
2009	PLANET BIOTECHNOLOGY INC	CA	U01AI082161	AN IMMUNOADHESIN THERAPY FOR INHALATIONAL ANTHRAX	\$1,345,359
2009	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI078481	NEW APPROACHES FOR ISOLATING HIGH AFFINITY MABS FROM PRECLINICAL VACCINE TRIALS W	\$123,410

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	ARBOR VITA CORPORATION	CA	R44AI068160	DEVELOPMENT OF AN E6 BASED RAPID STRIP TEST COMMERCIAL PROTOTYPE FOR CERVICAL CAN	\$1,000,000
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI079320	Molecular and Functional Characterization of Chemerin Receptors	\$313,560
2009	EPITOGENESIS, INC.	CA	R43AI084690	MUCOSAL IMMUNE-ENHANCING DELIVERY SYSTEM FOR HIV VACCINES	\$140,000
2009	ADVANCED GENETIC SYSTEMS INC	CA	R41AI076087	IDENTIFICATION OF ANTI-HIV LEAD COMPOUNDS TARGETING REV	\$296,696
2009	MONOGRAM BIOSCIENCES INC	CA	R43AI083184	NOVEL ASSAYS FOR MEASURING SUSCEPTIBILITY TO INHIBITORS THAT TARGET HIV1 VIRION A	\$299,636
2009	VENTRIA BIOSCIENCE	CA	R43AI081339	PRODUCTION OF OSPA IN RICE FOR THE CONTROL OF LYME DISEASE	\$126,530
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI076504	HIGH-THROUGHPUT ASSAY DEVELOPMENT FOR SCREENING INHIBITORS OF SUMO LIGASES	\$323,144
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI080129	DECRYPTION OF KIR GENETICS AND FUNCTION IN EARLY HIV-1 INFECTION	\$789,440
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI081037	ROLE OF H. PYLORI OUTER MEMBRANE PROTEINS IN COLONIZATION AND HOST RESPONSE	\$237,765
2009	IGE THERAPEUTICS INC	CA	R43AI084348	TARGETING GALECTIN-3 WITH NOVEL DRUGS FOR TREATMENT OF ECZEMA	\$401,647
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R13AI078730	PREVENTION TECHNOLOGIES FOR SEXUAL AND REPRODUCTIVE HEALTH CONFERENCE	\$10,000
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI083953	DEFINING TLR9 REGULATORY SEQUENCES IN NATURAL DNA; IMPLICATION FOR VACCINE DEVELO	\$224,786
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI083841	IMMUNE EVASION OF AUTOPHAGY IN GAMMA-HERPESVIRUSES INFECTION	\$244,500
2009	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI081881	CARTILAGE INNATE IMMUNITY IN OSTEOARTHRITIS	\$351,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI083083	HIV-1 Nef's Role in Pathogenesis in vivo	\$385,000
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI082575	APPLICATION OF NOVEL ANTIGENS AND INTEGRATED MICROFLUIDICS FOR LEPROSY DIAGNOSIS	\$458,004
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI078848	FUNGAL CALCIUM CHANNELS AS THERAPEUTIC TARGETS FOR AIDS-ASSOCIATED OPPORTUNISTIC	\$366,046
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI081754	POPULATION DYNAMICS AN EVOLUTIONARY CAPACITY OF VIRAL QUASISPECIES	\$124,850

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2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI085583	POLYPEPTIDE DESIGN WITH PROTEOMIC SCOPE VIA MICROFLUIDIC MRNA DISPLAY	\$525,773
2009	OSEL, INC	CA	R33AI071978	DEVELOPMENT OF A LIVE TOPICAL MICROBICIDE FOR WOMEN	\$339,396
2009	CALIFORNIA STATE UNIVERSITY FOUNDATION, DOMINGUEZ HILLS	CA	SC2AI087993	ETHNIC DISPARITIES IN THE PSYCHOSOCIAL AND NEUROCOGNITIVE PREDICTORS OF HEALTH OU	\$142,000
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$473,750
2009	CHILDRENS HOSPITAL OF LOS ANGELES-SCH OF PHYSICAL THER	CA	R56AI040635	ESCHERICHIA COLI INVASION OF BRAIN ENDOTHELIAL CELLS	\$320,000
2009	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI069298	CMV UL144 TARGETS THE HVEM-BTLA COSIGNALING SYSTEM	\$425,025
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI075609	ROLE OF THE MHC CLASS II TRANACTIVATOR GENE IN LUPUS AND RHEUMATOID ARTHRITIS	\$30,803
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI073810	MITOCHONDRIAL POLY(A) POLYMERASES OF TRYPANOSOMES	\$229,250
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI071233	INTERFERON ACTIONS AND AUTOIMMUNE DISORDERS	\$371,713
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070292	SITE-SPECIFIC ALLOSTERIC INHIBITORS FOR INFLAMMATORY CASPASES	\$378,911
2009	EAST BAY INSTITUTE FOR RESEARCH & EDUCATION	CA	K08AI075029	GC399TR AN INHIBITOR OF AUTOIMMUNITY	\$116,316
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$341,020
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI075837	EXAMINATION OF THE ROLE OF C-ABL IN B CELL DEVELOPMENT	\$50,054
2009	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI020720	MECHANISMS OF CHRONIC HEPATITIS B INFECTION AND THERAPEUTIC VACCINES	\$769,814
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$4,112,421
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI051354	REGULATION OF HUMORAL IMMUNITY TO INFLUENZA VIRUS	\$338,435
2009	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$292,500
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050587	MODELING COMPLEX PHARMACOKINETICS AND PHARMACODYNAMICS	\$270,375
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$502,285
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI056324	NLR FAMILY PROTEINS: MECHANISMS AND REGULATION	\$477,500
2009	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$295,950
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI043638	SOUTHERN CALIFORNIA PRIMARY INFECTION PROGRAM	\$13,000

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2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073868	SELECTIVE GENE ACTIVATION BY THE NF-KAPPAB FAMILY OF TRANSCRIPTION FACTORS	\$370,542
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,516,262
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$380,270
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI072645	CELLULAR FACTORS IN GAMMARETROVIRUS REPLICATION	\$436,067
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI021372	THE REGULATION OF T CELL DEVELOPMENT	\$469,989
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$1,018,836
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069424	UCLA AIDS PREVENTION AND TREATMENT CLINICAL TRIALS UNIT	\$3,486,794
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$679,744
2009	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$272,239
2009	J DAVID GLADSTONE INSTITUTES	CA	R01AI062333	CHEMOPROPHYLAXIS AND HIV-HOST INTERACTIONS	\$902,092
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069432	UCSD DEPARTMENT OF MEDICINE HIV/AIDS CLINICAL TRIALS UNIT	\$4,758,033
2009	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$375,067
2009	CEDARS-SINAI MEDICAL CENTER	CA	R01AI067995	ROLE OF INNATE IMMUNITY IN PATHOGENESIS OF CHLAMYDIA PNEUMONIA INFECTION	\$371,495
2009	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$620,810
2009	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$293,334
2009	STANFORD UNIVERSITY	CA	R01AI036929	ACTIN BASED MOTILITY OF A BACTERIAL PATHOGEN	\$157,953
2009	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	U01AI061442	NEUTRALIZING BOTULINUM NEUROTOXIN WITH HUMAN ANTIBODIES	\$662,129
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI031338	DEVELOPMENT AND TESTING OF NEW TUBERCULOSIS VACCINES	\$709,646
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI056338	MEETING SUPPORT FOR HIV DYNAMICS AND EVOLUTION	\$18,667
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI063419	MODULATION OF T CELL ACTIVATION AND TOLERANCE BY DRAK2	\$269,603
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$630,963
2009	UNIVERSITY OF CALIFORNIA	CA	U01AI066344	INNATE IMMUNOMODULATING GENES OF SMALLPOX VACCINES	\$342,172
2009	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI059311	RISK FACTORS FOR ECZEMA VACCINATUM IN ATOPIC DERMATITIS	\$383,693
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI071104	CHAPERONE MINING OF THE CHLAMYDIA TYPE THREE SECRETION SYSTEM	\$355,767
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$316,254

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2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI045809	REGULATION OF T CELL HOMEOSTASIS AND SURVIVAL	\$440,665
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI063973	PHENOTYPES OF HIV-1 INTEGRASES	\$275,578
2009	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$325,528
2009	VICAL, INC	CA	U01AI074527	PANDEMIC INFLUENZA DNA VACCINE DEVELOPMENT	\$2,090,882
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI031650	REGULATION OF MHC DEPENDENCE OF GAMMA DELTA T CELLS	\$351,154
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI067065	ASSESSING ANTIRETROVIRAL EXPOSURE IN DIVERSE POPULATIONS	\$121,690
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$279,753
2009	UNIVERSITY OF CALIFORNIA	CA	P01AI066314	MECHANISMS OF PROTECTION IN LIVE-ATTENUATED AIDS VACCIN*	\$281,115
2009	STANFORD UNIVERSITY	CA	R01AI065972	THE CELL BIOLOGY OF THEILER'S VIRUS PERSISTENCE IN CNS	\$621,213
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$180,081
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI066901	PHARMACOKINETICS AND PATHOGENESIS OF TREATMENT RESPONSES	\$121,770
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075420	DEVELOPMENT AND TESTING OF HUMAN BRUCELLOSIS DIAGNOSTICS IN AN ENDEMIC COUNTRY	\$1,112,587
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$365,148
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$436,609
2009	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI059635	NOVEL DENDRITIC CELL CHEMOATTRACTANT AND RECEPTOR	\$325,557
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,472,840
2009	STANFORD UNIVERSITY	CA	K08AI079406	NOVEL ANTIVIRAL TARGETS IN HEPATITIS C VIRUS NS4B PROTEIN	\$130,599
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077989	PROTECTION AGAINST INHALATION ANTHRAX WITH INACTIVATED SPORES	\$997,616
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070043	STATISTICAL METHODS TO STUDY THE EPIDEMIOLOGY OF HIV & OTHER DISEASE	\$311,792
2009	J DAVID GLADSTONE INSTITUTES	CA	P01AI083050	EXPLORING HIV-HOST INTERACTIONS IN THE FEMALE REPRODUCTIVE TRACT	\$1,793,394
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$473,750
2009	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI074766	MAST CELL CONTROLS PATHOGEN ENTRANCE BY THE EXPRESSION OF ANTIMICROBIAL PEPTIDES	\$231,750
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$747,612

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2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI066244	GENOMICS OF COENZYME METABOLISM IN BACTERIAL PATHOGENS	\$417,382
2009	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI077058	TAM RECEPTOR REGULATION OF INNATE IMMUNITY	\$478,750
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI065388	REPRODUCTIVE INFECTIOUS DISEASE (RID) FELLOWSHIP	\$188,497
2009	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCL-2 mediated anti-apoptosis and-autophagy	\$399,758
2009	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI082629	YEAST-BASED HTS ASSAY TECHNOLOGIES FOR PROTEASES	\$429,750
2009	INVESTIGEN INC	CA	R43AI079996	A RAPID, POC ARRAY MDR/XDR-TB GENOTYPING.	\$283,107
2009	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI068550	MEASURING THE QUALITY OF HIV/AIDS CARE IN MEXICO	\$56,132
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078455	IMPROVED HUMANIZED MOUSE MODELS FOR VACCINE DEVELOPMENT	\$236,875
2009	VAXART INC	CA	R43AI077254	RECOMBINANT ADENOVIRAL VECTOR WITH ENCODED TLR3 LIGAND FOR PROTECTION AGAINST VEE	\$120,993
2009	IMMPORT THERAPEUTICS INC	CA	R44AI058365	SERIODIAGNOSTIC ARRAYS FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$1,000,000
2009	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R21AI084714	STABILIZING HIV-1 TRIMERS BY LINKING GP120 SUBUNITS	\$247,500
2009	SCRIPPS RESEARCH INSTITUTE	CA	R01AI084817	Structural Biology of HIV-1 Neutralizing Antibody Targets for Vaccine Design	\$664,650
2009	SCRIPPS RESEARCH INSTITUTE	CA	R21AI084173	MARGINAL ZONE B CELL REPERTOIRE	\$332,325
2009	HUMBOLDT STATE UNIVERSITY SPONSORED PROGRAMS FOUNDATION	CA	R15AI082515	A RICKETTSIAL SYMBIONT MODEL FOR THE CONTROL OF TICK-BORNE DISEASES	\$209,795
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI079192	INTRACELLULAR LIFESTYLE OF PSEUDOMONAS AERUGINOSA	\$383,020
2009	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI083012	IDENTIFICATION OF THE MECHANISMS CONTROLLING TLR9 LOCALIZATION	\$31,917
2009	MAPP BIOPHARMACEUTICAL INC	CA	R43AI082744	AN IMMUNOPROTECTANT FOR MARBURG VIRUS	\$259,520
2009	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI078806	THE ROLE OF CD4 IN MACROPHAGE DIFFERENTIATION AND FUNCTION	\$385,000
2009	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI078259	ANTIDOTE FOR BOTULISM	\$155,750
2009	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI081161	STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NOVEL MYCOBACTERIAL HEME UPTAKE	\$363,287
2009	UNIVERSITY OF CALIFORNIA	CA	R01AI077571	Molecular Architecture, Function, and Biogenesis of the Ventral Disc in Giardia	\$330,499

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2009	OSEL, INC	CA	R21AI079799	DEVELOPMENT OF A LIVE COMBINATIONAL MICROBICIDE FOR WOMEN	\$187,422
2009	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$377,840
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R21AI078400	FUNCTION OF L-TYPE CA2+ CHANNELS IN B-LYMPHOCYTES	\$195,000
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	F32AI074275	THE USE OF SOLUBLE T CELL RECEPTORS TO IDENTIFY LIGANDS FOR GAMMA/DELTA T CELLS	\$50,054
2009	UNIVERSITY OF COLORADO DENVER	CO	K08AI073525	EPIDEMIOLOGY AND PATHOGENESIS OF NOVEL CORONAVIRUSES	\$132,220
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$350,148
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$399,648
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$388,428
2009	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$336,087
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$137,805
2009	COLORADO STATE UNIVERSITY	CO	R01AI063434	VIRUS-MOSQUITO MRNA STABILITY	\$337,184
2009	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$7,473,569
2009	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$84,084
2009	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI079374	CONTROLLING NFAT1 IN T CELLS USING ENGINEERED NCRNA TRANSCRIPTIONAL REGULATORS	\$260,941
2009	COLORADO STATE UNIVERSITY	CO	R21AI079489	BIOSYNTHESIS AND TRANSBILAYER FLIPPING OF MYCOBACTERIAL PIM GLYCOLIPIDS	\$204,260
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI082784	PATTERN RECOGNITION MOLECULES AND IMMUNE SENSORS OF PATHOGENS	\$10,000
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI084377	OVERCOMING TB AND AIDS	\$20,000
2009	UNIVERSITY OF COLORADO DENVER	CO	U01AI084735	CELLULAR PHARMACOLOGY OF TENOFOVIR AND EMTRICITABINE FOR HIV PROPHYLAXIS	\$761,120
2009	INVIRAGEN LLC	CO	R43AI080041	DEVELOPMENT OF A NOVEL, CHIMERIC CHIKUNGUNYA VACCINE	\$202,027
2009	UNIVERSITY OF COLORADO DENVER	CO	K22AI079163	PATHOGENESIS OF ARTHRITIS AND MYOSITIS-ASSOCIATED ALPHAVIRUSES	\$159,136
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081464	PATHOGENESIS AND IMMUNE REGULATION IN HELMINTH INFECTIONS	\$8,000
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	P01AI022295	ANTIGEN RECOGNITION BY LYMPHOCYTES	\$1,309,932
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI062739	NKIP SIGNALING AND FUNCTIONS	\$362,764

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2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059170	DIFFERENTIATION OF TH2 CYTOKINE-PRODUCING INNATE CELLS	\$326,489
2009	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K01AI067063	PATTERNS OF ANTIRETROVIRAL NONADHERENCE: ASSOCIATION WITH OUTCOMES & COST CARE	\$132,200
2009	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$365,028
2009	COLORADO STATE UNIVERSITY	CO	R01AI047197	LEPROSY BACILLUS: FROM GENOTYPE TO PHENOTYPE TO TOOLS	\$327,285
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R21AI073629	ANALYSIS OF HUMAN B CELL TOLERANCE IN HUMANIZED MICE	\$200,648
2009	QUEST PRODUCT DEVELOPMENT CORPORATION	CO	R42AI063892	MICROFLEX TOOLS TO IMPROVE SINUS DIAGNOSTICS AND SURGERY	\$501,636
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI055701	CD8 MEDIATED APOPTOSIS DURING T CELL DEVELOPMENT	\$317,281
2009	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$202,159
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081599	PREVENTION OF HIV/AIDS	\$25,000
2009	COLORADO STATE UNIVERSITY	CO	R21AI078126	TARGETING PERSISTENT M. TUBERCULOSIS THROUGH THE INHIBITION OF ITS ALDOLASE	\$220,500
2009	UNIVERSITY OF COLORADO DENVER	CO	R03AI080805	STRUCTURAL ANALYSIS OF HELMINTH MRNA CAP-BINDING PROTEINS	\$76,854
2009	INVIRAGEN LLC	CO	R43AI084291	SECOND GENERATION DENGUE VACCINE	\$299,977
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	T32AI074491	Molecular Mechanisms of Immune Tolerance	\$207,036
2009	INVIRAGEN LLC	CO	R44AI061940	CLINICAL DEVELOPMENT OF COMBINATION PLAGUE/SMALLPOX VACCINE	\$979,594
2009	UNIVERSITY OF COLORADO DENVER	CO	K24AI083742	MIDCAREER INVESTIGATOR AWARD IN PATIENT-ORIENTED RESEARCH (K24)	\$122,696
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI078468	MARGINAL ZONE B CELL RESPONSE TO HIV	\$192,500
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$377,685
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI054661	FUNCTION AND REGULATION OF EARLY B CELL FACTOR (EBF)	\$382,590
2009	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$235,018
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI065275	HIV-RELATED BLOOD DENDRITIC CELL DYSFUNCTION	\$330,059
2009	COLORADO STATE UNIVERSITY	CO	R01AI073298	RNAI AS A MODULATOR OF ARBOVIRUS VECTOR COMPETENCE IN TRANSGENIC AEADES AEGYPTI	\$288,414
2009	COLORADO STATE UNIVERSITY	CO	R01AI073255	HUMANIZED RAG2-/-GAMMAC-/-MICE FOR HIV INFECTION AND GENE THERAPY	\$360,518

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI079925	NOVEL MINIMALLY INVASIVE ASSESSMENT OF GASTROINTESTINAL INFLAMMATION IN FOOD ALLE	\$194,088
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI067296	DESIGN OF NEW ANTIMICROBIALS	\$369,398
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI079896	INNATE, ADAPTIVE AND REGULATORY IMMUNE RESPONSES TO INTESTINAL MICROBIOTA	\$7,000
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081355	B CELLS IN CONTEXT	\$8,000
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081325	TH17 CELLS IN HEALTH AND DISEASE	\$8,000
2009	COLORADO SCHOOL OF MINES	CO	R01AI079347	HIGH-THROUGHPUT CELL MECHANICAL PROPERTY TESTING FOR LABEL-FREE ASSAYING	\$323,601
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI083615	MUCOSAL IMMUNE ONTOGENY AND INTESTINAL MICROBIOTA IN INFANTS	\$249,352
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081362	REGULATORY T CELLS	\$8,000
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI052164	REDEFINING THE MAJOR PEANUT ALLERGENS	\$395,635
2009	UNIVERSITY OF COLORADO DENVER	CO	U01AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$1,605,670
2009	COLORADO STATE UNIVERSITY	CO	U01AI070456	RESPONSE THERAPIES FOR MDR-TB	\$1,421,958
2009	COLORADO STATE UNIVERSITY	CO	R21AI079528	ENDECTOCIDES FOR MALARIA CONTROL	\$257,250
2009	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI072492	PERSISTENT SYSTEMIC INFECTION OF MICE BY SALMONELLA ENTERICA	\$330,192
2009	COLORADO STATE UNIVERSITY	CO	R21AI080567	USE OF CELL PHONES FOR FIELD DATA CAPTURE IN A DENGUE DECISION SUPPORT SYSTEM	\$172,923
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI079895	IMMUNOLOGIC MEMORY AND HOST DEFENSE	\$7,000
2009	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084288	LONG-ACTING G-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$299,958
2009	NATIONAL JEWISH HEALTH	CO	U01AI082982	Alveolar type II cell innate immune response to influenza	\$429,913
2009	COLORADO STATE UNIVERSITY	CO	K08AI071724	EVOLUTION OF DENDRITIC CELL DYSFUNCTION IN FIV INFECTION	\$103,233
2009	INDEVV LLC	CO	R43AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$298,406
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI073945	FUNCTIONAL ANERGY IN B CELLS	\$390,000
2009	UNIVERSITY OF COLORADO DENVER	CO	K24AI074343	INTERFACE OF INNATE AND ADAPTIVE IMMUNITY IN HIV-1 INFECTION	\$128,131
2009	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$474,134
2009	COLORADO STATE UNIVERSITY	CO	R01AI065784	ARTHROPOD VECTOR-BASED VACCINES FOR LEISHMANIASIS	\$439,267

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2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059618	STUDY OF ALLERGEN, GENETICS AND ENDOTOXIN (SAGE)	\$362,764
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI064029	SEX AND DISEASE DEPENDENT NUCLEOSIDE ANALOG TOXICITY	\$387,486
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI054959	Analysis of intracellular host defenses in Salmonella pathogenesis	\$259,596
2009	PRECISION PHOTONICS CORP	CO	R44AI068543	LOW COST MULTI-PATHOGEN LASER DIAGNOSTIC FOR HIV AND AIDS CO-INFECTIONS	\$841,216
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI068777	COMBINED TLR/CD40-AGONIST INDUCED CD8+ T CELL MEMORY	\$366,733
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI076463	VISUALIZATION OF VA14I NKT CELLS IN VIVO	\$192,636
2009	BOLDER BIOTECHNOLOGY, INC	CO	R44AI058815	LONG-ACTING GROWTH HORMONE FOR TREATING HIV-ASSOCIATED ADIPOSE REDISTRIBUTION SYN	\$1,000,000
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI079894	TUBERCULOSIS: BIOLOGY, PATHOLOGY AND THERAPY	\$31,000
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081594	HIV IMMUNOBIOLOGY: FROM INFECTION TO IMMUNE CONTROL	\$28,000
2009	UNIVERSITY OF COLORADO DENVER	CO	F32AI068340	MOLECULAR BASIS OF BCR/CHEMOKINE RECEPTOR CROSSTALK	\$11,433
2009	UNIVERSITY OF COLORADO DENVER	CO	R37AI015940	IRON AND O2 IN THE REGULATION OF P. AERUGINOSA VIRULENCE	\$572,068
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$371,495
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI078087	SMALL RNA DISCOVERY AND ANALYSIS IN ASCARIS	\$196,265
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI070175	EFFECTS OF ALLERGIC INFLAMMATION ON TLR2 SIGNALING AND MYCOPLASMA INFECTION	\$390,000
2009	COLORADO STATE UNIVERSITY	CO	R01AI080486	CHROMOSOMAL ALTERATIONS IN BASIC MECHANISMS OF RADIATION INJURY	\$369,160
2009	PRECISION PHOTONICS CORP	CO	R44AI070052	LOW COST LASER DIAGNOSTIC FOR CD4+ T CELL COUNTING	\$417,814
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI018785	Characteristics of T Cell Receptors	\$344,081
2009	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$336,931
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI033613	IMMUNE RECOGNITION AND TOLERANCE OF ANTIBODY DIVERSITY	\$317,281
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI031940	GENETIC ANALYSIS OF CHOLERA TOXIN STRUCTURE AND FUNCTION	\$579,014
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$356,082

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2009	UNIVERSITY OF COLORADO DENVER	CO	U19AI050864	BENAROYA RESEARCH INSTITUTE/UCDHSC AUTOIMMUNE COOPERATIVE STUDY GROUP	\$1,213,823
2009	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI076287	DISCOVERY OF INHIBITORS OF DNA REPLICATION IN GRAM-POSITIVE BACTERIA	\$374,741
2009	INDEVVR LLC	CO	R44AI068270	MONITORING SYSTEM FOR VECTOR-BASED INFLUENZA VACCINE	\$809,394
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI078207	B CELL DEVELOPMENT IN AGING	\$191,875
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI075177	STRUCTURAL STUDIES OF THE EARLY B-CELL FACTOR (EBF)	\$205,001
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$458,851
2009	UNIVERSITY OF COLORADO DENVER	CO	K08AI080285	INFLUENCE OF SEX STEROIDS ON HIV-1 CHEMOKINE CORECEPTOR EXPRESSION IN WOMEN	\$132,184
2009	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI076682	A MAMMALIAN CELLULAR NICHE FOR CHRONIC BACTERIA	\$185,646
2009	COLORADO STATE UNIVERSITY	CO	R01AI063457	MOLECULAR EPIDEMIOLOGY OF LEPROSY	\$345,300
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI044920	THE BASIS OF FUNCTIONAL VARIATION IN GAMMA/DELTA T CELLS	\$68,250
2009	COLORADO STATE UNIVERSITY	CO	R01AI063054	MODE OF ACTION OF THIORCARLIDE IN MYCOBACTERIUM TUBERCULOSIS	\$367,500
2009	UNIVERSITY OF COLORADO DENVER	CO	P01AI059576	SARS CORONAVIRUS: INHIBITION OF ENTRY	\$166,554
2009	INDEVVR LLC	CO	U01AI070276	ADVANCED MICROARRAY TECHNOLOGY FOR PATHOGEN SURVEILLANCE	\$855,146
2009	UNIVERSITY OF COLORADO DENVER	CO	R01AI070983	FUNCTIONAL ANALYSIS OF COMPLEMENT RECEPTOR 2 AS A LUPUS SUSCEPTIBILITY GENE	\$526,668
2009	INVIRAGEN LLC	CO	U01AI070443	PRECLINICAL DEVELOPMENT OF A CHIMERIC TETRAVALENT DENGUE VACCINE	\$487,622
2009	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$501,197
2009	COLORADO COLLEGE	CO	R15AI084075	GLYCODIVERSIFICATION OF ANGUICYCLINE ANTIBIOTICS	\$191,317
2009	UNIVERSITY OF COLORADO DENVER	CO	K08AI076518	MECHANISMS OF APOPTOSIS IN VIRUS-INFECTED NEURONS	\$139,537
2009	UNIVERSITY OF COLORADO DENVER	CO	R21AI076161	ENHANCEMENT OF HIV-SPECIFIC CD4+ T CELL FUNCTION BY BLOCKADE OF THE PD-1 PATHWAY	\$228,512
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI082769	DENDRITIC CELLS	\$7,700
2009	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI081327	ALLERGY AND ASTHMA	\$11,000

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2009	COLORADO STATE UNIVERSITY	CO	R01AI083368	YELLOW FEVER/DENGUE VIRUS COMPETENCE IN AEADES AEGYPT AEGYPTI/FORMOSUS IN SENEGAL	\$357,809
2009	BOLDER BIOTECHNOLOGY, INC	CO	R43AI084301	GM-CSF ANALOGS FOR TREATING ACUTE RADIATION SYNDROME	\$299,958
2009	YALE UNIVERSITY	CT	F32AI071388	CYTOKINE SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$51,278
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI071213	ANTIGEN PRESENTATION AFTER INFLUENZA VIRUS INFECTION	\$362,970
2009	YALE UNIVERSITY	CT	R03AI078333	ANALYSIS OF THE TRYPANOSOMA BRUCEI GENOME USING TILING ARRAYS	\$82,750
2009	YALE UNIVERSITY	CT	R01AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$710,367
2009	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	\$380,205
2009	YALE UNIVERSITY	CT	R01AI066109	REGULATION OF NF-KB TRANSCRIPTIONAL ACTIVITY	\$380,205
2009	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$675,984
2009	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$403,271
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI068265	T-CELL RESPONSES PREDICT INFLUENZA RISK IN OLDER ADULTS	\$470,418
2009	YALE UNIVERSITY	CT	U01AI070343	IMMUNOTHERAPEUTICS FOR TREATMENT OF FLAVIVIRUS INFECTION	\$1,286,788
2009	YALE UNIVERSITY	CT	P01AI064343	PERIPHERAL MECHANISMS OF IMMUNOLOGIC TOLERANCE	\$1,434,720
2009	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$354,706
2009	CONNECTICUT CHILDREN'S MEDICAL CENTER	CT	K08AI071918	MATERNAL INFLUENCE ON THE DEVELOPMENT OF ALLERGY IN OFFSPRING	\$126,537
2009	L2DIAGNOSTICS, LLC	CT	R43AI078649	NANOPARTICLE-BASED VACCINES AGAINST FLAVIVIRUSES	\$300,000
2009	YALE UNIVERSITY	CT	R01AI068814	JAK/STAT SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$324,711
2009	UNIVERSITY OF CONNECTICUT	CT	R01AI073375	TARGETING BACILLUS DHFR: STRUCTURAL STUDIES AND SYNTHESIS OF INHIBITORS	\$334,616
2009	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$365,300
2009	YALE UNIVERSITY	CT	R01AI074699	CONTROL OF EFFECTOR AND MEMORY T CELL DEVELOPMENT BY INFLAMMATORY SIGNALS	\$413,308
2009	UNIVERSITY OF CONNECTICUT	CT	R01AI068761	MALARIA VACCINE BASED ON SELF-ASSEMBLING POLYPEPTIDE NANOPARTICLES (SAPN)	\$578,313
2009	YALE UNIVERSITY	CT	R01AI069396	TH2 RESPONSES IN THE CUTANEOUS ENVIRONMENT	\$350,420
2009	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$361,191

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2009	YALE UNIVERSITY	CT	R37AI033443	REGULATION OF NF-KB AND IKB PROTEINS	\$394,118
2009	YALE UNIVERSITY	CT	R01AI080781	Novel vaccines for broad protection against avian influenza	\$413,750
2009	YALE UNIVERSITY	CT	F31AI084500	INFECTION AND CD8 T CELL MEMORY: DEVELOPMENT, MAINTENANCE AND PLASTICITY	\$41,176
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI076457	T Cell Response to Listeria Monocytogenes Infection	\$370,000
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R56AI057441	MECHANISMS OF EFFECTOR CD4 CELL TOLERIZATION	\$382,500
2009	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$229,377
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	T32AI007080	BASIC IMMUNOLOGY AND IMMUNOLOGIC CELL INJURY	\$169,898
2009	YALE UNIVERSITY	CT	R01AI055502	TOLL PATHWAY & CONTROL OF ADAPTIVE IMMUNE RESPONSES	\$403,271
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI051583	ROLE OF IL-15 IN CD8 T CELL DEVELOPMENT AND RESPONSE	\$370,000
2009	YALE UNIVERSITY	CT	R01AI064660	ROLE OF INNATE IMMUNITY IN TRANSPLANTATION TOLERANCE	\$311,484
2009	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$599,502
2009	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$452,427
2009	YALE UNIVERSITY	CT	U19AI065866	INTERVENABLE HOST LEISHMANIA (VIANNIA) INTERACTIONS	\$1,027,114
2009	YALE UNIVERSITY	CT	R01AI041699	GENETIC ANALYSIS OF LEGIONELLA PHAGOSOME TRAFFICKING	\$410,541
2009	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$608,124
2009	YALE UNIVERSITY	CT	K23AI068280	EPIDEMIOLOGY OF HUMAN METAPNEUMOVIRUS(HMPV) INFECTION	\$135,930
2009	YALE UNIVERSITY	CT	R21AI076645	NEW ANIMAL AND CULTURE MODELS TO RAPIDLY EVALUATE INFECTIVITY OF THE VCJD AGENT	\$206,875
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI078708	IDENTIFICATION OF SHORT FUNCTIONAL MOTIFS AS POTENTIAL DRUG TARGETS FOR HIV	\$17,483
2009	YALE UNIVERSITY	CT	R21AI076879	TSETSE-TRYPANOSOME INTERACTIONS	\$247,818
2009	YALE UNIVERSITY	CT	R01AI079222	Fcgamma mediated regulation of dendritic cell function	\$413,750
2009	LIFEPHARMS INC	CT	R43AI084243	DISCOVERY OF NOVEL ANTIBACTERIALS FROM A MUSHROOM NATURAL PRODUCT LIBRARY	\$378,012
2009	YALE UNIVERSITY	CT	R01AI075157	DISSECTING THE ROLE FOR IL-15 IN CD8+ T CELL HOMEOSTASIS IN HUMAN LUPUS	\$413,750
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$370,000

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2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI061381	PILUS ASSEMBLY IN GRAM-POSITIVE BACTERIA	\$0
2009	YALE UNIVERSITY	CT	R01AI046018	GENETIC STUDIES OF AFRICAN ANOPHELES VECTORS OF MALARIA	\$339,232
2009	YALE UNIVERSITY	CT	R01AI075133	STRUCTURAL BASIS OF JAK3-MEDIATED INTERLEUKIN-2 FAMILY SIGNAL TRANSDUCTION	\$465,262
2009	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$97,261
2009	YALE UNIVERSITY	CT	K08AI074404	HIV NUCLEOSIDE ANALOGS TRANSLATIONAL STUDIES: RESISTANCE AND METABOLISM	\$125,820
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$400,302
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI079949	MATERNAL TRANSFER OF PROTECTION FROM ALLERGIC GASTROINTESTINAL DISEASE	\$185,000
2009	YALE UNIVERSITY	CT	R01AI084140	A MULTIPRONGED, PROTEIN DEGRADATION-BASED APPROACH TO INHIBIT HIV TRANSMISSION	\$466,786
2009	YALE UNIVERSITY	CT	R21AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$245,990
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI078289	ROLE OF CD11C IN CD8 T CELL RESPONSE TO INFECTION	\$467,267
2009	YALE UNIVERSITY	CT	R01AI073722	ACTIVATION AND REGULATION OF AUTOREACTIVE B CELLS IN HEALTH AND DISEASE	\$500,648
2009	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$413,750
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$370,000
2009	YALE UNIVERSITY	CT	R01AI043594	RNA CAPPING IN TRYPANOSOMES	\$413,750
2009	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$331,000
2009	YALE UNIVERSITY	CT	R01AI064559	MODULATION OF HOST CELL FUNCTIONS BY COXIELLA BURNETII	\$350,420
2009	YALE UNIVERSITY	CT	R01AI056333	SMALL RNAS AND THEIR ROLE IN TRYPANOSOME BIOLOGY	\$372,375
2009	YALE UNIVERSITY	CT	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$389,355
2009	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$413,750
2009	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI073299	MECHANISM AND IN VIVO ANTI-HBV STUDY OF A NOVEL CLASS OF NON-NUCLEOSIDE COMPOUNDS	\$365,300
2009	YALE UNIVERSITY	CT	R01AI048854	CYTOMEGALOVIRUS IN THE BRAIN	\$394,118
2009	YALE UNIVERSITY	CT	R01AI068041	IFN- γ -inducible GBPs in protective immunity to tuberculosis	\$458,183

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2009	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$493,571
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F32AI074277	REGULATION OF MEMORY T CELL LINEAGE DIFFERENTIATION BY EPIGENETIC MODIFICATIONS	\$51,710
2009	YALE UNIVERSITY	CT	R01AI079022	VIRULENCE FACTORS OF SALMONELLA TYPHI	\$413,750
2009	YALE UNIVERSITY	CT	K08AI078533	ELUCIDATING FUNCTIONAL PROPERTIES OF MEMORY B CELLS	\$134,730
2009	YALE UNIVERSITY	CT	R03AI080993	CHARACTERIZATION OF AN ANAPLASMA PHAGOCYTOPHILUM PROTEIN INTERFERING WITH EUKARYO	\$82,750
2009	YALE UNIVERSITY	CT	U19AI082713	YALE AUTOIMMUNITY CENTER OF EXCELLENCE	\$736,276
2009	YALE UNIVERSITY	CT	R21AI083242	NLR CONTROL OF ANTIVIRAL DEFENSE IN THE RESPIRATORY MUCOSA	\$248,250
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	K99AI080868	VISUALIZING ENDOGENOUS CD8 T CELL MIGRATION TO INFECTION	\$94,380
2009	YALE UNIVERSITY	CT	F32AI072942	DNA IMMUNIZATION IN THE FEMALE GENITAL TRACT USING A CONTROLLED DELIVERY MATRIX	\$55,310
2009	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$781,122
2009	YALE UNIVERSITY	CT	R37AI040357	DEVELOPMENT OF VSV/HIV RECOMBINANTS AS HIV VACCINES	\$331,000
2009	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$324,711
2009	YALE UNIVERSITY	CT	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$394,118
2009	YALE UNIVERSITY	CT	T32AI055403	Predocctoral Training Program in Virology	\$176,920
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI077283	GP96, TLR AND IMMUNOLOGIC TOLERANCE	\$380,001
2009	YALE UNIVERSITY	CT	R01AI082295	REGULATION OF CXCR4 BY COGNATE AND NON-COGNATE LIGANDS	\$407,200
2009	YALE UNIVERSITY	CT	R37AI026109	Molecular Genetics of Parvoviral DNA Replication	\$565,852
2009	YALE UNIVERSITY	CT	F32AI081449	IFN-INDEPENDENT ANTIVIRAL MECHANISMS OF PLASMACYTOID DENDRITIC CELLS	\$46,826
2009	YALE UNIVERSITY	CT	R01AI084096	TARGETING HIV CELL-TO-CELL TRANSMISSION	\$536,478
2009	YALE UNIVERSITY	CT	R01AI068043	MOLECULAR EPIDEMIOLOGIC IDENTIFICATION OF PNEUMOCOCCAL TISSUE SPECIFIC GENES	\$567,363
2009	YALE UNIVERSITY	CT	R21AI078480	INVESTIGATING NOVEL MEMORY B CELL-SPECIFIC GENES USING FLUORESCENT REPORTER MICE	\$248,250
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$536,164
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$479,974
2009	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$389,356

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2009	YALE UNIVERSITY	CT	R01AI051584	Molecular Aspects of Tsetse and Trypanosome Transmission	\$465,239
2009	YALE UNIVERSITY	CT	R37AI023081	ROLE OF ENDOCYTOSIS IN CELL RECOGNITION	\$389,356
2009	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$389,354
2009	YALE UNIVERSITY	CT	R01AI063554	BAF COMPLEXES IN T CELL DEVELOPMENT	\$380,205
2009	YALE UNIVERSITY	CT	R01AI065029	FUNCTIONAL AND STRUCTURAL STUDIES OF CD74 ACTIVATION	\$394,118
2009	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$315,294
2009	YALE UNIVERSITY	CT	R01AI072706	OPTIONAL INFLUENZA VACCINE AND POPULATION ADHERENCE	\$196,213
2009	YALE UNIVERSITY	CT	T32AI007640	Predoctoral Training Program in Microbial Pathogenesis	\$218,566
2009	YALE UNIVERSITY	CT	F32AI069704	S. TYPHIMURIUM LEUCINE-RICH REPEAT EFFECTOR PROTEINS	\$53,354
2009	YALE UNIVERSITY	CT	R01AI081774	Tsetse Fecundity Reduction for Trypanosomiasis Control	\$409,820
2009	YALE UNIVERSITY	CT	F32AI077267	MOLECULAR CHARACTERIZATION OF A HOOKWORM MACROPHAGE MIGRATION INHIBITORY FACTOR	\$56,030
2009	YALE UNIVERSITY	CT	R01AI082030	THE ROLE OF BCL-RAMBO IN THYMIC INVOLUTION	\$413,750
2009	YALE UNIVERSITY	CT	F31AI081516	T B CELL HELPERS IN IMMUNITY & AUTOIMMUNITY:DEVELOPMENT MAINTENANCE AND MIGRATION	\$41,176
2009	YALE UNIVERSITY	CT	K08AI071074	THE REGULATION OF PSEUDOMONAS AERUGINOSA SURFACE COLONIZATION	\$131,895
2009	YALE UNIVERSITY	CT	R01AI080850	IN VIVO IMAGING OF T AND B CELL INTERACTIONS IN GERMINAL CENTER INITIATION	\$413,750
2009	YALE UNIVERSITY	CT	F32AI069785	MODULATION OF THE PHAGOLYSOSOME BY SALMONELLA	\$52,898
2009	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$413,750
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$281,955
2009	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$331,000
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI037549	HSV 1 PROCESSING/PACKAGING GENES	\$315,965
2009	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$542,241
2009	YALE UNIVERSITY	CT	R01AI059529	GENESIS & CONTROL OF LYME DISEASE BY INNATE IMMUNITY	\$117,692
2009	YALE UNIVERSITY	CT	R01AI058980	THE ROLE OF MIF IN HOOKWORM INFECTION AND DISEASE	\$438,795

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2009	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$380,205
2009	LIFEPHARMS INC	CT	U01AI061456	INHIBITORS OF POXVIRUS ENZYMES AS NOVEL DRUGS	\$896,022
2009	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI063348	REGULATION AND FUNCTION OF MEKK3 IN DENDRITIC CELLS	\$384,855
2009	YALE UNIVERSITY	CT	R01AI032947	BORRELIA BURGDORFERI INTERACTIONS WITH IXODES SCAPULARIS	\$400,401
2009	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$1
2009	YALE UNIVERSITY	CT	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$38,014
2009	YALE UNIVERSITY	CT	R01AI076259	MOLECULAR DETERMINANTS OF HEPATITIS C VIRUS INFECTIVITY	\$413,750
2009	GEORGETOWN UNIVERSITY	DC	R01AI064706	ROLE OF PARP-1 IN MEDIATING INFLAMMATORY GENE TRANSCRIPTION	\$295,672
2009	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$24,975
2009	GEORGETOWN UNIVERSITY	DC	R01AI060792	DESIGNING HTA THERAPY FOR DRUG RESISTANT MALARIA	\$360,904
2009	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$224,465
2009	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Womens Interagency HIV/AIDS Study	\$2,639,393
2009	GEORGETOWN UNIVERSITY	DC	R01AI043465	HISTIDINE KINASE 2-COMPONENT PROTEIN OF CANDIDA ALBICANS	\$344,996
2009	GEORGETOWN UNIVERSITY	DC	R01AI045957	THE PHYSIOLOGY OF DRUG RESISTANT MALARIA	\$216,543
2009	GEORGETOWN UNIVERSITY	DC	R01AI062854	ROLE OF RAG1 UBIQUITIN LIGASE ACTIVITY IN RECOMBINATION	\$259,448
2009	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$29,650
2009	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI082785	3RD ASM CONFERENCE ON SALMONELLA	\$20,000
2009	GEORGETOWN UNIVERSITY	DC	R21AI081041	MASSIVELY PARALLEL SEQUENCING OF THE DIAPAUSE TRANSCRIPTOME IN Aedes ALBOPICTUS	\$280,668
2009	US NAVAL RESEARCH LABORATORIES	DC	U01AI075489	PARTNERSHIP FOR DETECTION OF INFECTION BY CATEGORY B PATHOGENS	\$737,946
2009	GEORGETOWN UNIVERSITY	DC	R03AI081033	MICRORNAs IN GIARDIA PATHOGENESIS	\$76,750
2009	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$345,375
2009	GEORGETOWN UNIVERSITY	DC	F31AI078714	ANALYSIS OF SENSE AND ANTISENSE TRANSCRIPTS DURING THE GIARDIA LAMBLIA LIFECYCLE	\$29,496
2009	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI057906	HCMV UL37 PROTEINS: TRAFFICKING & FUNCTIONAL DIVERSITY	\$308,815
2009	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI082086	MULTIVALENT PLAGUE, ANTHRAX VACCINES USING BACTERIOPHAGE T4 DISPLAY	\$248,758

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2009	Federation of American Scientists	DC	R25AI084848	Immune Attack the video game: a shared portal into the molecular world for scient	\$143,484
2009	GEORGETOWN UNIVERSITY	DC	R34AI085193	THE NOSES TRIAL, NASAL IRRIGATION, ORAL STEROIDS, ANTIBIOTICS AND SUBGROUP TARGET	\$234,279
2009	UNIVERSITY OF FLORIDA	FL	F31AI071353	TYPE I INTERFERON RESPONSES TO HEPATITIS C VIRUS	\$33,088
2009	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$448,827
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI048562	TRANSFECTION AND ANALYSIS OF TRANSCRIPTION IN B. MALAYI	\$330,580
2009	Florida State University	FL	R01AI055461	HIV AND SIV ENVELOPE GLYCOPROTEINS	\$353,375
2009	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$353,858
2009	FLORIDA STATE UNIVERSITY	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$355,833
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI052017	RETROCYCLINS: CIRCULAR DEFENSINS ACTIVE AGAINST HIV-1	\$342,651
2009	UNIVERSITY OF FLORIDA	FL	R01AI078967	TAILORING AAV VECTORS FOR GLIOMA IMMUNOTHERAPY	\$366,250
2009	UNIVERSITY OF MIAMI	FL	R33AI073234	INDUCTION OF MUCOSAL SIV IMMUNITY IN NON HUMAN PRIMATES BY SECRETED HSP-GP96	\$459,000
2009	UNIVERSITY OF MIAMI	FL	R03AI078822	MODULATION OF HIV-1 INFECTION BY CCL18	\$76,500
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI038178	REGULATION OF VIRULENCE FACTORS IN BARTONELLA HENSELAE	\$330,750
2009	UNIVERSITY OF FLORIDA	FL	R01AI056152	STUDY OF GAMMA INTERFERON AGONISTS/MIMETICS	\$399,103
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI060753	NASAL CARRIAGE OF S. AUREUS: HOST-PATHOGEN INTERACTIONS	\$306,483
2009	UNIVERSITY OF FLORIDA	FL	R01AI044793	INVASION BIOLOGY OF Aedes albopictus	\$372,984
2009	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$421,409
2009	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$1,265,567
2009	UNIVERSITY OF FLORIDA	FL	R01AI045098	ANION REGULATION IN LARVAE OF DISEASE VECTOR MOSQUITOES	\$304,514
2009	UNIVERSITY OF MIAMI	FL	R01AI046689	ALLOGENEIC MIHA INDUCED MARROW ALLOGRAFT RESISTANCE	\$481,572
2009	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$459,749
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073795	CHEMICAL GENETICS OF PLASMODIUM KINASES	\$356,164
2009	UNIVERSITY OF FLORIDA	FL	R01AI077583	THE INTERACTION OF CHLAMYDIA WITH THE HOST CYTOSKELETON	\$366,250

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2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI077662	ESSENTIAL CELL CYCLE MECHANISMS IN TOXOPLASMA	\$379,675
2009	UNIVERSITY OF MIAMI	FL	U01AI083015	EVALUATION OF NOVEL DEXD/H HELICASES IN INNATE IMMUNE SIGNALING	\$363,915
2009	UNIVERSITY OF FLORIDA	FL	R21AI078450	CHARACTERIZATION OF NOVEL POLYREACTIVE ANIT-HIV ANITBODIES AUTOIMMUNITY	\$183,250
2009	UNIVERSITY OF FLORIDA	FL	R03AI076547	MYCOPLASMA MODEL OF INFECTION-MEDIATED STERILE INFLAMMATION	\$73,250
2009	UNIVERSITY OF MIAMI	FL	R01AI039575	CONTROL OF VIRULENCE PROTEIN EXPORT IN YERSINIA PESTIS	\$375,233
2009	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$317,071
2009	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI058170	METALLOID TRANSPORTERS AND DRUG RESISTANCE IN LEISHMANIA	\$194,938
2009	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI059715	MECHANISMS OF CO-STIMULATORY MOLECULE EXPRESSION IN DCS	\$341,139
2009	UNIVERSITY OF MIAMI	FL	R01AI077501	ROLE OF IL21 IN HIV INFECTION	\$382,500
2009	UNIVERSITY OF FLORIDA	FL	R01AI073674	MECHANISM OF TRYPANOSOMA CRUZI'S TRANSSIALIDASE IN CHAGAS' DISEASE	\$237,971
2009	UNIVERSITY OF MIAMI	FL	R21AI078834	IMMUNOSTIMULATORY SINGLE CYCLE SIV VACCINES INCORPORATING TRAF-MEDIATED MOLECULAR	\$368,984
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI078376	MARINE NATURAL PRODUCTS AS ANTIMALARIALS	\$190,510
2009	ALTOR BIOSCIENCE CORPORATION	FL	R43AI083130	CREATION OF TCR-BASED IMMUNOTHERAPEUTIC TARGETING HIV-1	\$164,000
2009	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$79,572
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073783	TOXIN THERMAL INSTABILITY AND ITS ROLE IN HOST-TOXIN INTERACTIONS	\$348,255
2009	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$356,526
2009	UNIVERSITY OF FLORIDA	FL	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	\$308,940
2009	UNIVERSITY OF SOUTH FLORIDA	FL	F31AI084557	BIOCHEMICAL CHARACTERIZATION OF CYTOCHROME B5 REDUCTASE IN CANDIDA ALBICANS	\$31,948
2009	Florida State University	FL	R01AI079150	Cyclosporine, Cyclophilins and HCV Replication	\$327,821
2009	UNIVERSITY OF MIAMI	FL	R21AI083461	THE DEVELOPING INTESTINAL IMMUNE SYSTEM IN YERSINIA ENTEROCOLITICA INFECTION	\$229,500
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI082693	AMINOGLYCOSIDE MICROBICIDES RESTORE NATURAL EXPRESSION OF ANTI-HIV-1 RETROCYCLINS	\$193,520

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2009	UNIVERSITY OF MIAMI	FL	R01AI065723	IMMUNOLOGIC MECHANISMS, BIOMARKERS AND SUBSETS IN CHRONIC FATIGUE SYNDROME (CFS)	\$375,233
2009	UNIVERSITY OF FLORIDA	FL	R01AI039126	FOAMY VIRUS VECTOR FOR IMMUNODEFICIENCY VIRUSES THERAPY	\$323,362
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$337,184
2009	UNIVERSITY OF MIAMI	FL	R01AI057648	CHARACTERIZATION OF THE ETEC VIRULENCE REGULATOR RNS	\$404,816
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI035272	LIPID STORAGE AND MOBILIZATION IN M. TUBERCULOSIS AS ANTILATENCY DRUGS TARGETS	\$380,958
2009	UNIVERSITY OF FLORIDA	FL	R01AI058256	VIRAL-BASED CHEMOKINE RECEPTOR ANTAGONISTS	\$395,093
2009	UNIVERSITY OF FLORIDA	FL	R01AI023262	REGULATION OF ACTIN FILAMENT FORMATION IN PHAGOCYTES	\$346,491
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI072465	MAPPING PROTEIN INTERACTIONS BETWEEN FILARIA AND ITS WOLBACHIA ENDOSYMBIONT	\$396,239
2009	FLORIDA INTERNATIONAL UNIVERSITY	FL	SC1AI081376	REGULATION OF P. AERUGINOSA POXB OXACILLINASE BY AMPR AND A TWO-COMPONENT SYSTEM	\$311,000
2009	UNIVERSITY OF FLORIDA	FL	R21AI079193	SMALL RNA REGULATION OF DEVELOPMENT IN CHLAMYDIA	\$183,125
2009	UNIVERSITY OF FLORIDA	FL	R01AI080607	Studies in Poxvirus Host Range Genes and Tropism	\$362,822
2009	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,184,579
2009	UNIVERSITY OF FLORIDA	FL	R01AI061158	MECHANISMS OF INNATE AND ADAPTIVE IMMUNITY IN HCV	\$304,514
2009	UNIVERSITY OF MIAMI	FL	U01AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$848,314
2009	UNIVERSITY OF FLORIDA	FL	R01AI015539	MOLECULAR BIOLOGY OF POLIOVIRUS RNA REPLICATION	\$410,189
2009	UNIVERSITY OF FLORIDA	FL	R01AI064891	ANTHRAX TOXINS IMPAIR PHAGOCYTE ACTIN-BASED MOTILITY	\$238,525
2009	Florida State University	FL	P01AI074805	M TUBERCULOSIS MEMBRANE PROTEIN PHARMACEUTICAL TARGETS	\$1,765,751
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R03AI083904	UNCOVERING CO-STIMULATORY T CELL HELP DEFECTS IN COMMON VARIABLE IMMUNODEFICIENCY	\$73,500
2009	UNIVERSITY OF FLORIDA	FL	R01AI047859	ANTIGENS OF THE RNA-INDUCED SILENCING COMPLEX IN AUTOIMMUNITY	\$385,645
2009	UNIVERSITY OF FLORIDA	FL	R01AI065265	ROLE OF HIV-1 ENV DIVERSITY IN CELLULAR TROPISM	\$219,320

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2009	UNIVERSITY OF MIAMI	FL	U01AI069477	MIAMI HIV/AIDS CLINICAL THERAPEUTIC AND VACCINE TRIAL UNIT	\$1,499,229
2009	UNIVERSITY OF MIAMI	FL	R01AI060729	STAGE-SPECIFIC SIGNALING IN PERIPHERAL B CELL SELECTION	\$364,351
2009	UNIVERSITY OF MIAMI	FL	R01AI044923	REGULATION OF MURINE NEONATAL TH2 FUNCTION	\$364,351
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI047723	IMPACT OF HIV-1 GENOTYPE ON THERAPY RESPONSE IN CHILDREN	\$442,547
2009	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$340,663
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$679,373
2009	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$382,500
2009	SOLIGENIX INC	FL	U01AI082210	DEVELOPMENT OF STABLE AND RAPIDLY ACTING ADJUVANTED VACCINES FOR BIODEFENSE	\$1,305,761
2009	Florida State University	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$413,113
2009	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$355,568
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI033656	MOLECULAR ANALYSIS OF APICAL ORGANELLES OF PLASMODIUM	\$307,653
2009	UNIVERSITY OF FLORIDA	FL	R01AI068965	GENETIC DISSECTION OF SLE2 CONTRIBUTION TO SLE PATHOGENESIS	\$342,474
2009	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	\$555,710
2009	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$362,822
2009	UNIVERSITY OF FLORIDA	FL	T32AI060527	BIODEFENSE AND EMERGING INFECTIOUS DISEASES (BEID)	\$67,434
2009	UNIVERSITY OF MIAMI	FL	K22AI068489	CD40L AND GITRL ADJUVANTS FOR ADENOVIRAL VACCINES AGAINST HIV	\$108,000
2009	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI076881	ROLE OF THE LISTERIA PROTEIN INLC AND ITS HOST LIGAND TUBA IN CELL-CELL SPREAD	\$177,500
2009	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$387,227
2009	EMORY UNIVERSITY	GA	R01AI036680	IMMUNODOMINANT TARGETS OF CMI TO CRYPTOSPORIDIUM	\$210,146
2009	EMORY UNIVERSITY	GA	R01AI059290	CD137 SIGNALS IN DC DURING AG-PRIMING INDUCES TOLERANCE	\$392,994
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI063523	BIOSYNTHESIS AND FUNCTION OF BASE J	\$316,128
2009	EMORY UNIVERSITY	GA	R37AI028731	NONCARBOHYDRATE APPROACHES TO ANTIAIDS NUCLEOSIDES	\$334,391
2009	EMORY UNIVERSITY	GA	R01AI034000	MHC CLASS II TRANSACTIVATOR FUNCTION AND REGULATION	\$320,209
2009	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,184,564
2009	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$402,333

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2009	GENETAG TECHNOLOGY INC	GA	R43AI081511	NOVEL UNIVERSAL PROBES FOR MULTI-TARGET QPCR DETECTION OF AVIAN FLU	\$196,199
2009	EMORY UNIVERSITY	GA	K08AI079166	DISSECTING THE PATHWAYS LEADING TO INJURY IN LUNG TRANSPLANTATION	\$128,736
2009	EMORY UNIVERSITY	GA	F32AI080175	CELL DEATH SUPPRESSION IN CYTOMEGALOVIRUS PATHOGENESIS	\$50,054
2009	EMORY UNIVERSITY	GA	R01AI078426	PATHOGENESIS OF MURINE POLYOMAVIRUS ALLOGRAFT NEPHROPATHY	\$387,500
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI069275	ANTIBODY INHIBITION OF RESPIRATORY SYNCYTIAL VIRUS G PROTEIN ACTIVITY	\$320,713
2009	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI059415	ENDOTOXIN EXPOSURE ALTERS-ANTI-TETANUS IGE IN INFANTS	\$333,377
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033106	CD8+ T CELL AND TRYPANOSOMA CRUZI INFECTION	\$342,300
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI060469	VIRULENCE OF THE OPPORTUNISTIC PATHOGEN RHODOCOCNIS EQUI	\$315,485
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$304,514
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$309,698
2009	EMORY UNIVERSITY	GA	R01AI065961	MOLECULAR MECHANISMS OF ANTIGENIC VARIATION IN MALARIA	\$402,453
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R37AI025899	SYNTHESIS AND BIOTRANSFORMATION OF ANTI-HIV PRODRUGS	\$511,613
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI058297	NOVEL PHOSPHOLIPASES C IN TRYPANOSOMATIDS	\$281,002
2009	EMORY UNIVERSITY	GA	T32AI007470	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$285,910
2009	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$4,736,301
2009	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$825,072
2009	EMORY UNIVERSITY	GA	K08AI072191	MECHANISMS OF T CELL DYSFUNCTION IN HEPATITIS C VIRUS PERSISTENCE	\$128,250
2009	EMORY UNIVERSITY	GA	U01AI079223	ADJUVANT THERAPIES IMPROVING THE ANTI-REJECTION EFFECTS OF COSTIMULATION BLOCKADE	\$603,999
2009	EMORY UNIVERSITY	GA	R21AI081217	CROSS-SPECIES MICROARRAY-BASED GENOMIC SELECTION: APPLICATION TO NONHUMAN PRIMATE	\$232,500
2009	EMORY UNIVERSITY	GA	R37AI048638	Understanding the Role of Mucosal Antigen Presenting Cells in Regulating Immune R	\$183,334
2009	EMORY UNIVERSITY	GA	R01AI078775	PD-1 MODULATION OF SIV SPECIFIC CD4 AND CD8 T CELL RESPONSES	\$582,964
2009	EMORY UNIVERSITY	GA	R01AI078773	INNATE IMMUNITY AND SIV INFECTION	\$720,585

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2009	ZETRA BIOLOGICALS LLC	GA	R43AI081385	ADJUVANT-CONTAINING CHIMERIC VIRUS-LIKE PARTICLES AS IMPROVED INFLUENZA VACCINES	\$299,999
2009	EMORY UNIVERSITY	GA	K22AI079409	ANTIGEN DENSITY CRITICALLY IMPACTS T CELL PROGRAMMING DURING TRANSPLANTATION	\$162,000
2009	EMORY UNIVERSITY	GA	R03AI076640	THE ROLE OF CYTOMEGALOVIRUS ANTIAPOPTOTIC PROTEINS IN REPLICATION IN MACROPHAGES.	\$77,500
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI067569	PROPHAGE-ASSOCIATED VIRULENCE FACTORS IN PATHOGENIC NEISSERIA SPECIES	\$73,750
2009	EMORY UNIVERSITY	GA	R01AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$717,280
2009	EMORY UNIVERSITY	GA	R01AI049334	QUANTITATIVE MODELS OF CD8+ T-CELL MEMORY	\$187,616
2009	EMORY UNIVERSITY	GA	R01AI065362	MOLECULAR MECHANISMS OF CD4+ T CELL DYSFUNCTION IN SIV	\$327,916
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI061356	MECHANISM OF TRNA IMPORT INTO TRYPANOSOME MITOCHONDRIA	\$342,998
2009	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$440,000
2009	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$375,233
2009	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$2,478,914
2009	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI079277	VISUALIZATION OF INDIVIDUAL FOXP3+ T CELLS DURING AN ONSET AND PROGRESSION OF AUT	\$367,500
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077538	The roles of polyphosphate and acidocalcisomes in Trypanosoma brucei	\$371,250
2009	EMORY UNIVERSITY	GA	R21AI083420	GUT EPITHELIAL INNATE IMMUNE RESPONSE TO ROTAVIRUS	\$232,500
2009	MEDITECH MEDIA LTD USA	GA	R13AI082946	INTERNATIONAL SYMPOSIUM ON VIRAL RESPIRATORY DISEASE SURVEILLANCE	\$5,000
2009	GEORGIA SOUTHERN UNIVERSITY RESEARCH & SERVICE FDN INC	GA	R15AI084029	INVESTIGATIONS OF THE ROLE OF HOUSE FLIES AS VECTORS FOR BACTERIAL PATHOGENS	\$196,299
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R13AI082827	IMMUNOBIOLOGY OF INFLUENZA VIRUS INFECTION: VACCINATING AGAINST AN EVOLVING VIRUS	\$10,000
2009	EMORY UNIVERSITY	GA	U01AI084150	Preserving Renal Function & Protective Immunity Via Anti-LFA1-Based CNI Avoidance	\$2,112,616
2009	EMORY UNIVERSITY	GA	R56AI081789	DONOR-REACTIVE MEMORY RESPONSES AND RECALL REQUIREMENTS IN TRANSPLANTATION	\$348,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$438,950
2009	EMORY UNIVERSITY	GA	R01AI069987	NOVEL HIV-1 VACCINE CANDIDATES USING NEWLY TRANSMITTED CLADE C ENVIS AS IMMUNOGENS	\$373,025
2009	EMORY UNIVERSITY	GA	U01AI077821	DEVELOPMENT OF TRANSPLANT STRATEGIES UNIQUELY RESPONSIVE TO THE NEEDS OF CHILDREN	\$1,007,528
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$270,756
2009	EMORY UNIVERSITY	GA	R01AI061031	CONTROL OF VIRULENCE IN NEISSERIA MENINGITIDIS	\$284,630
2009	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$368,852
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068647	THE CONTRACTILE VACUOLE OF TRYPANOSOMA CRUZI	\$387,802
2009	INFORMED HORIZONS LLC	GA	R13AI065203	HIV DART:FRONTIERS IN DRUG DEVELOPMENT FOR ARV THERAPIES	\$14,850
2009	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,275,465
2009	EMORY UNIVERSITY	GA	R37AI030048	T CELL MEMORY TO VIRUSES	\$442,828
2009	EMORY UNIVERSITY	GA	R01AI067704	MECHANISMS OF GENOMIC RNA PACKAGING IN INFLUENZA VIRUS	\$327,916
2009	EMORY UNIVERSITY	GA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$370,612
2009	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$387,500
2009	ZETRA BIOLOGICALS LLC	GA	R43AI077406	ENHANCEMENT OF MUCOSAL ANTIBODY RESPONSES TO HIV VACCINE	\$300,000
2009	EMORY UNIVERSITY	GA	R03AI079765	A NOVEL APPROACH FOR DIAGNOSIS AND NEWBORN SCREENING FOR 22Q11 DELETION SYNDROME	\$77,500
2009	EMORY UNIVERSITY	GA	F31AI077305	THE ROLE OF FCRL2 IN B CELL SIGNALING	\$34,272
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI077569	AMINO ACID REPAIR ACTIVITY IN HELICOBACTER PYLORI	\$362,594
2009	EMORY UNIVERSITY	GA	R01AI081879	A Model System For Host-Pathogen Interactions: Drosophila And Its Parasitic Wasps	\$373,750
2009	EMORY UNIVERSITY	GA	K22AI077507	MECHANISMS OF RESPIRATORY SYNCYTIAL VIRUS-INDUCED MUCUS" VIRAL STRAIN DEPENDENCE	\$156,880
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$317,570
2009	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$364,351
2009	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$265,620

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$351,980
2009	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$70,255
2009	EMORY UNIVERSITY	GA	R01AI070829	MOLECULAR BASIS OF MEF-MEDIATED ANTIBIOTIC RESISTANCE IN STREPTOCOCCUS PNEUMONIAE	\$375,233
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI078855	ANTIBODY/FC RECEPTOR INTERACTIONS IN AIDS MACAQUE MODELS	\$216,750
2009	EMORY UNIVERSITY	GA	T32AI074492	Training a new generation of vaccinologists	\$245,330
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068908	GENOME EVOLUTION, INNOVATION AND ADAPTATION IN THE APICOMPLEXA	\$323,131
2009	EMORY UNIVERSITY	GA	R01AI030363	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	\$384,336
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI049194	MYCOPLASMA PNEUMONIAE GLIDING MOTILITY	\$339,125
2009	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$380,138
2009	EMORY UNIVERSITY	GA	K08AI065822	INNATE IMMUNITY AND TRANSPLANTATION TOLERANCE	\$121,716
2009	EMORY UNIVERSITY	GA	U01AI074579	SELF-ADMINISTERED MICRONEEDLE PATCHES FOR INFLUENZA VACCINES	\$1,450,383
2009	EMORY UNIVERSITY	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$498,715
2009	EMORY UNIVERSITY	GA	R01AI064766	MODULAR CHIMERIC VACCINES TAILORED FOR MALARIA PARASITES	\$402,453
2009	EMORY UNIVERSITY	GA	R01AI062755	SEXUALLY TRANSMITTED INFECTIONS & ANTIMICROBIAL PEPTIDES	\$279,910
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI074846	TEMPORAL AND SPATIAL PROFILING OF GENE EXPRESSION DURING POLAR GROWTH OF ASPERGIL	\$147,500
2009	EMORY UNIVERSITY	GA	U01AI089317	CLINICAL REFINEMENT OF ISLET TRANSPLANTATION	\$1,208,740
2009	MOREHOUSE SCHOOL OF MEDICINE	GA	F31AI083167	DETERMINING THE ROLES(S) OF HIV-1 NEF IN ENHANCEMENT OF VIRION INFECTIVITY	\$38,104
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI082127	FOXN1 AND MOLECULAR MECHANISM OF THYMIC INVOLUTION	\$331,875
2009	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI064817	DIRECTED EVOLUTION OF ENZYMES THROUGH GENETIC SELECTION	\$317,693
2009	EMORY UNIVERSITY	GA	R01AI020211	CYTOMEGALOVIRUS DNA REPLICATION AND INVERSION	\$387,500
2009	EMORY UNIVERSITY	GA	R37AI039816	COMPARISON OF B CELL DIFFERENTIATION IN MICE AND HUMANS	\$369,114
2009	EMORY UNIVERSITY	GA	U01AI074635	MEMORY AND REGULATORY T CELLS FOLLOWING T CELL DEPLETION IN TRANSPLANTATION	\$713,519

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2009	EMORY UNIVERSITY	GA	R37AI041980	NUCLEOSIDES WITH DUAL ANTI-HIV AND HBV ACTIVITY	\$210,146
2009	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$2,883,601
2009	EMORY UNIVERSITY	GA	K23AI073119	IMPACT OF PLASMA ALPHA-1-ACID GLYCOPROTEIN VARIABILITY ON FREE LOPINAVIR LEVELS	\$128,007
2009	ZIRUS INC	GA	R43AI084705	CHARACTERIZATION OF CELLULAR PROTEINS INVOLVED IN HIV INFECTION	\$430,933
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI081800	CYTOKINE REGULATION OF MEMORY CD8 T CELL RESPONSES	\$297,000
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$259,098
2009	EMORY UNIVERSITY	GA	R01AI024710	MOLECULAR ANALYSIS OF PLASMODIUM VIVAX SURFACE ANTIGENS	\$543,840
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI051560	DEVELOPING AVIRULENT RABIES VIRUS VACCINES	\$289,395
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI022070	IMMUNOREGULATION IN EXPERIMENTAL CHAGAS DISEASE	\$361,744
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$280,431
2009	EMORY UNIVERSITY	GA	U01AI069418	EMORY HIV/AIDS CLINICAL TRIALS UNIT	\$2,871,438
2009	EMORY UNIVERSITY	GA	R01AI068003	NOVEL VLP VACCINES FOR PANDEMIC INFLUENZA VIRUS	\$509,527
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	\$70,751
2009	EMORY UNIVERSITY	GA	R01AI040338	VIRAL AND CELLULAR DETERMINANTS OF HIV-1 ASSEMBLY	\$327,916
2009	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,917,457
2009	EMORY UNIVERSITY	GA	R01AI063491	GRAFT-SPECIFIC FACTORS PROMOTING INTESTINAL REJECTION	\$355,788
2009	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI073799	NONSTRUCTURAL ROLES OF CAPSID PROTEINS IN VIRUS REPLICATION	\$180,625
2009	EMORY UNIVERSITY	GA	R21AI076080	DEVELOPMENT AND EVALUATION OF A NOVEL SOCS1-SILENCED HIV VACCINE	\$220,000
2009	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI063402	IDO DEPENDENT T CELL SUPPRESSION	\$266,027
2009	EMORY UNIVERSITY	GA	R01AI071852	THERAPEUTIC DNA/MVA VACCINES FOR HIV	\$1,270,020
2009	EMORY UNIVERSITY	GA	R01AI069148	NOVEL VACCINE STRATEGIES AGAINST EBOLA VIRUS	\$386,720
2009	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	U01AI083005	MANIPULATING NATURAL HOST IMMUNOREGULATION VIA IDO DURING VIRAL INFECTION	\$1,556,672
2009	INSECTIGEN INC	GA	R43AI082732	MOSQUITO VECTOR CONTROL USING BT COUPLED TO SEED OIL BODIES	\$140,000

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2009	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$544,534
2009	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI080923	TRANSCRIPTIONAL CONTROL OF THE HELICOBACTER PYLORI RPN REGULON	\$73,750
2009	PANTHERA BIOPHARMA LLC	HI	R43AI079966	DISCOVERY OF BROAD SPECTRUM DENGUE VIRUS PROTEINASE INHIBITORS	\$299,960
2009	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$424,855
2009	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$644,950
2009	UNIVERSITY OF HAWAII	HI	R01AI071160	MALARIAL IMMUNITY IN PREGNANT CAMEROONIAN WOMEN	\$591,628
2009	UNIVERSITY OF HAWAII	HI	R21AI076955	NOVEL ENGINEERING OF A P. FALCIPARUM MEROZOITE SURFACE PROTEIN 1 MALARIA VACCINE	\$191,875
2009	PANTHERA BIOPHARMA LLC	HI	U01AI078067	ANTIDOTES TO ANTHRAX LETHAL FACTOR INTOXICATION	\$1,067,549
2009	PANTHERA BIOPHARMA LLC	HI	R44AI052587	INHIBITORS OF ANTHRAX LETHAL FACTOR METALLOPROTEINASE	\$191,700
2009	UNIVERSITY OF HAWAII	HI	R01AI068525	ROLE OF MACROPHAGES IN HIV LIPOATROPHY	\$324,582
2009	HAWAII BIOTECHNOLOGY GROUP, INC	HI	R44AI055225	RECOMBINANT SUBUNIT VACCINE FOR TICK-BORNE ENCEPHALITIS	\$994,040
2009	UNIVERSITY OF IOWA	IA	R01AI046653	ACCELERATED CD8 T CELL MEMORY AFTER DC VACCINATION	\$400,429
2009	UNIVERSITY OF IOWA	IA	R01AI047374	MECHANISM OF ACTION OF INHIBITORY CPG OLIGONUCLEOTIDES	\$321,843
2009	UNIVERSITY OF IOWA	IA	R01AI068803	PROSPECTIVE STUDIES OF AVIAN INFLUENZA TRANSMISSION IN ASIA	\$361,099
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI075150	REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCGAMMA1	\$325,579
2009	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$206,942
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI059455	EXERCISE-INDUCED IMMUNOMODULATION IN THE AGED: MECHANISMS	\$485,479
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI076855	NOVEL POLYMER-BASED SINGLE DOSE VACCINE: USE OF RPA FOR ANTHRAX IMMUNITY	\$71,227
2009	NEWLINK GENETICS CORPORATION	IA	R43AI080029	IMPROVED INFLUENZA A VIRUS VACCINES USING ALPHA-GAL EPI TOPE MODIFICATION	\$291,219
2009	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$375,000
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI081914	STRUCTURAL STUDIES OF EBOLA VP35 MEDIATED IMMUNE EVASION MECHANISMS	\$341,945

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2009	UNIVERSITY OF IOWA	IA	R01AI063520	IMMUNOPATHOLOGY MEDIATED BY RSV-SPECIFIC CD4 T CELLS	\$356,502
2009	UNIVERSITY OF IOWA	IA	R01AI041478	UL34 AND HERPES SIMPLEX VIRUS ENVELOPMENT	\$245,877
2009	UNIVERSITY OF IOWA	IA	R01AI059451	ZINC METALLOPROTEASE FAMILIES IN TRYPANOSOMA BRUCEI	\$342,998
2009	UNIVERSITY OF IOWA	IA	R01AI045728	BIOFILM FORMATION BY NEISSERIA GONORRHOEAE	\$471,188
2009	UNIVERSITY OF IOWA	IA	K08AI079410	FUNCTION OF LONGUS TYPE IV PILI IN ENTEROTOXIGENIC E COLI	\$127,440
2009	UNIVERSITY OF IOWA	IA	R01AI070958	INNATE IMMUNE DEFENSE AGAINST COMMUNITY ASSOCIATED METHICILLIN-RESISTANT S.AUREUS	\$337,500
2009	UNIVERSITY OF IOWA	IA	R01AI083286	MEMORY CD8 T CELL RESPONSES AFTER MULTIPLE ANTIGEN ENCOUNTERS	\$372,000
2009	UNIVERSITY OF IOWA	IA	R01AI067489	REGULATION OF ATOPIC IMMUNE RESPONSES BY THE PROLYL ISOMERASE CYCLOPHILLIN A	\$351,254
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI049162	STRUCTURE AND FUNCTION OF SCHISTOSOME NEUROPEPTIDE F	\$296,630
2009	UNIVERSITY OF IOWA	IA	R01AI055042	REGULATION OF PSEUDOMONAS AERUGINOSA TYPE III SECRETION	\$300,000
2009	UNIVERSITY OF IOWA	IA	R01AI059752	CTL PATHOGENESIS AFTER INFECTION OF VACCINATED HOST	\$342,998
2009	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$292,414
2009	UNIVERSITY OF IOWA	IA	R21AI073330	SELECTION OF SMALL INHIBITORY MOLECULES AGAINST FILOVIRUSES	\$184,304
2009	UNIVERSITY OF IOWA	IA	R01AI076244	Subverted host cell signaling by AnkA in Anaplasma phagocytophilum infection	\$300,000
2009	UNIVERSITY OF IOWA	IA	K01AI075089	SOCIAL NETWORKS AND THE SPREAD OF INFLUENZA AND OTHER NOSOCOMIAL INFECTIONS	\$126,630
2009	UNIVERSITY OF IOWA	IA	R01AI050073	REGULATION OF T CELL HOMEOSTASIS BY IFN-GAMMA	\$361,744
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Levamisole receptors	\$275,529
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$328,945
2009	UNIVERSITY OF IOWA	IA	K08AI065517	THE ROLE OF NALPS IN INNATE IMMUNITY	\$121,716
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI070523	QUORUM-SENSING MECHANISMS OF CAMPYLOBACTER	\$123,381
2009	UNIVERSITY OF IOWA	IA	K08AI076671	PARAOXONASE-2 S311C POLYMORPHISM ALTERS GLYCOSYLATION AND LACTONASE ACTIVITY	\$126,267

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2009	UNIVERSITY OF IOWA	IA	R01AI054821	IL-4 Signal Transduction	\$419,000
2009	UNIVERSITY OF IOWA	IA	R01AI067874	COLLABORATIVE DEVELOPMENT OF A VACCINE AGAINST CUTANEOUS AND VISCERAL LEISHMANIAS	\$446,595
2009	UNIVERSITY OF IOWA	IA	R01AI068885	NOVEL THERAPEUTIC APPROACHES FOR ELIMINATING HEPATITIS B VIRUS DNAS AND RNAS	\$410,706
2009	UNIVERSITY OF IOWA	IA	R01AI076233	GENETIC RISK FACTORS FOR VISCERAL LEISHMANIASIS	\$322,500
2009	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$375,000
2009	UNIVERSITY OF IOWA	IA	R01AI045540	INTERACTIONS BETWEEN LEISHMANIA AND THE IMMUNE RESPONSE	\$338,445
2009	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$358,984
2009	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$100,729
2009	UNIVERSITY OF IOWA	IA	R01AI071085	ROLE OF DENDRITIC CELLS IN IMMUNITY TO PULMONARY INFLUENZA VIRUS INFECTIONS	\$357,025
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI074711	ROLE OF PATHOGEN-DERIVED CAPPING CARBOHYDRATES IN ALTERING IMMUNITY	\$213,685
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI076616	ROLE OF B CELLS IN THE CELL-MEDIATED IMMUNE RESPONSE TO LEISHMANIA AMAZONENSIS	\$117,315
2009	UNIVERSITY OF IOWA	IA	R33AI074392	ANALYSIS OF INTERACTIONS OF HIV TAT AND TAR WITH HEXIM1, 7SK, AND P-TEFB	\$384,200
2009	UNIVERSITY OF IOWA	IA	R01AI028847	THE ROLES OF TRAF3 IN LYMPHOCYTE SIGNALING	\$325,569
2009	UNIVERSITY OF IOWA	IA	R21AI077504	GABP-CONTROLLED GENE REGULATORY NETWORK IN T LYMPHOCYTES	\$187,500
2009	UNIVERSITY OF IOWA	IA	R01AI036073	REGULATION OF HIV-1 RNA SPLICING	\$325,569
2009	UNIVERSITY OF IOWA	IA	R01AI049993	TRAF REGULATION AND RECEPTOR INTERACTIONS IN TNFR FAMILY SIGNALS	\$308,700
2009	UNIVERSITY OF IOWA	IA	R01AI059682	CHEMOSENSORY REGULATION OF BACTERIAL GENE EXPRESSION	\$278,217
2009	UNIVERSITY OF IOWA	IA	K08AI067736	ROLE OF LUNG INFLAMMATION IN TH2 PRIMING	\$121,635
2009	NEWLINK GENETICS CORPORATION	IA	R41AI082812	NOVEL IMMUNE-BASED THERAPY FOR LEISHMANIASIS AND TUBERCULOSIS	\$363,483
2009	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI062787	PRETERM BIRTH, LUNG INNATE IMMUNITY, AND RSV	\$466,565
2009	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$240,791
2009	BIOPROTECTION SYSTEMS CORPORATION	IA	U01AI066327	RATIONALLY DESIGNED RIFT VALLEY FEVER VIRUS VACCINE	\$535,681

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2009	UNIVERSITY OF IOWA	IA	R01AI078921	QUORUM SENSING-DEPENDENT INTERACTIONS WITH BIOFILMS AND INNATE IMMUNITY DEFENSES	\$375,000
2009	UNIVERSITY OF IOWA	IA	R01AI073872	CLC-3 ION TRANSPORT MODULATES NADPH OXIDASE-DEPENDENT PMN PRIMING BY ENDOTOXIN	\$375,000
2009	IDAHO STATE UNIVERSITY	ID	R03AI074894	ETIOLOGY, EPIDEMIOLOGY, AND CLINICAL OUTCOMES OF HEALTH CARE ASSOCIATED PNEUMONIA	\$62,312
2009	UNIVERSITY OF CHICAGO	IL	K08AI069190	GENERATION AND ANALYSIS OF IMMUNITY INSIDE TUMOR TISSUES	\$98,852
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI074233	PROTEIN STRUCTURE/FUNCTION BY NMR, CRYSTALLOGRAPHY AND COMPUTATIONAL CHEMISTRY	\$365,896
2009	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$32,500
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$464,881
2009	NORTHWESTERN UNIVERSITY	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$269,238
2009	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI044941	MOLECULAR MECHANISM OF GRANULE-MEDIATED APOPTOSIS	\$289,575
2009	NORTHWESTERN UNIVERSITY	IL	R01AI061701	LYMPHOEPITHELIAL INTERACTIONS IN IBD	\$322,767
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI022383	CONJUGAL TRANSFER OF BACTERIODES ANTIBIOTIC RESISTANCES	\$319,833
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI066709	LACTOBACILLI: BLOCKING HIV/HSV BY MANNOSE BINDING	\$504,981
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI070426	IMMUNOTHERAPEUTICS AND VACCINES AGAINST ANTHRAX, PLAGUE AND TULAREMIA	\$940,978
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI072445	NEW MECHANISM OF RESISTANCE TO OXAZOLIDINONE ANTIBIOTICS IN STAPHYLOCOCCUS AUREUS	\$473,895
2009	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI072221	DEFINITION OF STRUCTURAL ORGANIZATION AND ENZYMOLOGY OF THE EBV PROTEIN KINASE.	\$252,875
2009	NORTHWESTERN UNIVERSITY	IL	F31AI077322	THE ROLE OF SRC FAMILY KINASE LCK IN TH2 DIFFERENTIATION	\$41,176
2009	UNIVERSITY OF CHICAGO	IL	R01AI072630	MECHANISTIC STUDIES ON LISTERIA INFECTION AND INHIBITION OF ALLOGRAFT TOLERANCE	\$376,459
2009	UNIVERSITY OF CHICAGO	IL	R21AI079373	DELETION OF INHIBITORY GENES IN POST-THYMIC T CELLS TO STUDY IMMUNE TOLERANCE	\$192,500

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2009	NORTHWESTERN UNIVERSITY	IL	K08AI080836	ROLE OF NOVEL TH17 CELLS IN ALLOGRAFT REJECTION AND TOLERANCE	\$126,169
2009	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$0
2009	UNIVERSITY OF CHICAGO	IL	R01AI072606	The Roles of Conserved outer-membrane proteins in SFG rickettsia pathogenesis	\$379,248
2009	UNIVERSITY OF CHICAGO	IL	R56AI081987	INVESTIGATING THE CATALYTIC MECHANISM OF THE HDV RIBOZYME	\$384,624
2009	HOWARD BROWN HEALTH CENTER	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,988,665
2009	NORTHWESTERN UNIVERSITY	IL	R01AI070072	THE APOBEC/VIF CONFLICT AND HIV PATHOGENESIS	\$523,438
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$461,326
2009	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$3,026,718
2009	NORTHWESTERN UNIVERSITY	IL	R01AI057363	STUDIES ON INFLUENZA B VIRUS BM2 PROTEIN ION CHANNEL	\$273,617
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI057860	MOLECULAR MECHANISM OF HSV ENTRY AND SPREAD	\$284,468
2009	UNIVERSITY OF CHICAGO	IL	R01AI047380	MECHANISM OF IMMUNOGLOBULIN HYPERMUTATION	\$520,729
2009	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$468,278
2009	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$333,295
2009	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$275,661
2009	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R01AI073892	ANTIMICROBIAL PEPTIDES AND THEIR SYNTHETIC MIMICS - INVESTIGATING THE MECHANISM O	\$313,788
2009	UNIVERSITY OF CHICAGO	IL	F31AI073227	ROLE OF THE DEUBIQUITINATING ENZYME AMSH	\$34,560
2009	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI079872	ESTABLISHING PRECURSORS OF FOOD ALLERGY IN NEWBORNS	\$191,947
2009	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R01AI080576	MECHANISMS OF FATIGUE IN A CHRONIC VIRAL DISEASE	\$380,710
2009	NORTHWESTERN UNIVERSITY	IL	R01AI076315	15-LIPOXYGENASE REGULATION OF MUCOSAL IMMUNITY IN ALLERGIC AIRWAYS DISEASE	\$377,500
2009	UNIVERSITY OF CHICAGO	IL	R03AI069284	DEVELOPMENT OF TWO ALLOREACTIVE BCR-TG MOUSE STRAINS	\$77,000
2009	NORTHWESTERN UNIVERSITY	IL	R21AI083879	NOVEL VACCINES TO EVOKE BLADDER MUCOSAL IMMUNITY	\$228,750
2009	UNIVERSITY OF CHICAGO	IL	K08AI076596	PATHOPHYSIOLOGY OF STAPHYLOCOCCUS AUREAUS NECROTIZING PNEUMONIA AND SEVERE SEPSIS	\$125,739

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI078749	HIV EVASION OF NK CELLS IN LYMPH NODES	\$227,025
2009	NORTHWESTERN UNIVERSITY	IL	R21AI081020	ROLE OF TOLL-LIKE RECEPTORS IN TRANSPLANT-INDUCED REACTIVATION OF CYTOMEGALOVIRUS	\$228,750
2009	NORTHWESTERN UNIVERSITY	IL	R21AI072461	ACCESSORY TOXIN-MEDIATED EVASION OF INNATE IMMUNITY DURING V. CHOLERAEE INFECTION	\$228,750
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P01AI082971	HIV SUSCEPTIBILITY AND PATHOGENESIS IN THE FEMALE GENITAL TRACT	\$2,214,520
2009	NORTHWESTERN UNIVERSITY	IL	U01AI089316	CLINICAL ISLET TRANSPLANTATION AT NORTHWESTERN	\$1,618,780
2009	NORTHWESTERN UNIVERSITY	IL	R21AI078525	A NOVEL MURINE MODEL OF FOOD ALLERGY TO PEANUT OR EGG	\$188,750
2009	UNIVERSITY OF CHICAGO	IL	R01AI044932	CD43 REGULATION OF IMMUNE RESPONSES	\$371,420
2009	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$193,658
2009	UNIVERSITY OF CHICAGO	IL	P01AI053725	GLYCOLIPID PRESENTATION BY CD1D	\$1,315,584
2009	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	U01AI069512	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$1,251,667
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI041816	LISTERIA VIRULENCE GENE EXPRESSION WITHIN HOST CELLS	\$369,114
2009	NORTHWESTERN UNIVERSITY	IL	R01AI047770	INTRACELLULAR TRAFFICKING OF HIV-1 PARTICLES	\$373,182
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	P01AI060915	NOVEL PROTEASE INHIBITORS AS SARS THERAPEUTICS	\$1,553,610
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064489	THE ROLE OF PROTEASOMES IN VIRAL RNA TRANSLATION	\$373,877
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI052344	INITIATION OF TOLL-LIKE RECEPTOR SIGNALING	\$275,327
2009	NORTHWESTERN UNIVERSITY	IL	K02AI065615	NOVEL PATHOGENICITY ISLANDS OF PSEUDOMONAS AERUGINOSA	\$99,171
2009	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI057349	ENTRY OF HHV-8 INTO THE TARGET CELLS	\$318,118
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	U01AI075502	TARGETED ANTITOXIN DELIVERY PLATFORMS AS POST-EXPOSURE THERAPIES FOR BOTULISM	\$389,272
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$625,832
2009	NORTHWESTERN UNIVERSITY	IL	R33AI076968	DEVELOPMENT OF TISSUE EXPLANT MODELS FOR MICROBICIDE EVALUATION	\$372,356
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI082947	CHARACTERIZATION OF THE MOLECULAR MECHANISM OF MVA-INDUCED NF-KAPPAB ACTIVATION	\$37,217
2009	UNIVERSITY OF CHICAGO	IL	U19AI082724	University of Chicago Autoimmunity Center of Excellence	\$701,993

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2009	NORTHWESTERN UNIVERSITY	IL	R03AI079722	MECHANISMS OF SEQUENCE-BASED RESISTANCE TO VIRUSES AND PLASMIDS IN EUBACTERIA	\$76,250
2009	NORTHERN ILLINOIS UNIVERSITY	IL	R15AI081232	Role of VeA-Dependent Genes and Proteins in Mycotoxin Production and Development	\$210,440
2009	UNIVERSITY OF CHICAGO	IL	R21AI081167	AID IN SOMATIC MUTATION OF IMMUNOGLOBULIN GENES	\$195,000
2009	UNIVERSITY OF CHICAGO	IL	R01AI075258	ESAT-6 SECRETION IN STAPHYLOCOCCUS AUREUS	\$384,624
2009	NORTHWESTERN UNIVERSITY	IL	R21AI077542	STRUCTURE/FUNCTION ANALYSIS OF THE RETROVIRUS INTEGRASE	\$228,750
2009	NORTHWESTERN UNIVERSITY	IL	R01AI052051	CELL BIOLOGY AND HIV ENTRY	\$375,918
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI058190	THERAPEUTIC TREATMENT OF EAT BY INDUCING DENDRITIC CELL	\$364,849
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R13AI065122	6TH BIENNIAL INTERNATIONAL EOSINOPHIL SYMPOSIUM - "EOSINOPHILS 2009"	\$14,000
2009	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$349,937
2009	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$7,494,091
2009	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$395,431
2009	UNIVERSITY OF CHICAGO	IL	T32AI065382	BIODEFENSE TRAINING IN HOST-PATHOGEN INTERACTIONS	\$159,856
2009	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$308,537
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	P30AI082151	Chicago D-CFAR	\$750,000
2009	NORTHWESTERN UNIVERSITY	IL	R21AI076693	BACTERIAL CHITINASES AS NEW VIRULENCE FACTORS	\$243,000
2009	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R15AI082502	DO SMALL RNAs AND HFQ MEDIATE POST-TRANSCRIPTIONAL REGULATION IN FRANCISELLA	\$218,250
2009	NORTHWESTERN UNIVERSITY	IL	R21AI079025	UNDERSTANDING THE MECHANISM OF RETROVIRUS BUDDING	\$188,750
2009	NORTHWESTERN UNIVERSITY	IL	R56AI056346	ALPHA-HERPEVIRUS TRANSPORT IN AXONS	\$332,625
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R56AI042015	REGULATION OF THE POLY SIALIC VIRULENCE FACTOR	\$237,750
2009	UNIVERSITY OF CHICAGO	IL	R01AI067697	MECHANISMS OF RESOLUTION IN EXPERIMENTAL ASTHMA	\$376,459
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$340,688
2009	UNIVERSITY OF CHICAGO	IL	R01AI071080	MECHANISMS OF TLR-MEDIATED PREVENTION OF TRANSPLANTATION TOLERANCE	\$425,466
2009	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$377,500
2009	UNIVERSITY OF CHICAGO	IL	R01AI027530	TREATMENT OF CONGENITAL TOXOPLASMOSIS	\$192,399

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2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI052400	FACTORS AND DNA MOTIFS IN IG CLASS SWITCH	\$449,455
2009	UNIVERSITY OF CHICAGO	IL	R01AI072627	FAS IN HOST DEFENSE AND AUTOIMMUNE DISEASES	\$376,459
2009	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$333,295
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI059570	ELUCIDATING THE ENTRY MECHANISM OF EBOLA VIRUSES	\$322,069
2009	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$376,459
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI077329	HOST SIGNALING FACTORS THAT REPRESS HIV REPLICATION	\$187,500
2009	UNIVERSITY OF CHICAGO	IL	R21AI076720	WNT/B-CATENIN SIGNALING IN T-CELL TRANSFORMATION	\$230,250
2009	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$842,962
2009	NORTHWESTERN UNIVERSITY	IL	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$381,250
2009	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$330,000
2009	NORTHWESTERN UNIVERSITY	IL	K22AI073781	GLOBAL AND TEMPORAL EFFECTS OF VIRULENCE GENE EXPRESSION DURING PNEUMONIC PLAGUE	\$162,000
2009	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	F31AI081515	THE ROLE OF SIGNAL TRANSDUCTION CASCADES IN MEDIATING PAPILLOMAVIRUS INFECTION.	\$38,252
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R21AI076830	DETERMINATION OF THE BIOLOGICAL ROLES AND CHEMICAL MECHANISMS OF THE GLUTAMATE RA	\$198,125
2009	UNIVERSITY OF CHICAGO	IL	R56AI080703	HEPATITIS C VIRUS TRAFFICKING IN INFECTED HEPATOCYTES	\$379,248
2009	NORTHWESTERN UNIVERSITY	IL	R21AI076771	EPIGENETIC CONTROL OF CYTOMEGALOVIRUS LATENCY AND REACTIVATION	\$188,750
2009	NORTHWESTERN UNIVERSITY	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$304,671
2009	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$317,200
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI056148	THE ROLE OF HOST B LYMPHOCYTES IN YERSINIA PATHOGENESIS	\$309,790
2009	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$631,473
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI070827	HIGH THROUGHPUT IN VITRO HEPATITIS C VIRUS SCREENING	\$100,000
2009	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$328,652
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI070245	OPTIMIZATIONS OF RRNA-BASED MICROBIAL ANALYSES	\$79,250

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2009	NORTHWESTERN UNIVERSITY	IL	R01AI072570	EPITHELIAL BAFF AND APRIL IN AIRWAY INFLAMMATION, IMMUNITY AND DISEASE	\$498,904
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI079530	ADRENERGIC CONTROL OF STEM CELL LINEAGE COMMITMENT IN SEPSIS	\$74,250
2009	NORTHWESTERN UNIVERSITY	IL	R01AI067048	EBV GB FUNCTION IN VIRAL FUSION, ENTRY, AND EGRESS	\$405,975
2009	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$416,143
2009	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$226,655
2009	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$504,675
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI055530	POXVIRUS REGULATION OF NF-KB: MECHANISMS FOR VIRULENCE	\$275,598
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI069554	TARGETING HIGH-RISK WOMEN FOR HVTN AND MICROBICIDE TRIALS	\$594,268
2009	NORTHWESTERN UNIVERSITY	IL	R01AI051490	GENETIC AND BIOCHEMICAL STUDY OF V. CHOLERAЕ RTX TOXIN	\$377,500
2009	NORTHWESTERN UNIVERSITY	IL	K25AI062977	PATHOGEN SURVIVAL IN TRANSPORT-LIMITED ENVIRONMENTS	\$144,167
2009	NORTHWESTERN UNIVERSITY	IL	U01AI069471	NORTHWESTERN UNIVERSITY CLINICAL TRIAL UNIT	\$2,430,318
2009	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$150,206
2009	NORTHWESTERN UNIVERSITY	IL	R01AI023173	STRUCTURE AND EXPRESSION OF THE PARAMYXOVIRUS SV5 GENOME	\$319,029
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI050440	TRIAL OF MALE CIRCUMCISION TO REDUCE HIV INCIDENCE	\$1,935,914
2009	UNIVERSITY OF CHICAGO	IL	R01AI067584	SPREAD OF COMMUNITY-ACQUIRED MRSA AMONG HOUSEHOLD CONTACTS	\$594,616
2009	NORTHWESTERN UNIVERSITY	IL	K23AI064397	STUDIES OF AUTOIMMUNITY AND ATHEROSCLEROSIS	\$127,942
2009	UNIVERSITY OF CHICAGO	IL	R01AI076585	THE ORIGIN AND CONSEQUENCES OF RECEPTOR EDITING AND ALLELIC-INCLUSION.	\$385,000
2009	UNIVERSITY OF CHICAGO	IL	R01AI083375	FUNCTIONAL CONSEQUENCES OF AUTOPHAGY MUTATIONS IN CROHN'S DISEASE.	\$267,624
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$414,138
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI080528	INFLAMMATORY RESPONSE AFTER COMBINED INSULT OF RADIATION AND BURN INJURY	\$185,463
2009	NORTHWESTERN UNIVERSITY	IL	R21AI082406	MATURATION OF IL-1BETA AND IL-18 IN NOVEL MACROPHAGE AGGRESOMES	\$190,625
2009	UNIVERSITY OF CHICAGO	IL	U01AI082180	OPTIMIZING INHIBITORS OF T. GONDII ENR	\$996,821

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2009	UNIVERSITY OF CHICAGO	IL	R21AI083527	ROLE OF EPITHELIAL HLA-G IN LUNG TRANSPLANTATION	\$195,000
2009	UNIVERSITY OF CHICAGO	IL	R01AI078267	TRANSCRIPTIONAL CONTROL OF HEMATOPOIESIS	\$390,000
2009	NORTHWESTERN UNIVERSITY	IL	R01AI075191	PSEUDOMONAS AERUGINOSA GENOMIC ISLANDS AND VIRULENCE	\$343,125
2009	UNIVERSITY OF CHICAGO	IL	K08AI083790	Genetic Regulation of interferon Alpha in Human Lupus	\$124,200
2009	NORTHWESTERN UNIVERSITY	IL	U01AI084146	Proteogenomics for Organ Transplantation: Prediction, Diagnosis, Intervention	\$2,214,645
2009	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$366,382
2009	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$371,420
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045070	IN VITRO FOLDING AND ASSEMBLY OF CLASS I MHC MOLECULES	\$299,695
2009	UNIVERSITY OF CHICAGO	IL	R01AI052474	Vaccine Assembly from Surface Proteins of Staphylococcus Aureus	\$384,624
2009	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$55,750
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045995	LACCASE REGULATION AND VIRULENCE IN CRYPTOCOCCUS	\$263,190
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI064611	RECEPTOR-BASED THERAPEUTICS FOR ENTEROTOXINS	\$296,708
2009	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$276,259
2009	UNIVERSITY OF CHICAGO	IL	K08AI059105	ICOS EXPRESSION LEVELS AND TH DEVELOPMENT	\$119,610
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI045928	MOLECULAR MECHANISMS OF THE H. PYLORI VACUOLATING TOXIN	\$296,565
2009	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI063230	FUNCTIONAL ANALYSIS OF CU/ZN SUPEROXIDE DISMUTASE	\$338,449
2009	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$384,624
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI073858	Dendritic cell directed T cell negative regulation for treating autoimmunity	\$392,500
2009	ILLINOIS STATE UNIVERSITY	IL	R15AI084006	ROLE OF MEMBRANE FLUIDITY IN S. AUREUS ANTIMICROBIAL SUSCEPTIBILITY	\$213,750
2009	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	K02AI081869	SIGNIFICANCE OF HEPARAN SULFATE IN HSV-1 SPREAD	\$106,191
2009	NORTHWESTERN UNIVERSITY	IL	U01AI082984	NEW PARADIGMS IN GENE REGULATION DURING INFLUENZA VIRUS INFECTIONS	\$756,534
2009	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	K22AI078757	ANALYSIS OF RESTRICTION FACTOR FUNCTION IN SITU	\$162,000
2009	NORTHWESTERN UNIVERSITY	IL	R56AI081983	METABOLIC HETEROGENEITY AND ANTIBIOTIC SUSCEPTIBILITY IN BIOFILMS	\$378,453

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2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI046455	CDI MOLECULES & NKT CELLS IN HOST DEFENSE	\$273,421
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081077	LIPID-PROTEIN INTERACTIONS IN VIRAL ASSEMBLY AND VIRUS LIKE PARTICLE FORMATION	\$364,480
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI081795	ANALYSIS OF THE FUNCTIONS OF AXON GUIDANCE GENES DURING VECTOR MOSQUITO DEVELOPME	\$396,500
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI079125	DIAPAUSE IN CULEX MOSQUITOES	\$611,328
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077688	THE BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	\$307,856
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI074794	AN ORGANISMAL APPROACH TO VIRAL HOST FACTOR DISCOVERY	\$185,046
2009	PURDUE UNIVERSITY	IN	R01AI049978	HOST ACTIN CYTOSKELETON REARRANGEMENTS INDUCED BY SALMONELLA	\$335,778
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R13AI065183	BIENNIAL SYMPOSIUM ON H.DUCREYI PATHOGENESIS AND CHANCROID	\$6,000
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$364,973
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI031494	MIDWEST SEXUALLY TRANSMITTED INFECTIONS TOPICAL MICROBICIDE COOPERATIVE RESEARCH	\$666,728
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI078489	NEW CELLULAR EFFECTORS OF HUMAN PAPILOMAVIRUS E7 ACTIVITY	\$230,915
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI080759	LYMPHOPOIETIC DEVELOPMENT IN THE EXTRA-EMBRYONIC YOLK SAC	\$377,179
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI084031	TRANSLATIONAL CONTROL AND LATENT TOXOPLASMA INFECTION	\$231,000
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI080877	THE REGULATION OF INFLAMMATION AND PHAGOCYTOSIS BY CD93	\$385,000
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$375,000
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI060744	SIGNAL TRANSDUCTION BY ESSENTIAL VICRKX IN PNEUMOCOCCUS	\$357,308
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$377,500
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI083640	Host adaptation of the Lyme disease spirochete	\$373,188
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI079090	HPV VACCINATION, ATTITUDES AND SEQUENTIAL BEHAVIORS IN ADOLESCENT WOMEN	\$719,752
2009	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$336,014
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059327	SYNTHESIS AND MECHANISTIC STUDIES OF PEPTIDE ANTIBIOTICS	\$303,464
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI063508	ECOLOGICAL GENOMICS OF ANOPHELES GAMBIAE	\$537,966

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2009	UNIVERSITY OF NOTRE DAME	IN	R01AI033170	RESISTANCE TO BETA-LACTAM ANTIBIOTICS	\$347,205
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI070448	PATHOGENESIS OF ATOPIC DERMATITIS	\$984,417
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$285,302
2009	PURDUE UNIVERSITY	IN	R01AI069344	MODULATION OF HOST APOPTOTIC PATHWAYS BY LEGIONELLA PNEUMOPHILA	\$291,898
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI074657	CHARACTERIZATION OF LIPOPROTEINS IN HAEMOPHILUS DUCREYI PATHOGENESIS	\$118,869
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI077513	HOST PARTNERS AND VIRUS ASSEMBLY	\$210,283
2009	PURDUE UNIVERSITY	IN	R03AI073326	AN IN VIVO GENE DELETION SYSTEM FOR ANALYZING TEMPORAL REQUIREMENT OF THE DOT/ICM	\$72,558
2009	PURDUE UNIVERSITY	IN	R01AI039639	PROTEIN STABILITY AND ANTIVIRAL ACTIVITY IN HUMAN RHINOVIRUS	\$224,404
2009	PURDUE UNIVERSITY	IN	R01AI072035	STRUCTURAL BASIS OF BACTERIOPHAGE T7 ASSEMBLY AND DNA PACKAGING	\$353,805
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI062259	ALVEOLAR MACROPHAGE APOPTOSIS AND PNEUMOCYSTIS	\$359,112
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$317,071
2009	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$404,767
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI072992	NUTRIENT UPTAKE BY THE STALK OF CAULOBACTER CRESCENTUS	\$51,710
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI070514	CELLULAR IMMUNITY TO CHLAMYDIA AT THE EPITHELIAL INTERFACE	\$356,295
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073290	MECHANISM OF ANTIBACTERIAL ACTIVITY OF PEPTIDOGLYCAN RECOGNITION PROTEINS	\$385,000
2009	PURDUE UNIVERSITY	IN	R13AI084368	2009 MIDWEST MICROBIAL PATHOGENESIS CONFERENCE	\$10,000
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067416	NOVEL RNA STRUCTURES IN CORONAVIRUS REPLICATION	\$363,040
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI071121	DETERMINANTS OF GROWTH AND FITNESS IN DRUG RESISTANT MALARIA PARASITES	\$367,377
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$273,326
2009	PURDUE UNIVERSITY	IN	K02AI068655	ROLE OF E3 UBIQUITIN LIGASE IN SALMONELLA-INDUCED INFLAMMATION	\$110,474
2009	PURDUE UNIVERSITY	IN	R01AI065667	NON-REPLICATIVE VACCINE FOR HUMAN BRUCELLOSIS	\$313,608
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI056242	IL-12 REGULATION IN LEISHMANIA INFECTED DENDRITIC CELLS	\$244,169
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI065898	ANTIBACTERIAL METHIONINE AMINOPEPTIDASE INHIBITORS	\$564,470
2009	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$313,034

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2009	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$321,486
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI077323	ALLOSTERY IN HEPATITIS B VIRUS CAPSID ASSEMBLY	\$30,272
2009	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$742,878
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077564	PROPHAGE CONTRIBUTION TO THE VIRULENCE OF STAPHYLOCOCCUS AUREUS	\$297,200
2009	UNIVERSITY OF NOTRE DAME	IN	R01AI076584	Functional Genomics of Inversion 2La in Anopheles gambiae	\$493,518
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI052019	Host Cell Factors and AIDS Pathogenesis	\$385,000
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$137,282
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059384	HUMAN IMMUNE RESPONSE TO HAEMOPHILUS DUCREYI INFECTION	\$363,200
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI072020	HPV IN ADOLESCENT WOMEN	\$365,296
2009	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI077502	GCN5-mediated transcription in AIDS pathogen Toxoplasma	\$307,838
2009	PURDUE UNIVERSITY	IN	R56AI080769	MIGRATION AND FUNCTION OF TH17 CELLS IN THE GUT	\$335,674
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$362,890
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI077947	PRECLINICAL DEVELOPMENT OF DS-96, A NOVEL ALKYL POLYAMINE ENDOTOXIN SQUESTRANT	\$365,938
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI083479	IMPAIRED INTESTINAL BARRIER FUNCTION AND AIRWAY INFLAMMATION IN CYSTIC FIBROSIS	\$187,500
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	U01AI081891	DEVELOPMENT OF NOVEL THERAPEUTIC AGENTS FOR NOROVIRUS INFECTION	\$1,017,777
2009	PITTSBURG STATE UNIVERSITY	KS	R15AI049272	ESTROGEN AND GENDER BIASED AUTOIMMUNITY	\$230,098
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070864	FUNCTION OF LACCASES IN ANOPHELES GAMBIAE	\$379,729
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI061691	NATURAL ANTIBODIES AND TISSUE INJURY	\$322,259
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI080280	ORAL DELIVERY OF NANOPARTICLES ENCAPSULATED WITH HIV-DNA VACCINE	\$75,000
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI067858	CONTROL OF TYPE III SECRETION IN SHIGELLA BY LPAD	\$74,484
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI058944	REGULATION OF HTLV-I REPLICATION BY THE VIRAL P30	\$239,285
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R13AI084375	AMERICAN SOCIETY FOR RICKETTSIOLOGY CONFERENCE 2009	\$15,349

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2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI076863	REGULATION OF GENE EXPRESSION IN THE TH2 CYTOKINE LOCUS	\$220,500
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	T32AI070089	GRADUATE TRAINING PROGRAM IN MULTIDIMENSIONAL VACCINOGENESIS	\$116,699
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI072357	VIRAL AND HOST RESPONSES TO HSV INFECTION	\$277,263
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI082697	BIOMECHANICAL AND COMPUTATIONAL MOLECULAR DESIGN OF MICROBICIDE DELIVERY SYSTEMS	\$182,943
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$288,414
2009	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI077725	SALICYLATE PRODUCTION IN SIDEROPHORE BIOSYNTHESIS	\$293,000
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI061386	REGULATORS AND REGULATION OF MHC CLASS II GENES	\$239,285
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI063261	LIPOPROTEIN TRANSPORT IN BORRELIA SPIROCHETES	\$350,063
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI074691	P. PAPTASI MIDGUT MOLECULES: GENE FUNCTION AND ASSESSING TBV CANDIDATES	\$293,672
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI081136	NEURPEPTIDERGIC CONTROL OF THE SALIVARY GLAND IN THE BLACK-LEGGED TICK, IXODES SC	\$222,000
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R03AI076227	HOST SUBVERSION BY E. COLI O157:H7 EFFECTOR PROTEINS	\$75,000
2009	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$365,000
2009	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI051981	THE ROLE OF VPU IN HIV-1 PATHOGENESIS	\$360,518
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI044254	ANALYSIS OF BORRELIA BURGdorferi ERP PROTEINS	\$348,872
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI076714	PAR2, BRONCHOPULMONARY SENSORY NERVE AND PATHOGENESIS OF ASTHMA	\$73,250
2009	APOVAX INC	KY	R43AI074176	APOVAX104-TB AS A NOVEL VACCINE FOR TUBERCULOSIS	\$429,811
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	F32AI081480	Role of a Borrelia burgdorferi fibronectin-binding protein in Lyme Disease	\$51,710
2009	PARATECHS CORPORATION	KY	R43AI079982	POTENT ANTIMICROBIAL PEPTIDES FROM CARRION BEETLES	\$118,255
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI033481	Yersiniabactin and plague pathogenesis	\$183,125
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI082143	FUNCTIONAL ROLE OF A HOST METABOLIC ENZYME IN VIRAL REPLICATION	\$170,000

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2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI064421	ANALYZING AND MODULATING IMMUNOREGULATORY DEFECTS IN AUTOIMMUNE DISEASE.	\$352,444
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI049367	BLOCKADE OF HOST APOPTOSIS BY TOXOPLASMA GONDII	\$313,985
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI076956	IMPORTANCE OF CD5 FOR THE FUNCTION OF REGULATORY T CELLS	\$219,750
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$331,914
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI078111	LEPTOSPIRA INTERROGANS LEN ADHESINS	\$183,125
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI069321	MODULATION OF APOPTOSIS BY LEGIONELLA PNEUMOPHILA	\$362,970
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI051517	Paramyxovirus F protein mediated membrane fusion	\$296,166
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI065974	MOLECULAR PATHOGENESIS OF FRANCISELLA TULARNESIS	\$351,528
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI025098	PLAGUE BIOFILM FORMATION--REGULATION AND FUNCTION	\$294,418
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI068119	DO CONDOMS PROTECT FROM NON-VIRAL SEXUALLY TRANSMITTED INFECTIONS?	\$610,410
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI079442	MHC-IB RESTRICTED T CELL RESPONSES AGAINST LISTERIA MONOCYTOGENES	\$74,250
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067869	YOPM AND PROTECTIVE INNATE DEFENSES AGAINST PLAGUE	\$497,885
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI073576	ELIMINATION OF TOXOPLASMA GONDII CYSTS BY T CELLS	\$180,666
2009	APOVAX INC	KY	R44AI071618	APOVAX104-HPV AS A NOVEL VACCINE FOR CERVICAL CANCER	\$852,358
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI071047	ADJUVANT FUNCTIONS OF DETOXIFIED LPS	\$368,893
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067434	ERADICATION OF A PRIMARY FILARIASIS VECTOR POPULATION AT AN ENDEMIC FIELD SITE	\$310,665
2009	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI076169	ANTIVIRAL LECTINS AS MICROBICIDES	\$966,740
2009	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$367,031
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI056077	Analysis of HCMV Infection of Monocytes and Macrophages	\$366,250
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI072350	CHARACTERIZATION OF ALPHAVIRUS INFECTION RECEPTORS	\$183,125
2009	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077784	Molecular basis for spotted fever group Rickettsia vector competence in ticks	\$370,000

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2009	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI072327	CFTR EXPRESSION AND FUNCTION IN HUMAN NEUTROPHILS	\$342,695
2009	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI043000	GENETICS AND FUNCTIONS OF HSV MEMBRANE FUSION PROTEINS	\$307,653
2009	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI076067	PATHOGENESIS OF NATURAL SIV AND STLV INFECTIONS IN HUMANS	\$647,843
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R56AI081921	LACK OF PROTECTIVE IMMUNITY TO MURINE NOROVIRUS INFECTION	\$329,625
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI061017	EPSTEIN-BARR VIRUS GLYCOPROTEINS AND VIRUS SPREAD	\$303,468
2009	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	\$883,410
2009	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI058810	VACCINATION STRATEGIES AGAINST PULMONARY TUBERCULOSIS	\$198,126
2009	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI065325	PATHOGENESIS OF NEW SIVSM LINEAGES IN RHESUS MACAQUES	\$690,257
2009	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI077733	OSPC REGULATION AND PATHOGENIC STRATEGY OF BORRELIA BURGDORFERI	\$370,000
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI073818	MTAR-REGULATED VIRULENCE IN STREPTOCOCCUS AGALACTIAE	\$183,125
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI081809	Cell surface events of human papillomavirus type 16 and 18 infection	\$366,250
2009	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R01AI084793	EARLY EVENTS IN MUCOSAL SIV PATHOGENESIS	\$827,743
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	U19AI061972	GULF SOUTH STI/TOPICAL MICROBICIDE COOPERATIVE RESEARCH CENTER	\$973,270
2009	TULANE UNIVERSITY OF LOUISIANA	LA	U01AI082119	PRECLINICAL DEVELOPMENT OF RECOMBINANT ANTIGEN DIAGNOSTICS FOR LASSA FEVER	\$1,499,626
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI081996	SIGNAL TRANSDUCTION AND PILUS/TOXIN REGULATION BY VIBRIO CHOLERAE	\$209,985
2009	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI074770	UNDERSTANDING A MECHANISM OF ANTIBIOTIC RESISTANCE BY PHOSPHORYLATION: FOSFOMYCIN	\$73,500
2009	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI074058	INFORMED CONSENT IN ILLITERATE SUBJECTS	\$164,318
2009	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI055869	ANALYSES OF SIGMA FACTOR 28 OF C. TRACHOMATIS	\$264,167
2009	AUTOIMMUNE TECHNOLOGIES, LLC	LA	R44AI082778	PEPTIDE INHIBITORS OF INFLUENZA ENTRY-FAST TRACK	\$1,304,709
2009	CHILDREN'S HOSPITAL	LA	R01AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$328,847

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2009	XAVIER UNIVERSITY OF LOUISIANA	LA	SC1AI081660	ALLOSTERIC BINDING IN ANTIBODIES AND PROTEIN ANTIGENS	\$206,084
2009	LOYOLA UNIVERSITY IN NEW ORLEANS	LA	R15AI079672	TAXONOMY AND EPIDEMIOLOGICAL IMPORTANCE OF DIVERGENT CHAGAS DISEASE VECTOR TAXA	\$180,542
2009	BETH ISRAEL HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$333,540
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$386,367
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI076706	IMPACT OF NK CELL IMMUNE PRESSURES ON HCV EVOLUTION AND VIRAL FITNESS	\$220,313
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI077795	CD1D-RESTRICTED NKT CELLS IN MICROBIAL INFECTION	\$136,350
2009	BETH ISRAEL HOSPITAL	MA	R01AI051645	AIRWAYS EOSINOPHILS AS ANTIGEN-PRESENTING CELLS IN ASTHMA	\$425,000
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	\$412,756
2009	JOSLIN DIABETES CENTER, INC	MA	R01AI051530	NAIVE T CELL HOMEOSTASIS: TREG SELECTION AND SURVIVAL	\$198,105
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050892	SEQUENTIAL CONTROL OF NEUTROPHIL RECRUITMENT BY LTB4 AND OTHER CHEMOATTRACTANTS	\$441,875
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	\$500,090
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050429	CD8+ T CELL FUNCTION IN HIV-1 INFECTION	\$386,269
2009	BETH ISRAEL HOSPITAL	MA	R01AI041087	MECHANISMS OF FCR-MEDIATED INFLAMMATORY RESPONSES	\$395,320
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$332,768
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI069472	PARTNERS HEALTHCARE SYSTEMS/HARVARD MEDICAL SCHOOL/BOSTON MEDICAL CENTER AIDS CTU	\$3,132,349
2009	BETH ISRAEL HOSPITAL	MA	U01AI069412	HARVARD MEDICAL SCHOOL VACCINE CLINICAL TRIALS UNIT	\$1,097,943
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI067731	ANTIGEN-SPECIFIC CD8+ T CELLS AND PROTECTIVE IMMUNITY TO TUBERCULOSIS	\$418,522
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R13AI066891	BI-ANNUAL MEETING OF THE IUIS EXPERT COMMITTEE ON PRIMARY IMMUNODEFICIENCY	\$15,500
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI066087	MODEL VACCINES EXPLOITING FUNGAL MANNOSYLATION	\$402,324
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	P01AI039671	Costimulatory Mechanisms of Autoimmunity (Composite)	\$1,653,964
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$407,216

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2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI067497	Gene Regulation in Innate Immunity	\$386,974
2009	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,698,517
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI058707	NASAL SIV VACCINATION IN FEMALE MACAQUES/AIDS PREVENTION	\$506,970
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$10,756,628
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$639,082
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$472,405
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI037750	IN VIVO PATHOGENESIS OF HELICOBACTER PYLORI	\$376,716
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI069939	HIV-HEPATITIS C VIRUS INTERACTIONS AND PATHOGENESIS	\$375,067
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI029673	TRANSCRIPTIONAL CONTROL OF HUMAN T CELL RECEPTOR GENES	\$473,389
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI074405	T CELL REGULATION: CD4+CD25+ FOXP3+ T CELLS IN ACUTE AND CHRONIC HIV-1 INFECTION	\$130,140
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI067438	STRUCTURAL BASIS FOR INFLUENZA AMANTADINE-RESISTANCE	\$322,914
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI065540	MECHANICS OF BACTERIAL SWARMING	\$251,125
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI067014	NEVIRAPINE RESISTANCE IN WOMEN WHO RECEIVED NEVIRAPINE FOR PMTCT HIV	\$112,725
2009	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$796,256
2009	TUFTS MEDICAL CENTER	MA	T32AI007438	NEMCH CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$268,772
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,412,002
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$961,998
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$2,815,208
2009	MATTEK CORPORATION	MA	U01AI070914	VAGINAL/CERVICAL TISSUE MODELS: ENDOCRINE EFFECTS AND SUSCEPTIBILITY TO INFECTION	\$937,758
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$251,726
2009	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$92,555
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,261,747
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI071147	DROSOPHILA MELANOGASTER AS A MODEL HOST FOR VIBRIO CHOLERAE	\$414,473
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	\$136,094

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2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$2,322,378
2009	DANA-FARBER CANCER INSTITUTE	MA	F32AI078810	DEVELOPMENT OF GENE TRANSFER APPROACH FOR PREVENTION OF VAGINAL HIV TRANSMISSION	\$47,210
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$140,133
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$425,754
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI077412	NEF FUNCTION IN HIV INFECTIVITY	\$384,800
2009	DANA-FARBER CANCER INSTITUTE	MA	K01AI073861	STUDIES ON THE EPIDEMIOLOGY OF H5N1 INFLUENZA EVOLUTION	\$89,274
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	\$137,970
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI079198	THE ROLE OF THE PHAGOSOME IN INNATE IMMUNE SENSING	\$382,529
2009	MICROBIOTIX, INC	MA	R43AI083032	NOVEL ANTIBACTERIALS TARGETING GRAM-NEGATIVE NONFERMENTERS	\$259,512
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K99AI075285	CENTRAL NERVOUS SYSTEM AUTOIMMUNITY AND IMMUNOREGULATION IN THE ZEBRAFISH	\$90,004
2009	BOSTON UNIVERSITY	MA	K22AI074909	HOST-PATHOGEN INTERACTIONS IN TARGETING WOLBACHIA TO THE STEM CELL NICHE	\$158,720
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI074957	REGULATORY TARGETS OF P38 MAP KINASE IN INFLAMMATION	\$387,073
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078957	CHEMICAL BIOLOGICAL AND GENOMIC APPROACHES TO BACTERIAL VIRULENCE REGULATION	\$441,875
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI085581	IDENTIFYING NOVEL ANTI-INFECTIVES BY HIGH THROUGH-PUT SCREENING IN WHOLE ANIMALS	\$841,655
2009	TUFTS MEDICAL CENTER	MA	R21AI081643	T. GONDII AS A MODEL FOR INVESTIGATION OF CRYPTOSPORIDIUM GLYCOPROTEIN ANTIGENS	\$241,500
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI079293	Innate Immune Activation in Malaria	\$665,302
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$772,122
2009	TUFTS UNIVERSITY	MA	F31AI075605	INDUCTION OF PATHOGENIC INNATE AND ADAPTIVE IMMUNE RESPONSES BY SCHISTOSOME HELMI	\$39,125
2009	TUFTS MEDICAL CENTER	MA	R21AI077476	ROLE OF PROTEASES IN CRYPTOSPORIDIUM-HOST CELL INTERACTIONS	\$203,000
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067472	MEMORY T CELLS IN EAE	\$395,256
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI071448	IMPACT OF IFN-GAMMA ON NEURAL STEM CELL REPAIR POTENTIAL IN EAE	\$431,555
2009	BOSTON UNIVERSITY	MA	R01AI073149	CO-FACTORS IN HIV MUCOSAL INFECTION	\$531,708

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI069732	DISSECTING MECHANISMS OF HOST MANIPULATION BY PATHOGENS	\$51,710
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI073586	MULTI-COMPONENT VACCINE FOR STAPHYLOCOCCUS EPIDERMIDIS	\$211,250
2009	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$240,069
2009	DANA-FARBER CANCER INSTITUTE	MA	R37AI053102	GENERATION OF ANTIGEN-SPECIFIC REGULATION T CELLS	\$621,261
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI060890	T CELL PRODUCTION FROM A SKIN DERIVED THYMUS CONSTRUCT	\$135,000
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI064345	ROLE OF RNA SILENCING IN B CELL DEVELOPMENT AND FUNCTION	\$649,908
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067711	STRUCTURAL, GENETIC, AND FUNCTIONAL ANALYSES OF THE GLYCOPROTEINS OF BACTEROIDES	\$364,351
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063421	INTEGRIN LFA-1 ANTAGONISTS	\$439,505
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$735,571
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI059010	MOUSE MODEL FOR SEPSIS	\$381,386
2009	BOSTON MEDICAL CENTER	MA	R01AI021628	PEPTIDE ACTIVATORS OF DIPHTHERIA TOXIN REPRESSOR(DTXR)	\$532,768
2009	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$411,979
2009	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$615,275
2009	BETH ISRAEL HOSPITAL	MA	K08AI069995	VIRAL CONSTRAINTS ON SIV ESCAPE FROM CYTOTOXIC T LYMPHOCYTES	\$121,230
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069403	HARVARD TANZANIA HIV/AIDS CLINICAL TRIALS UNIT	\$1,229,815
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$2,011,828
2009	BETH ISRAEL HOSPITAL	MA	K08AI064014	LUNG MACROPHAGE INNATE RECEPTOR RESPONSE TO MTB IN HIV	\$123,579
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI063284	DEVELOPMENTAL CHECKPOINTS OF MURINE MAST CELLS	\$384,437
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$264,250
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069456	BOTSWANA-HARVARD SCHOOL OF PUBLIC HEALTH AIDS INITIATIVE PARTNERSHIP CTU	\$3,695,461
2009	TUFTS UNIVERSITY	MA	R01AI024465	IMMUNITY IN TRANSGENIC MICE	\$389,356
2009	BETH ISRAEL HOSPITAL	MA	U19AI066305	NOVEL ADENOVIRUS VECTOR-BASED VACCINES FOR HIV-1	\$2,969,378
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI045846	ROLE OF THE PRE-T CELL RECEPTOR IN LINEAGE COMMITMENT	\$364,947

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2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI072033	GENETIC DIVERSITY OF PLASMODIUM FALCIPARUM AND SEVERE MALARIA IN AFRICA	\$134,740
2009	TUFTS UNIVERSITY	MA	R01AI055976	BIOEMULSIFYING VACCINE DELIVERY SYSTEM FOR IMMUNOMODULATION	\$373,070
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P30AI042845	UMASS CENTER FOR AIDS RESEARCH (CFAR)	\$1,297,655
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI073871	ADAPTIVE IMMUNITY IN VIRUS-INDUCED DIABETES IN BBDR RATS	\$434,416
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$574,386
2009	BETH ISRAEL HOSPITAL	MA	R01AI066924	NOVEL ADENOVIRUS VACCINE VECTORS FOR HIV/SIV	\$786,648
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$375,233
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI074503	DEVELOPMENT OF NOVEL IMMUNOTHERAPY FOR INFLUENZA VIRUS INFECTION	\$919,127
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI073457	LOCAL REGULATION OF CYTOTOXIC T CELL FUNCTION IN THE TUMOR STROMA	\$248,999
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI064226	GROUP V SPLA2 IN INFLAMMATION AND INNATE IMMUNITY	\$130,150
2009	TUFTS UNIVERSITY	MA	R01AI064872	A THERMOSTABLE MEASLES VACCINE	\$584,936
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI068395	THE IMPACT OF DRUG-DRUG INTERACTIONS ON THE EVOLUTION OF ANTIBIOTIC RESISTANCE	\$53,354
2009	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	\$507,500
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068871	LEUKOTRIENES AND LUNG INFLAMMATION	\$499,371
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI078142	SIMIAN VIRUS 40 (SV40) UNCOATING AND PENETRATION	\$192,668
2009	DANA-FARBER CANCER INSTITUTE	MA	F32AI077371	TARGETING HIV WITH HYDROCARBON-STAPLED FUSION HELICES	\$53,510
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI083118	Cross-Species transmission and adaptation of primate lentiviruses	\$433,750
2009	TUFTS UNIVERSITY	MA	R01AI076575	Mechanisms of Integrin-Mediated Costimulation in T Cells	\$389,190
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$1,037,671
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI067693	PROSPECTIVE MULTICENTER STUDY OF BRONCHIOLITIS ADMISSIONS: ETIOLOGY & DISPOSITION	\$941,304
2009	BETH ISRAEL HOSPITAL	MA	K23AI074638	DEVELOPMENT AND EVALUATION OF A NOVEL DIAGNOSTIC TEST FOR ACTIVE TUBERCULOSIS	\$126,630

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2009	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI076425	TB VACCINE CANDIDATES FOUND IN PATIENTS' BODILY FLUIDS AND MURINE MHC-1 MOLECULE	\$579,709
2009	BOSTON UNIVERSITY	MA	R21AI081596	MECHANISM OF HIV-1 ATTACHMENT TO DENDRITIC CELLS	\$243,750
2009	BOSTON MEDICAL CENTER	MA	R03AI076839	INVESTIGATION OF PERTUSIS SPECIFIC MEMORY B CELLS	\$84,417
2009	FENWAY COMMUNITY HEALTH CENTER	MA	U01AI069480	CLINICAL TRIAL UNIT FOR HIV PREVENTION AND MICROBICIDE RESEARCH	\$2,097,793
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084106	IMMUNE RESPONSES AGAINST HIV-INDUCED CELL-DERIVED NEOEPITOPES AND HIV CONTROL	\$508,105
2009	BETH ISRAEL HOSPITAL	MA	R21AI078385	CHARACTERIZATION OF INNATE IMMUNE RECEPTORS	\$212,500
2009	BETH ISRAEL HOSPITAL	MA	R01AI080582	PURINERGIC RECEPTORS IN INFLAMMATION	\$358,000
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI080875	REGULATION OF CD45 ALTERNATIVE SPLICING BY HNRPLL	\$525,000
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI080621	Toxoplasma proteins that modulate the host cell	\$396,240
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084657	ELUCIDATING THE ROLE OF T-REGS IN ENGRAFTMENT, GVHD, AND DLI IMMUNOTHERAPY	\$429,579
2009	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI087992	SIV-SPECIFIC IMMUNITY IN BREAST MILK DURING INFECTION AND AFTER VACCINATION	\$132,300
2009	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$13,123,881
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI078445	MAPK PHOSPHATASES AND INNATE IMMUNITY	\$275,794
2009	BOSTON COLLEGE	MA	R01AI081924	Cytoskeleton scaffold assembly in Toxoplasma gondii	\$352,125
2009	MICROBIOTIX, INC	MA	R43AI082799	NOVEL METHYLENECYCLOPROPANE ANALOGUES AS ANTI-HUMAN HERPESVIRUS 6 AND 8 AGENTS	\$320,545
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075118	Rip Proteins in Innate Immune Signaling	\$368,344
2009	BIOHELIX CORPORATION	MA	R44AI077418	LOW COST MOLECULAR ASSAY FOR HIV	\$1,000,000
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F31AI084490	FUNCTIONAL CHARACTERIZATION OF HSV-1 DNA POLYMERASE PREN-AND N -TERMINAL DOMAINS	\$32,232
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R03AI081080	HISTONE RECOGNITION IN THE CONTROL OF CENTRAL TOLERANCE BY AIRE	\$81,729
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$235,601
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI084548	EFFECT OF HIV INFECTION ON PULMONARY MDR-TB TRANSMISSION AND VIRULENCE	\$136,350
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI082630	Reversal of Immune Failure with Viral Cure in Chronic HCV Infection	\$3,086,377

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2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI080948	INNATE SIGNALING, CYSTEINYL LEUKOTRIENES, AND ASTHMA ELICITED BY HOUSE DUST MITE	\$136,485
2009	IQUUM INC	MA	R44AI081387	AUTOMATED NEAR-PATIENT MOLECULAR DIAGNOSTICS AND DISCRIMINATION OF SEASONAL INFL	\$313,779
2009	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	F32AI072935	RECOGNITION AND PHAGOCYTOSIS OF CANDIDA ALBICANS BY THE INNATE IMMUNE SYSTEM	\$53,354
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI049524	MHC PROTEINS, COPOLYMERS AND PEPTIDE 15MERS IN EAE	\$412,020
2009	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI076625	A NOVEL MUTATION IN HUMAN IKBALPHA IDENTIFIES A DOMAIN ESSENTIAL FOR FUNCTION	\$132,300
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI037901	CHARACTERIZATION OF MYCOBACTERIAL SIGMA FACTORS	\$416,676
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043208	MOLECULAR INTERACTIONS BETWEEN REV AND CELLULAR FACTORS	\$309,579
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065483	MECHANISMS OF TLR 9 ACTIVATION	\$340,091
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,208,691
2009	BOSTON UNIVERSITY	MA	U01AI067146	HLA REGION GENETICS AND SLE IN U.S. BLACK WOMEN	\$299,420
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI053669	TEMPORAL REQUIREMENTS FOR INTRACELLULAR PATHOGENESIS	\$391,659
2009	BETH ISRAEL HOSPITAL	MA	R01AI063571	FORMINS (FHOS) IN CD21-MEDIATED SIGNALING & VIRUS ENTRY	\$355,790
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI061174	TOWARDS A MOUSE MODEL OF COMPLEMENT-MEDIATED DISEASES	\$389,815
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI037475	FUNCTION FOR VPR AND VPX OF PRIMATE LENTIVIRUSES	\$377,879
2009	BOSTON MEDICAL CENTER	MA	R01AI062467	REGULATION OF HIV BY T-CELL SIGNAL TRANSDUCTION	\$311,916
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI048825	SYNTHESIS OF ANTIBIOTICS	\$312,436
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI047960	TRYPANSOMA CRUZI-INDUCED HOST CELL SIGNALING RESPONSES	\$305,094
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060991	GENETIC CONTROL OF IMMUNE RESPONSE TO LISTERIA INFECTION	\$348,277
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065639	DNA BREAKS IN CLASS SWITCH RECOMBINATION	\$264,514
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI044268	REGULATION OF ANTI-CARBOHYDRATE NATURAL ANTIBODIES	\$297,305

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2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI066118	TEC KINASES LTK AND RLK IN MAST CELL SIGNALING	\$386,974
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$419,378
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	\$355,019
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	K08AI062752	CMV-SPECIFIC CD8+ T CELL RESPONSES IN KIDNEY TRANSPLANT RECIPIENTS	\$108,000
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063408	MODULATION OF T LYMPHOCYTE REGULATION	\$489,413
2009	BOSTON MEDICAL CENTER	MA	R01AI064749	INTERACTION OF CHALMYDIA WITH INNATE IMMUNE RECEPTORS	\$299,513
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067077	PROMISCUOUS PRESENTATION OF HLA CLASS I RESTRICTED, HIV DERIVED CTL EPITOPES	\$406,947
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI051164	METHODS TO ADVANCE THE HIV PREVENTION RESEARCH AGENDA	\$426,796
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI025328	MOLECULAR BASIS FOR SIV PATHOGENICITY	\$402,453
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI048213	TRANSCRIPTIONAL MECHANISMS UNDERLYING TOLERANCE	\$659,198
2009	TUFTS UNIVERSITY	MA	F32AI074193	THE ROLE OF UBIQUITINATION IN LEGIONELLA PNEUMOPHILA INFECTION AND DISEASE.	\$51,710
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI046706	POLY-N-ACETYL GLUCOSAMINE AS A VACCINE FOR BACTERIAL PATHOGENS	\$458,355
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$536,532
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI022535	ACQUIRED IMMUNITY AND VACCINATION FOR P. AERUGINOSA	\$341,698
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065250	POLYVALENT DNA PLUS PROTEIN HIV VACCINES	\$520,093
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI070839	GENETIC ANALYSIS OF VDJ RECOMBINATION REGULATION	\$130,140
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K02AI070785	IEX-1 IN BRIDGE OF INNATE TO ADAPTIVE IMMUNE RESPONSES TO MEMORY T CELLS	\$106,110
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$274,135
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$282,550
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$470,537
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063795	LIVING CELL ARRAYS FOR REAL TIME FUNCTIONAL GENOMICS	\$664,700
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI039394	BIOCHEMICAL MECHANISM OF HIV DNA INTEGRATION	\$397,645
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$747,992
2009	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$452,468

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2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066705	THORACIC ALLOGRAFT TOLERANCE IN NON-HUMAN PRIMATES	\$1,292,203
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI065858	CELLULAR AND MOLECULAR EFFECTORS OF SYNOVITIS	\$2,028,154
2009	IQUUM INC	MA	U01AI066576	POINT OF CARE NUCLEIC ACID DIAGNOSTIC DEVICE FOR QUANTIFYING BACTEREMIA	\$389,487
2009	BOSTON UNIVERSITY	MA	R03AI078134	STRUCTURAL STUDIES ON AN AMINOPEPTIDASE INSIDE THE ENDOPLASMIC RETICULUM	\$81,250
2009	AMBERGEN	MA	R44AI052525	NOVEL PROTEOMIC ARRAYS OF IN VITRO EXPRESSED PROTEINS FOR AUTOIMMUNE DISEASE	\$657,583
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$838,927
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI073425	DETECTION OF BACTERIA USING NANOPARTICLE-POLYMER SENSORS	\$224,161
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI070999	REGULATORY TARGETS AND PATHOGENIC MECHANISMS OF ANTHRAX EDEMA FACTOR	\$391,324
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI071306	MECHANISMS OF PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV VACCINES	\$3,990,219
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI072044	GENETIC CONTROL OF IL-1 AND ITS ROLE IN INFLAMMATORY ARTHRITIS	\$130,150
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI070963	GENETIC AND ECOLOGICAL FACTORS IN TRANSMISSIBILITY AND EPIDEMIC CYCLE OF CHOLERA	\$325,202
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI080075	ANALYSIS OF CELLULAR EVENTS THAT ALLOW PAPILLOMAVIRUS REPLICATION	\$50,054
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U24AI082660	GENERATION OF A COMPREHENSIVE PANEL OF REAGENTS FOR RESEARCH ON SCAVENGER RECEPTO	\$597,225
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$404,500
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070926	VIRULENCE MECHANISMS OF GROUP A STREPTOCOCCAL TOXINS	\$383,250
2009	PRESSURE BIOSCIENCES INC	MA	R43AI081518	SAMPLE PREPARATION USING PRESSURE FOR MICROBIOME STUDIES AND CLINICAL DIAGNOSTICS	\$109,998
2009	BOSTON UNIVERSITY	MA	U01AI082954	EARLY HOST IMMUNE RESPONSE IN PROTECTION AGAINST FILOVIRUS INFECTION	\$654,297
2009	MICROBIOTIX, INC	MA	U01AI082052	DEVELOPMENT OF A NOVEL LEAD SERIES AGAINST CATEGORY A & B BACTERIAL PATHOGENS	\$1,149,999
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI083503	IMMUNODEFICIENCY CAUSED BY MUTATIONS IN LRRC8	\$425,833

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2009	NETWORK BIOSYSTEMS INC	MA	R43AI084206	A RAPID POINT-OF-CARE DIAGNOSTIC FOR C.TRACHOMITIS STDS	\$449,582
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI084413	ROLE OF SYNDECAN-1 IN S. AUREUS PNEUMONIA	\$255,750
2009	HABSEL INC	MA	R43AI082861	DROPLET COMPARTMENTALIZED SELECTION FOR DEEP-MINING OF ANTIBODY DIVERSITY	\$99,671
2009	IQUUM INC	MA	R44AI075946	DEVELOPMENT OF POINT-OF-CARE LIAT QUANTITATIVE HIV ASSAY	\$935,786
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI082369	LIPIDOMIC AND TRANSCRIPTOME SIGNATURES IN ASPIRIN-EXACERBATED RESPIRATORY DISEASE	\$266,500
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	F32AI081483	ENTEROHEMORRHAGIC ESCHERICHIA COLI VIRULENCE REGULATION BY NON-CODING RNAS	\$47,210
2009	BETH ISRAEL HOSPITAL	MA	P01AI076210	PRIMARY IMMUNO-DEFICIENCIES AFFECTING SPECIFIC STAGES OF THE IMMUNE RESPONSE	\$1,822,109
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	F31AI078726	SMALL MOLECULE INHIBITORS OF A CANDIDA ALBICANS HISTONE MODIFYING ENZYME	\$25,650
2009	ANCORA PHARMACEUTICALS INC	MA	R43AI082878	EVALUATION OF A SYNTHETIC ANTI-GPI VACCINE CANDIDATE IN SEVERE ANEMIA MODELS OF M	\$266,867
2009	UNIVERSITY OF MASSACHUSETTS	MA	U24AI082663	TLR ECTODOMAINS FOR MICROBIAL DETECTION AND THERAPEUTICS	\$439,074
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI081059	Outer Membrane Biogenesis: New Antibiotic Targets	\$477,672
2009	BOSTON UNIVERSITY	MA	R33AI076966	AN IN VITRO MODEL OF CELL-ASSOCIATED HIV -1 TRANSMISSION	\$438,287
2009	PULMATRIX INC	MA	U01AI082115	INHALED AEROSOLS FOR PREVENTION AND TREATMENT OF RESPIRATORY INFECTIONS	\$728,058
2009	BOSTON UNIVERSITY	MA	R21AI079370	ROLE OF P53 IN LITAF PROCESS	\$203,125
2009	UNIVERSITY OF MASSACHUSETTS	MA	R56AI049437	GLOBAL REGULATORY INTERACTIONS IN BACTERIAL PATHOGENESIS	\$410,208
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073109	INCIDENCE AND PREDICTORS OF MYOCARDIAL INFARCTION AMONG HIV-INFECTED PATIENTS	\$136,806
2009	NORTHEASTERN UNIVERSITY	MA	R01AI070863	SCREEN DEVELOPMENT FOR ANTIMICROBIAL PRODRUGS	\$385,043
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI065425	EICOSANOID PRODUCTION BY INFECTED LUNG EPITHELIAL CELLS	\$108,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI048833	CLASS II MHC ANTIGEN PROCESSING IN DENDRITIC CELLS	\$445,310
2009	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI033456	ASSEMBLY OF MHC CLASS I MOLECULES IN VITRO AND IN VIVO	\$787,431
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI049268	GLYCOPROTEIN INTERACTIONS IN PARAMYXOVIRUS FUSION	\$396,692

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026126	MECHANISMS REGULATING HSV TK EXPRESSION DURING INFECTION	\$374,129
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007498	PH.D. PROGRAM IN IMMUNOBIOLOGY	\$262,455
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI032391	KILLER CELLS & VIRAL LOAD IN VERTICAL HIV INFECTION	\$302,304
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007349	Training in Immunology and Virology	\$176,977
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$472,120
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI060881	COMPLEMENT C1Q FUNCTION IN ALLOGENEIC TRANSPLANTATION	\$128,520
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$403,644
2009	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$301,283
2009	BETH ISRAEL HOSPITAL	MA	R01AI043552	THE ROLE OF RAP1 IN T-CELL RESPONSES	\$316,256
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI072508	NOVEL WHOLE-ANIMAL SCREENS FOR ANTI-MICROBIALS	\$415,454
2009	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$380,205
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI033600	CHARACTERIZATION OF MAMMALIAN STRESS GRANULES	\$416,742
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI074088	MECHANISTIC EXPLORATIONS OF MICROCIN E492M BIOSYNTHESIS AND MATURATION	\$50,054
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI062435	BRIDGING THE GAP HIV TRIALS AND CLINICAL PRACTICE	\$132,300
2009	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$350,420
2009	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$822,250
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI059027	LOCALIZATION OF RECOMBINATION SITES IN E. COLI	\$254,324
2009	TUFTS MEDICAL CENTER	MA	K23AI071872	GENETIC ANALYSIS OF HIV COMPLICATIONS	\$122,760
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046578	IMMUNITY IN SYSTEMIC AND MUCOSAL VIRUS INFECTIONS	\$340,093
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067353	ADENOSINE SHAPES NEONATAL TOLL-LIKE RECEPTOR FUNCTION	\$362,208
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI067519	CHEMOKINE RECEPTORS AND THE INTERFERON GAMMA PATHWAY IN TH1 CELL TRAFFICKING	\$130,140
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI049757	HIV-1 GP120 INDUCED CTL CHEMOREPULSION:DYSREGULATION OF MIGRATION & LOCALIZATION	\$410,450
2009	UNIVERSITY OF MASSACHUSETTS	MA	R03AI073461	TRYPANOSOMA BRUCEI-INDUCED DYSHEMATOPOIESIS: BLOCKED B LYMPHOPOIESIS	\$74,918

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	P01AI071195	IMMUNE RESPONSE CONSORTIUM: INTEGRATED IN SILICO, IN VITRO, AND IN VIVO STUDIES	\$1,622,994
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI067706	REGULATION OF IMMUNE RESPONSE TO INFLUENZA BY INNATE IMMUNITY.	\$500,090
2009	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$277,246
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$166,483
2009	FIRST LIGHT BIOSCIENCES INC	MA	R44AI055195	RAPID, ACCURATE AND USER-FRIENDLY CLINICAL SURGE-TESTING FOR BIOTHREAT AGENTS	\$997,518
2009	ARIETIS CORPORATION	MA	R43AI074258	THERAPY AGAINST RECALCITRANT C. ALBICANS INFECTION	\$299,600
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$355,919
2009	MICROBIOTIX, INC	MA	R43AI079986	THERAPEUTICS TARGETING FATTY ACID SYNTHESIS IN P. AERUGINOSA	\$292,209
2009	IMMUNETICS, INC	MA	R43AI080021	CHAGAS DISEASE CONFIRMATORY ASSAY	\$299,859
2009	IMMUNETICS, INC	MA	R43AI078567	DETECTION OF ANTIBIOTIC RESISTANCE GENES IN BACTERIAL AGENTS OF HOSPITAL- ACQUIRED	\$299,999
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI078509	ACQUIRED SUSCEPTIBILITY TO PULMONARY TB	\$246,000
2009	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$180,045
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068616	STATISTICAL AND DATA MANAGEMENT CENTER-PEDIATRIC, ADOLESCENT, AND MATERNAL CTG	\$9,502,020
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI080286	ROLE OF CYTOKINES IN THE PERSISTENCE OF TOLERIZED T CELLS	\$46,176
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI071319	INNATE IMMUNE RECEPTORS FOR TOXOPLASMA GONDII	\$591,803
2009	BOSTON UNIVERSITY	MA	R21AI079328	MECHANISM FOR NON-TEMPLATED INITIATION BY A PARAMYXOVIRUS POLYMERASE	\$203,125
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$441,250
2009	BIOHELIX CORPORATION	MA	R44AI066487	HERPES VIRUS TYPING ASSAY FOR DETECTING GENITAL HERPES	\$638,833
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI080099	DEFINING THE MECHANISM OF ACTION OF SANGLIFEHRIN A	\$45,218
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI077280	INTERACTIONS BETWEEN THE ANTHRAX TOXIN PORE AND ITS POLYPEPTIDE CARGO	\$51,710
2009	DANA-FARBER CANCER INSTITUTE	MA	K08AI078942	DISEASE INITIATION AND THE ROLE OF DCS IN THE TRUC MODEL OF ULCERATIVE COLITIS	\$130,140

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2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$2,343,698
2009	FIRST LIGHT BIOSCIENCES INC	MA	R43AI080016	RAPID SENSITIVE LOW COST TEST FOR RESISTANT MICROBES CAUSING HOSPITAL INFECTIONS	\$284,971
2009	BETH ISRAEL HOSPITAL	MA	R01AI076138	ARMING NEUTROPHILS FOR THE DESTRUCTION OF HIV BY ANTI-HIV ANTIBODY	\$395,126
2009	ICET, INC	MA	R43AI077174	CONTINUOUS BIOFILM DISRUPTING MATERIALS	\$123,997
2009	AURITEC PHARMACEUTICALS LLC	MA	R43AI081552	SUSTAINED RELEASE ACYCLOVIR FOR PROPHYLAXIS OF GENITAL HERPES	\$223,952
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI051530	Naive T cell homeostasis: Treg selection and survival	\$211,838
2009	MOUNT HOLYOKE COLLEGE	MA	R15AI051674	MAIDS RESISTANCE-ASSOCIATED GENE EXPRESSION IN SECONDARY LYMPHOID ORGANS	\$224,356
2009	BIOHELIX CORPORATION	MA	U01AI082522	LOW COMPLEXITY, INSTRUMENT-FREE FOR CT/NG	\$680,347
2009	MICROBIOTIX, INC	MA	R43AI084278	CARBOCYCLIC NUCLEOSIDES AS THERAPEUTICS FOR EBOLA INFECTIONS	\$299,158
2009	IMMUNE DISEASE INSTITUTE INC	MA	K99AI083793	GLOBAL ANALYSIS OF HNRNPLL-MEDIATED ALTERNATIVE PRE-MRNA SPLICING IN LYMPHOCYTES.	\$97,200
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI075037	STUDIES OF FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$319,375
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077595	AID Targeting Mechanisms for IgH Switch Recombination and Somatic Hypermutation	\$423,334
2009	IMMUNE DISEASE INSTITUTE INC	MA	R21AI076023	T CELL SUBSETS AND THEIR FUNCTION IN TB/HIV PARADOXICAL REACTIONS	\$367,500
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI079788	NOVEL APPROACH TO ORAL GENE THERAPY FOR CHRONIC GRANULOMATOUS DISEASE	\$204,896
2009	BOSTON UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$187,353
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI084756	REGULATORY COSTIMULATORY PATHWAYS & FETOMATERNAL TOLERANCE	\$383,626
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	RC1AI081282	NOVEL AGENTS FOR MITIGATION OF RADIATION-INDUCED PULMONARY INJURY	\$950,371
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI084011	GENETIC EPIDEMIOLOGY OF LIFE-THREATENING INFLUENZA INFECTION IN CHILDREN	\$712,203
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI041707	SKIN HOMING T CELLS -- MOLECULAR CHARACTERIZATION OF CLA	\$428,534

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2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$115,987
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI075761	TGFBETA, IL-6 & IL-23 IN INDUCTION OF PATHOGENIC VS. REGULATORY T CELLS IN VIVO	\$54,554
2009	AMBERGEN	MA	R44AI058620	MASS SPECTROMETRIC DETECTION OF DRUG-RESISTANT HIV	\$848,937
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057039	REPLICATION AND PERSISTENCE OF PRIMATE LENTIVIRUSES	\$425,509
2009	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070772	MODULATION OF A NOVEL CELL CYCLE CHECKPOINT BY THE HPV ONCOGENE E6	\$203,125
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI048125	INNATE CYTOKINE RESPONSES THAT REGULATE AUTOIMMUNITY	\$365,508
2009	BETH ISRAEL HOSPITAL	MA	R01AI022571	CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	\$425,000
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI039759	ASTHMA, AIRWAY INFLAMMATION AND BETA CHEMOKINE RECEPTORS	\$423,334
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$422,500
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI030914	INHIBITION OF HIV 1 REPLICATION BY CYTOTOXIC LYMPHOCYTES	\$440,833
2009	BOSTON UNIVERSITY	MA	R01AI035680	ROLE OF INTERLEUKIN-16 IN ASTHMA	\$375,554
2009	TUFTS UNIVERSITY	MA	R01AI057637	CLOSTRIDIUM DIFFICILE TOXIN GENE REGULATION	\$293,111
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$590,180
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE	\$665,016
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067073	PATHOGENESIS OF CLADE C HIV INFECTION	\$590,866
2009	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI047389	RAPAMYCIN-INSENSITIVE SIGNALING BY RICTOR-MTOR	\$453,455
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$407,216
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$375,067
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$318,017
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026289	Coordinate Regulation of Bacterial Virulence Factors	\$509,961
2009	DANA-FARBER CANCER INSTITUTE	MA	U19AI029530	IMMUNE MODULATION/HEMATOPOIETIC CELL TRANSPLANTATION	\$1,883,752
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI056299	T Cell Costimulatory Pathways: Functions and Interactions	\$1,705,049
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI041054	IMMUNODEFICIENCIES THAT IMPAIR LYMPHOCYTE SURVIVAL	\$490,372
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI048425	TYROSINE SULFATION IN HIV-1 AND SIV ENTRY	\$347,278

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2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI038342	THE CHROMATIN REMODELER MI2 IN T CELL DEVELOPMENT	\$383,926
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$609,596
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$527,598
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI066454	HAART TO PREVENT HIV TRANSMISSION TO INFANTS IN BOTSWANA	\$862,925
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$409,896
2009	COMBINATORX INC	MA	U01AI061345	COMBINATION THERAPIES TO COUNTERACT ANTHRAX TOXIN	\$522,789
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$541,871
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$476,596
2009	BOSTON UNIVERSITY	MA	U01AI075386	SHIGA-TOXINS: PRE-CLINICAL ANIMAL MODEL DEVELOPMENT AND THERAPEUTIC TESTING	\$765,059
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI032412	TRANSCRIPTIONAL REGULATION OF THE IMMUNE RESPONSE	\$520,195
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI073651	B CELL ACTIVATION DURING VIRAL INFECTION	\$398,531
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$328,999
2009	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$980,999
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI075766	ROLE OF THE HUMAN CYTOMEGALOVIRUS UL97 PROEIN KINASE IN VIRAL REPLICATION	\$55,310
2009	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$124,861
2009	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	K08AI071023	THE ROLE OF FUNGAL ADHESINS IN THE MODULATION OF THE INNATE IMMUNE RESPONSE	\$130,950
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R21AI080565	IMMUNOLOGICAL COMPLICATIONS OF RADIATION COMBINED INJURY	\$168,745
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI073127	POOLING HIV COHORTS TO INFORM CLINICAL DECISION	\$280,689
2009	BIOHELIX CORPORATION	MA	R43AI081567	GENOTYPING ASSAYS FOR THE MOST COMMON MUTATIONS ASSOCIATED WITH ABACAVIR HYPERSEN	\$143,606
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI084579	INFANT MALE CIRCUMCISION IN BOTSWANA: FEASIBILITY, SAFETY AND ACCEPTABILITY	\$136,957
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI079569	GENOME-WIDE INVESTIGATIONS IN FUNGAL PATHOGENS UTILIZING AN INVERTEBRATE MODEL HO	\$220,833
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI078073	MULTI-GENE SUBUNIT VACCINE PLATFORM AGAINST Y. PESTIS	\$415,947

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2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI084785	STRUCTURAL APPROACHES TO HIV-1 IMMUNOGEN DESIGN FOR BNAB GENERATION	\$592,238
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI084102	STAPLED ANTIGENS FOR HIV-1 VACCINATION	\$432,084
2009	AURITEC PHARMACEUTICALS LLC	MA	R44AI069674	DEPOT CALCINEURIN INHIBITORS TO PREVENT GRAFT REJECTION	\$491,344
2009	NORTHEASTERN UNIVERSITY	MA	R01AI082577	VALIDATION AND DEVELOPMENT OF TRYPANOSOMAL PHOSPHODIESTERASE INHIBITORS FOR TREAT	\$364,913
2009	BETH ISRAEL HOSPITAL	MA	K08AI083079	INDUCTION OF MUCOSAL CELLULAR IMMUNITY BY HIV-1 VACCINE VECTORS	\$126,630
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI078754	Optimizing Outcomes for HIV-Exposed and HIV-Infected Children in South Africa	\$137,093
2009	MICROBIOTIX, INC	MA	R43AI081399	INHIBITORS OF THE Y. PESTIS CELL SURFACE PLASMINOGEN ACTIVATOR FOR BIODEFENSE	\$276,650
2009	BROAD INSTITUTE INC	MA	R00AI076608	IDENTIFICATION AND CHARACTERIZATION OF NON-CODING RNAs IN DIVERSE BACTERIA	\$249,000
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,663,250
2009	EXCELIMMUNE, INC.	MA	R43AI084302	CREATION OF A HUMAN RECOMBINANT POLYCLONAL ANTIBODY THERAPY AGAINST CLOSTRIDIUM D	\$284,283
2009	BOSTON MEDICAL CENTER	MA	R21AI074843	THE ROLE OF CD23+ B CELLS IN HUMAN SCHISTOSOMIASIS	\$241,500
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064588	EVOLUTION OF STRESS-INDUCED BACTERIAL TOXINS	\$325,716
2009	BETH ISRAEL DEACONESS MEDICAL CENTER, INC	MA	R21AI076691	NON-ANTIBIOTIC SELECTABLE MARKERS FOR BACILLUS ANTHRACIS	\$348,270
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$327,880
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI074245	DEGS PROTEASE AND INITIATION OF THE ENVELOPE-STRESS RESPONSE	\$50,054
2009	BOSTON UNIVERSITY	MA	R01AI048611	THE GONOCOCCAL FUR REGULON: LINK TO PATHOGENESIS	\$483,578
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI051559	ROLE OF NEGATIVE T CELL COSTIMULATORY PATHWAYS IN ALLOGRAFT REJECTION AND TOLERANCE	\$388,813
2009	DANA-FARBER CANCER INSTITUTE	MA	P01AI048240	Vaccination against mucosal HIV clade C transmission	\$2,955,315
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043534	REGULATION OF V(D)J RECOMBINATION IN B CELL DEVELOPMENT	\$355,919
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$383,626
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$423,438
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI020642	INNATE IMMUNITY: SIGNAL TRANSDUCTION AND INTERFERON GENE REGULATION	\$523,488

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2009	MICROBIOTIX, INC	MA	R44AI054135	A POTENT ORAL THERAPY FOR CYTOMEGALOVIRUS INFECTION	\$1,076,294
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067737	PNEUMOCOCCAL IMMUNIZATION THROUGH A NOVEL MECHANISM	\$402,453
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI037601	BACTERIUM-ECM INTERACTIONS DURING INFECTION BY THE LYME DISEASE SPIROCHETE	\$386,974
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	U01AI061246	DNA MINOR GROOVE-BINDING DRUGS AND FOOD-BORNE PATHOGENS	\$420,512
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI046756	ANGIOGENESIS AND CHRONIC REJECTION	\$443,580
2009	TUFTS MEDICAL CENTER	MA	R01AI059509	SHIGA TOXIN & RICIN: MECHANISMS OF RIBOTOXIC STRESS	\$303,234
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI037584	TEC FAMILY TYROSINE KINASES IN T CELL SIGNALING	\$340,093
2009	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$411,980
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$423,646
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$403,644
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI064177	TCR CROSSREACTIVITY IN AUTOIMMUNE DISEASES	\$391,041
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063928	GAMMA-2 HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$651,561
2009	BOSTON UNIVERSITY	MA	R01AI044070	MULTIPLE LECTIN MODEL OF THE CYST WALL OF ENTAMOEBAS	\$384,593
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063430	MECHANISM OF PERFORIN ACTIVITY	\$586,616
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063433	FUNCTION OF MVFR IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$380,879
2009	TUFTS UNIVERSITY	MA	R01AI064218	PERPETUATION OF FRANCISELLA TULARENSIS	\$374,234
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072252	DIFFERENTIATION AND REGULATION OF CTL	\$415,188
2009	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$375,554
2009	BETH ISRAEL HOSPITAL	MA	U19AI066313	DETERMINANTS OF LIVER INJURY IN CHRONIC HEPATITIS C VIRUS INFECTION	\$558,103
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$315,326
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,794,654
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$416,742
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$409,688
2009	BETH ISRAEL HOSPITAL	MA	R01AI065335	IMMUNE CONTROL OF SIVAGM REPLICATION IN VIVO	\$896,377
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057027	MARKERS OF VIRAL SET POINT IN PRIMARY HIV-1C INFECTION	\$417,259
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$637,438

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI069208	DEVELOPMENT AND MAINTENANCE OF MEMORY CD8 T CELLS	\$386,927
2009	IMMUNE DISEASE INSTITUTE INC	MA	U19AI070302	AN SIRNA-BASED MICROBICIDE TO PREVENT HIV TRANSMISSION	\$2,049,537
2009	BETH ISRAEL HOSPITAL	MA	R01AI015066	CELL SURFACE RECEPTORS ON T CELLS AND MACROPHAGES	\$416,925
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$950,277
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI060398	MOLECULAR MECHANISMS OF CELLULAR GENE EXPRESSION REPROGRAMMING BY HIV TAT PROTEIN	\$392,994
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K23AI063998	IDENTIFYING HIV AND RELATED STIGMA IN RURAL HAITI	\$133,520
2009	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$483,861
2009	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$409,824
2009	TUFTS UNIVERSITY	MA	R01AI071300	INNATE IMMUNITY AND DENDRITIC CELLS IN CRYPTOSPORIDIOSIS	\$389,823
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI068826	DESIGNING POTENT ANTHRAX VACCINE WITH ENGINEERED PROTECTIVE ANTIGEN	\$412,634
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	T32AI070085	HARVARD LONGWOOD MEDICAL AREA TRAINING GRANT IN TRANSPLANTATION	\$159,811
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI064335	NEGATIVE COSTIMULATORY PATHWAYS IN REJECTION & TOLERANCE	\$129,720
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007272	VIRUS INFECTIONS: PATHOGENESIS AND HOST IMMUNE RESPONSES	\$226,134
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI071776	HOST GENETICS OF HIV-1 SUBTYPE C INFECTION, PROGRESSION, AND TREATMENT IN AFRICA	\$745,015
2009	UNIVERSITY OF MASSACHUSETTS	MA	P01AI082274	Induction of neutralizing antibodies targeting CD4 binding region of HIV-1 Env	\$1,857,587
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,659,090
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI077473	GENOTYPIC AND PHENOTYPIC CHARACTERIZATION OF HETEROSEXUALLY TRANSMITTED HIV-1	\$349,593
2009	MICROBIOTIX, INC	MA	R43AI072861	IDENTIFICATION OF NOVEL BROAD SPECTRUM INFLUENZA VIRUS INHIBITORS	\$300,000
2009	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHOROT OF CHILDREN OF SOUTH INDI	\$565,375
2009	MICROBIOTIX, INC	MA	U01AI070430	NOVEL SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXIN A	\$2,219,077
2009	DANA-FARBER CANCER INSTITUTE	MA	R21AI077464	REGULATION OF T CELL ACTIVATION BY HIV NEF	\$128,250

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2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI083516	MECHANISMS OF PULMONARY MAST CELL RECRUITMENT AND MATURATION	\$405,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$463,851
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI084753	MECHANISMS AND OPTIMIZATION OF EPITOPE PRESENTATION BY HIV-INFECTABLE CELL SUBSET	\$442,291
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$2,343,422
2009	NORTHEASTERN UNIVERSITY	MA	R01AI076372	A SYNERGY-BASED THERAPY AGAINST C. DIFFICILE	\$544,730
2009	UNIVERSITY OF MASSACHUSETTS	MA	U19AI084048	Innate and Adaptive Immunity in Experimental and Human Gonococcal Infection	\$2,681,405
2009	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI079381	HOST FACTORS FOR HEMORRHAGIC FEVER	\$132,300
2009	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$999,308
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R13AI078837	PREGNANCY INTENTIONS OF HIV-INFECTED WOMEN: FORWARDING A RESEARCH AGENDA	\$13,000
2009	BRANDEIS UNIVERSITY	MA	R01AI080791	MULTISCALE MODELING OF MECHANISMS FOR VIRAL CAPSID ASSEMBLY AND POLYMORPHISM	\$221,771
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI080289	Cytolytic antibodies:Bridging the gap between the innate and adaptive immune resp	\$441,250
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI083907	HUMANIZED MOUSE MODELS OF SEVERE COMBINED IMMUNODEFICIENCY	\$212,500
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI081429	T-BET REGULATES CD4 MEMORY TO BACTERIAL INFECTION WITH C. TRACHOMATIS	\$47,210
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$618,032
2009	TUFTS UNIVERSITY	MA	R56AI083369	OLIGONUCLEOTIDE-BASED THERAPY FOR HUS	\$396,568
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI070788	ROLE OF MICRO-RNAS IN T CELLS AND OTHER IMMUNE/HAEMATOPOIETIC CELLS	\$515,025
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$123,831
2009	SCHEPENS EYE RESEARCH INSTITUTE	MA	R01AI072360	E. faecalis Pathogenicity Island	\$424,896
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI074958	INTRACELLULAR BACTERIAL RECOGNITION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$288,941
2009	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$0
2009	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI074229	ROLE OF GROUP A STREPTOCOCCAL TOXINS IN BACTERIAL INTERNALIZATION AND SURVIVAL	\$50,054
2009	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R21AI070787	RNA APTAMERS AS NOVEL ANTIDOTES AGAINST BOTULISM	\$177,721
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI050207	HUMAN NATURAL KILLER CELLS: FORMATION AND STRUCTURE OF ACTIVATING SYNAPSES	\$411,203
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$352,667

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2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$226,629
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI061609	HOST FACTORS INVOLVED IN BACTERIAL PATHOGENESIS	\$322,914
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI046006	HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$1,762,403
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI052455	GROUP B. STREPTOCOCCI AND TOLL-LIKE RECEPTORS	\$424,776
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI056230	GENE BY ENVIRONMENT INTERACTIONS IN ASTHMA AND ALLERGY	\$442,589
2009	UNIVERSITY HOSPITAL	MA	R01AI058107	PRIMATE MODEL AND PATHOGENESIS OF ANTHRAX SEPSIS	\$485,739
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$546,416
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI042738	ACINETOBACTIN AND C-GLUCOSYLATED ENTEROBACTIN SIDEROPHORES	\$431,979
2009	TUFTS UNIVERSITY	MA	R01AI062989	COMPUTER SIMULATION OF EPSTEIN BARR VIRUS INFECTION	\$452,643
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$378,809
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046564	IMMUNOBIOLOGY OF JAK3 DEFICIENT MICE	\$348,277
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$428,674
2009	BOSTON MEDICAL CENTER	MA	R01AI046613	INNATE IMMUNE RECEPTORS IN HOST RESPONSES TO NEISSERIA	\$310,991
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI024643	STATISTICAL METHODS IN AIDS RESEARCH	\$312,436
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI062983	MUCOSAL COLONIZATION AND DISSEMINATION OF P. AERUGINOSA	\$128,120
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI069516	WESTERN NEW ENGLAND MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS UNIT	\$768,735
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI048917	VIRULENCE AND IMMUNITY TO MUCOID P. AERUGINOSA	\$380,786
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064349	INNATE IMMUNITY AND HERPES SIMPLEX PATHOGENESIS	\$305,210
2009	TUFTS UNIVERSITY	MA	R37AI023538	MOLECULAR BASIS OF YERSINIA/HOST CELL INTERACTION	\$411,052
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$394,157
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064332	STUDIES OF CAENORHABDITIS ELEGANS INNATE IMMUNITY	\$406,947
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI068458	THE EFFICACY AND IMPACT OF ROUTINE HIV AND TB TESTING IN DURBAN, SOUTH AFRICA	\$133,920

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2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$377,879
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$396,483
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$410,000
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$360,779
2009	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	CELLULAR IMMUNITY TO CATEGORY A-C VIRUSES IN HUMANS	\$3,639,795
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067926	CD8 T CELL SELECTIVE PRESSURE AND HCV SEQUENCE EVOLUTION	\$193,597
2009	BETH ISRAEL HOSPITAL	MA	U01AI066331	THROMBOREGULATORY STRATEGIES TO PROLONG XENOGRAFT SURVIVAL.	\$645,765
2009	TUFTS MEDICAL CENTER	MA	T32AI007389	HIV PATHOGENESIS TRAINING PROGRAM	\$264,751
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI062773	GENOMIC APPROACHES TO HOST-PATHOGEN INTERACTIONS	\$333,393
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$394,157
2009	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$425,000
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI072143	ROLE OF LIPID MEDIATORS IN HOST RESISTANCE TO MYCOBACTERIUM TUBERCULOSIS	\$430,074
2009	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$602,953
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI070330	EVOLUTIONARY LEAD OPTIMIZATION FOR IMMUNOTHERAPY OF MARBURG & EBOLA VIRUSES	\$914,594
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOIMMUNOMICS AND VIBRIO CHOLERAEE VACCINE DEVELOPMENT	\$1,068,774
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI070940	MECHANISMS OF VACCINIA VIRUS INNATE IMMUNE INHIBITION	\$398,531
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068634	STATISTICAL AND DATA MANAGEMENT CENTER FOR THE AIDS CLINICAL TRIALS GROUP	\$13,935,921
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI072973	ANERGIZING EFFECT OF NK CELL RECEPTOR EXPRESSION ON HIV-SPECIFIC CD8+ T CELLS	\$249,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI078287	HOW CELL DEATH AND STERILE PARTICULATES STIMULATE INFLAMMATION AND DISEASE	\$409,896
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI083713	ROLE OF PISA; A PYHIN FAMILY MEMBER IN INTRACELLULAR DNA RECOGNITION	\$410,000
2009	CHILDREN'S HOSPITAL CORPORATION	MA	K23AI077801	VITAMIN D DEFICIENCY AND THE SEVERITY OF BRONCHIOLITIS	\$132,300
2009	TUFTS UNIVERSITY	MA	K25AI079404	LIGHT WEIGHT MODELING OF EPSTEIN BARR VIRUS	\$124,632

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2009	UNIVERSITY OF MASSACHUSETTS	MA	U01AI082192	Antimicrobial Oligomers for BioDefense and Emerging Food Borne Infectious Disease	\$977,658
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI083133	DEVELOPMENT OF NEEDLE-FREE, VECTORLESS, RNA-BASED VACCINES FOR HIV	\$215,565
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI079085	Molecular T. vaginalis-host interactions in relevance to inflammatory sequelae	\$752,516
2009	UNIVERSITY OF MASSACHUSETTS	MA	U19AI082676	Optimization of HIV vaccines for the induction of cross-reactive antibodies	\$2,313,313
2009	BOSTON UNIVERSITY	MA	U01AI082121	NIPAH & HENDRA VIRUS NONHUMAN PRIMATE MODEL & THERAPEUTICS DEVELOPMENT	\$1,316,712
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI018045	Genetic Analysis of Toxinogenesis in Vibrio Cholerae	\$633,171
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI084167	Regulation of store-operated Ca2+ entry: STIM and ORAI	\$630,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T-CELLS	\$409,479
2009	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI081534	POINT-OF-CARE RAPID BLOOD TESTING USING MICROFLUIDIC DEVICES	\$434,000
2009	UNIVERSITY OF MASSACHUSETTS	MA	R13AI082856	12TH INTERNATIONAL CYTOMEGALOVIRUS AND BETA-HERPESVIRUS WORKSHOP	\$10,000
2009	BIOMEDICAL RESEARCH MODELS, INC	MA	R44AI063820	Advancing a Mucosal HSV-2 Vaccine Towards Clinical Trials	\$891,829
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI083036	AN HIV PREVENTION PROGRAM FOR MOCHUDI, BOTSWANA	\$835,915
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI084810	Modulation of the early host response to SIV in pathogenic infection	\$823,087
2009	BOSTON UNIVERSITY	MA	K01AI083097	RATES, PREDICTORS AND MORTALITY IMPACT OF LOSSES FROM HIV CARE IN SOUTH AFRICA	\$120,898
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI057786	EPIDEMIOLOGY OF MULTIDRUG-RESISTANT TUBERCULOSIS IN PERU	\$607,865
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI084546	GUT MUCOSAL IMMUNITY TO HIV-1 IN CONTROLLED AND PROGRESSIVE INFECTION	\$120,758
2009	DANA-FARBER CANCER INSTITUTE	MA	R21AI078340	ROLE OF PLEXIN D1 IN THYMIC DEVELOPMENT	\$160,271
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066013	MECHANISMS OF IMMUNITY TO PNEUMOCOCCAL COLONIZATION	\$414,473
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072004	RHESUS MONKEY RHADINOVIRUS GLYCOPROTEINS, ENTRY, AND NEUTRALIZATION	\$390,375
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R00AI072955	CELLULAR AND MOLECULAR ASPECTS OF TOLL-LIKE RECEPTOR SIGNAL TRANSDUCTION.	\$249,000
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI032890	CELLULAR CO-FACTORS OF HIV-1 INFECTION	\$358,678
2009	BETH ISRAEL HOSPITAL	MA	R01AI049954	GENE TRANSCRIPTION IN SLE	\$425,000

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2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$220,417
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$552,486
2009	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$89,717
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI051378	EXTRATHYMIC T CELL PRECURSORS: COMMITMENT AND EFFICACY	\$394,121
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI057754	TRANSCRIPTION REGULATION IN PSEUDOMONAS AERUGINOSA	\$362,208
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$385,716
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI035817	MECHANISM AND FUNCTION OF UNIPOLARITY OF SHIGELLA IC5A	\$406,520
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI045051	REGULATION OF INKT AND APC INTERACTIONS	\$325,558
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$377,011
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI069007	PHASE-VARIABLE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$362,208
2009	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$397,645
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI033062	IKAROS REGULATION: STUDY ON HEMO-LYMPHOPOIESIS	\$391,591
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI065285	HIV-1 REGULATION BY MTB: PATHOGEN AND HOST FACTOR	\$488,336
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046784	THE ROLE OF CCR4 IN SKIN LYMPHOCYTE HOMING AND IMMUNITY	\$381,021
2009	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$627,619
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI054950	RASGRP4-DEPENDENT RESPONSES IN MAST CELLS	\$392,995
2009	IMMUNE DISEASE INSTITUTE INC	MA	P01AI054558	ENGINEERED LISTERIA MONOCYTOGENES AS AN AIDS VACCINE	\$439,819
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$436,751
2009	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R37AI015706	SEQUENCE DETERMINANTS OF PROTEIN STRUCTURE AND STABILITY	\$473,580
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI066992	INDUCTION OF HIV-SPECIFIC IMMUNE RESPONSES	\$564,440
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$532,035
2009	BETH ISRAEL HOSPITAL	MA	R01AI020241	HUMAN EOSINOPHILS: MECHANISMS OF FUNCTIONING	\$395,320
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064344	MODULATION OF REGULATORY TOLERANCE TO TRANSPLANTS	\$530,638
2009	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$549,145
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI071155	REMODELING OF THE M. TUBERCULOSIS CELL WALL DURING INFECTION	\$416,742

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2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI065654	A STUDY OF PROTECTIVE IMMUNITY AGAINST DENGUE IN INFANTS	\$572,617
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056983	METHODS FOR HIGH-DIMENSIONAL DATA IN HIV RESEARCH	\$288,651
2009	IMMUNE DISEASE INSTITUTE INC	MA	R01AI057366	C1 INHIBITOR-MEDIATED PROTECTION FROM ENDOTOXIN SHOCK	\$488,336
2009	DANA-FARBER CANCER INSTITUTE	MA	U01AI074518	HUMAN MAB COCKTAILS TO PREVENT & TREAT H5N1 AVIAN INFLUENZA	\$1,309,684
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI060548	RESEARCH TRAINING IN ALLERGY AND IMMUNOLOGY AT MASSACHUSETTS GENERAL HOSPITAL	\$167,856
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062412	PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV	\$171,331
2009	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$11,010,956
2009	TUFTS MEDICAL CENTER	MA	K23AI074423	EMERGENCE OF HIV DRUG RESISTANCE: LOW-FREQUENCY MUTATIONS AND ASSOCIATED FACTORS	\$123,390
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI075286	A C.ELEGANS HIGH-THROUGHPUT ASSAY FOR THE IDENTIFICATION OF NEW ANTIFUNGAL AGENTS	\$441,875
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$752,119
2009	BRANDEIS UNIVERSITY	MA	U01AI075466	DEVELOPMENT OF IMPDH-TARGETED DRUGS AGAINST CRYPTOSPORIDIUM	\$895,013
2009	BETH ISRAEL HOSPITAL	MA	R01AI073133	MECHANISM OF ANTIBODY NEUTRALIZATION OF VIRUSES	\$375,233
2009	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,325,711
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$299,322
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI022021	MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	\$838,432
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$848,639
2009	BOSTON UNIVERSITY	MA	T32AI007309	Research Training in Immunology	\$225,205
2009	DANA-FARBER CANCER INSTITUTE	MA	R21AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	\$209,564
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI079769	LRRC8 SIGNALING IN T CELLS	\$212,916
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$449,764
2009	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI076189	CYTOMEGALOVIRUS AND NUCLEAR TUMOR SUPPRESSORS	\$531,036
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$377,060

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	MICROBIOTIX, INC	MA	R43AI074116	ANTIBIOTIC POTENTIATORS TARGETING SOS INDUCTION	\$300,000
2009	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI081547	DYNAMIC HIV-1 ESCAPE FROM CCR5 ANTAGONISM IN VITO	\$151,942
2009	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$809,785
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070820	THE ROLE OF TIM-1: TIM-4 PATHWAY IN ALLOGRAFT REJECTION AND TOLERANCE	\$412,756
2009	SPRING BANK TECHNOLOGIES INC	MA	R43AI084186	DINUCLEOTIDE ISOMER AS A NOVEL ANTIVIRAL	\$300,000
2009	TUFTS UNIVERSITY	MA	R21AI076687	HIGH THROUGHPUT SCREENING FOR ANTI-FUNGAL DRUGS THAT INHIBIT MRNA POLYADENYLATION	\$247,500
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI081675	VIRUS INDUCED IMMUNOPATHOLOGY	\$410,000
2009	BOSTON UNIVERSITY	MA	R01AI074903	RESPIRATORY SYNCYTIAL VIRUS POLYMERASE PROTEIN AND PROMOTER INTERACTIONS	\$406,250
2009	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI080324	A DOUBLE-MIMETIC INHIBITOR OF HIV-1 ENTRY	\$449,500
2009	DETECTOGEN INC	MA	R43AI084259	ANTIGEN DETECTION ASSAY FOR THE DIAGNOSIS OF VISCERAL LEISHMANIASIS	\$282,180
2009	NORTHEASTERN UNIVERSITY	MA	R01AI085585	SUPER-PERSISTENT CELLS AND THE PARADOX OF UNTREATABLE INFECTIONS	\$1,008,498
2009	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$350,000
2009	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI076471	HTS FOR ENHANCERS OF NEUTROPHIL FUNCTION THAT SPECIFICALLY AUGMENT PIP3 SIGNAL	\$381,750
2009	UNIVERSITY OF MASSACHUSETTS	MA	R01AI084800	HIV VACCINE DEVELOPMENT USING HUMANIZED MICE	\$338,656
2009	BETH ISRAEL HOSPITAL	MA	R01AI084794	IMPACT OF HIV ENVELOPE CONFORMATION ON IMMUNOGENICITY	\$858,181
2009	IMMUNETICS, INC	MA	R43AI080004	REVERSE LINE BLOT FOR DIAGNOSIS OF INFECTIVE ENDOCARDITIS	\$300,000
2009	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R56AI082589	MOLECULAR BIOMARKERS FOR MALARIA	\$974,388
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007056	BASIC AND CLINICAL IMMUNOLOGY	\$235,647
2009	JOHNS HOPKINS UNIVERSITY	MD	K08AI064229	MODELING LATENT TB INFECTION	\$142,851
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI065853	ROLES OF LIPOATE PATHWAYS IN PLASMODIUM SURVIVAL	\$390,546
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI069447	INSTITUTE OF HUMAN VIROLOGY CLINICAL TRIALS UNIT	\$893,454
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI046438	LIVER MEMORY CD8 T CELLS IN PROTECTION TO MALARIA	\$355,378

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2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065760	IMMUNE RESPONSES TO BIODEFENSE VACCINES EARLY IN LIFE	\$437,396
2009	UNIVERSITY OF MARYLAND	MD	R01AI055576	INNATE AND ADAPTIVE IMMUNE RESPONSES TO LEISHMANIA	\$310,793
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI037606	MOLECULAR BASIS OF LOCALIZED ADHERENCE IN E. COLI	\$274,603
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$2,510,945
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI044824	CLINICAL TRIAL OF CHLOROQUINE COMBINATIONS IN MALAWI	\$251,120
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI047938	PSEUDOMONAS AERUGINOSA LIPID A	\$321,486
2009	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,199,668
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$303,996
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI069568	STAPHYLOCOCCUS AUREUS BIOFILMS: IN VITRO AND IN VIVO STUDIES	\$364,196
2009	JOHNS HOPKINS UNIVERSITY	MD	K08AI071072	MODIFIED AUTOANTIGENS ENGAGE THE INNATE IMMUNE RESPONSE IN SYSTEMIC AUTOIMMUNITY	\$129,006
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$410,000
2009	UNIVERSITY OF MARYLAND	MD	R01AI065892	TRANSCYTOSIS OF IGG IN GENITAL INFECTIONS	\$254,937
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI078655	VALIDATING METABOLIC PATHWAYS IN THE INTRACELLULAR PATHOGEN CHLAMYDIA TRACHOMATIS	\$50,054
2009	JOHNS HOPKINS UNIVERSITY	MD	K08AI074907	MOLECULAR EPIDEMIOLOGY OF PRIMARY CMV INFECTION	\$134,493
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079984	GENETIC DETERMINANTS OF FOOD ALLERGY AMONG PEDIATRIC POPULATIONS	\$123,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI071821	HIV-1 SUBTYPE B TRANSMISSION IN A HETEROSEXUAL INCIDENT COHORT	\$225,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI070823	FUNCTION OF NADPH OXIDASE(S) IN T LYMPHOCYTES	\$294,300
2009	SOCIETY FOR LEUKOCYTE BIOLOGY	MD	R13AI080045	41ST ANNUAL MEETING OF THE SOCIETY FOR LEUKOCYTE BIOLOGY	\$10,000
2009	JOHNS HOPKINS UNIVERSITY	MD	K22AI077707	GLYCOBIOLOGICAL ANALYSIS OF PLASMODIUM-VECTOR HOST INTERACTIONS	\$162,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI078365	INTEGRIN CD11B AND ITS ROLE IN IMMUNE SUPPRESSION	\$225,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R56AI028855	TOPOISOMERASES: TARGET FOR ANTITRYPANOSOMAL THERAPY	\$410,000

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2009	UNIVERSITY OF MARYLAND	MD	R01AI072584	MECHANISM OF HOST CELL APOPTOSIS INHIBITION BY MYCOBACTERIUM TUBERCULOSIS	\$427,883
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$399,400
2009	UNIVERSITY OF MARYLAND	MD	R21AI076684	FUNCTION OF SELECTED VECTOR-INDUCED B. BURGDORFERI GENE-PRODUCTS	\$221,250
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059118	GENERATION OF GENETICALLY ATTENUATED RICKETTSIAE	\$425,803
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI052468	IMMUNOGENETIC ANALYSIS OF HUMAN IMMUNE RESPONSE TO ALLERGENS	\$410,000
2009	JOHNS HOPKINS UNIVERSITY	MD	K23AI068582	DOT-HARRT FOR HIV-INFECTED SOUTH AFRICAN ADULTS	\$129,060
2009	AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH	MD	R01AI063480	A GENE MAP FOR BIOMPHALARIA GLABRATA, A S. MANSONI HOST	\$567,603
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI065612	MICROBIAL RECOGNITION BY INNATE IMMUNE RECEPTORS	\$276,259
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI070630	MOUSE ALLERGEN AND INNER-CITY ASTHMA	\$390,546
2009	JOHNS HOPKINS UNIVERSITY	MD	K01AI066994	EPIDEMIOLOGIC STRATEGIES FOR TUBERCULOSIS CONTROL	\$117,938
2009	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI066870	LYMPHOCYTES AND THE IMMUNE SYSTEM MOLECULAR, CELLULAR AND INTERACTIVE MECHANISMS	\$13,999
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI019716	DEVELOPMENT OF A LIVE ORAL CHOLERA VACCINE	\$436,324
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI071820	HEPATITIS B TREATMENT AND HIV INFECTION IN RESOURCES LIMITED SETTINGS	\$403,334
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$708,494
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI070638	DEVELOPMENT OF AN ADHESIN-TOXOID CHIMERA VACCINE FOR ENTEROTOXIGENIC E. COLI	\$1,323,145
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067954	IMMUNOLOGIC DETERMINANTS OF SCHISTOSOMA-MEDIATED RESISTANCE TO MALARIA IN HUMANS	\$253,811
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI070346	DEV. OF OPTIMIZED/ADJUVANTED SMALLPOX DNA VACCINE (GENE GUN)	\$528,409
2009	JOHNS HOPKINS UNIVERSITY	MD	K01AI071754	BIOMARKERS, THERAPY, AND MORTALITY IN THE EVOLVING HIV EPIDEMIC	\$130,458
2009	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$28,739,656
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI078835	STATISTICAL METHODS FOR HIV/AIDS RESEARCH	\$404,286

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2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI070018	IMMUNE RECONSTITUTION OF HIV-1 INFECTED ZAMBIAN CHILDREN INITIATING ANTIRETROVIRA	\$357,663
2009	GENVEC INC	MD	R43AI077309	NOVEL AD5 MALARIA VACCINE THAT CIRCUMVENTS PRE-EXISTING AD5 IMMUNITY	\$299,660
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI070486	ANTHRAX IMMUNE GLOBULIN TO PREVENT & TREAT ANTHRAX: ADVANCED PRODUCT DEVELOPMENT	\$34,029
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI061482	MOLECULAR BASIS OF HUMAN NEUTROPHIL A-DEFENSIN FUNCTION	\$348,812
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI077910	BIVALENT RECOMBINANT LHN BOTULINUM VACCINE (SEROTYPES A AND B)	\$694,454
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI074005	TESTING MODIFIED APPROACHES TO INFORMED CONSENT	\$205,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI073619	DEVELOPMENT OF A MALARIA DNA VACCINE WITH ENHANCED IMMUNOGENICITY	\$205,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	UH2AI083264	THE MICROBIAL ECOLOGY OF BACTERIAL VAGINOSIS: A FINE SCALE RESOLUTION METAGENOMIC	\$987,891
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI080541	NOVEL STRATEGY TO MITIGATE AND TREAT RADIATION COMBINED INFECTION INJURY BY TARGET	\$205,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI082612	FIRING UP NEW TREATMENTS AGAINST MYCOBACTERIUM ULCEERANS DISEASE (BURULI ULCER)	\$410,000
2009	UNIVERSITY OF MARYLAND	MD	R21AI079429	VECTOR BIOLOGY-USING A MOSQUITO PATHOGEN AS A DELIVERY SYSTEM FOR ANTI-MALARIAL A	\$205,500
2009	PROTEIN POTENTIAL LLC	MD	R43AI077260	RECOMBINANT PLASODIUM FALCIPARUM CELTOS VACCINE	\$292,665
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI082246	CYTOMEGALOVIRUS DEUBIQUITINASE PUL48: IDENTIFYING SUBSTRATE AND INHIBITORS	\$205,000
2009	JOHNS HOPKINS UNIVERSITY	MD	F31AI080161	DISSECTION OF THE MOSQUITO Aedes Aegypti's IMMUNE RESPONSES TO DENGUE INFECTION.	\$40,970
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI078980	MOTOR PROTEIN REGULATION OF T CELL RECEPTOR SIGNALING	\$410,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI082587	SMALL MOLECULE PROTEIN-GLYCAN INHIB. AS MALARIA TRANSMISSION-BLOCKING THERAPEUTIC	\$379,991
2009	GENVEC INC	MD	R44AI063819	PRODUCTION OF ADENOVECTOR BASED VACCINES	\$684,896
2009	FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY	MD	R13AI084313	SIGNAL TRANSDUCTION IN THE IMMUNE SYSTEM-FASEB SUMMER CONFERENCE	\$10,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI080417	Impact of Malnutrition on HIV Treatment Failure in Resource-Limited Settings	\$554,719
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI065529	REGULATORY NETWORKS OF HELICOBACTER PYLORI	\$374,742
2009	UNIVERSITY OF MARYLAND	MD	R01AI049383	MODULATING HOST RESPONSES TO BACTERIAL PRODUCTS	\$291,357
2009	LENTIGEN CORPORATION	MD	R43AI084310	A NOVEL METHOD OF GENERATING HEPATITIS C VIRUS-LIKE PARTICLES USING LENTIVIRUS	\$282,918
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI032074	THE EAE GENE CLUSTER OF ENTEROPATHOGENIC E. COLI	\$375,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI049316	GI NEMATODES AND GUT FUNCTIONAL RESPONSES TO INFLAMMATION	\$375,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI060990	RNA-BINDING PROTEIN HUR IN ALLERGIC INFLAMMATION	\$381,367
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI044129	ANTIGEN SPECIFIC MODULATION OF T CELL RESPONSES	\$305,094
2009	UNIVERSITY OF MARYLAND	MD	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$407,348
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067111	HIV-1 GLYCOPEPTIDES AS IMMUNOGENS	\$353,635
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,154,787
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI018797	DIFFERENTIATIVE SIGNALS FOR MACROPHAGE ACTIVATION	\$640,884
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$762,862
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI059733	GIARDIA DRUG TARGETS: STRUCTURE, FUNCTION AND INHIBITORS	\$568,876
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066335	MECHANISMS OF GALT KO LUNG XENOGRAFT INJURY	\$459,447
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI044063	MODE OF ACTION OF PYRAZINAMIDE IN TUBERCLE BACILLUS	\$305,094
2009	JOHNS HOPKINS UNIVERSITY	MD	R37AI023764	CELL BIOLOGY OF IMMUNE INTERACTIONS	\$453,136
2009	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI069760	FASEB SUMMER CONFERENCE ON MICROBIAL POLYSACCHARIDES	\$1
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI065683	MALARIA VACCINE TRIALS IN MALI	\$912,060
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTION	\$8,866,773
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecular Mechanisms of Immune Inflammatory Reactions	\$587,867
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069497	BYRAMEE JEEJEEBHOY MEDICAL COLLEGE (BJMC), PUNE, INDIA: CLINICAL TRIALS UNIT	\$1,001,920

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2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$559,014
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$402,210
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI077757	MECHANISMS OF IMMUNE EVASION BY HEPATITIS C VIRUS	\$403,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI079590	PK/PD EVALUATION RESISTANCE DEVELOPMENT IN CASEATING GRANULOMA	\$633,491
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$402,210
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI077610	A central role for mTOR in Determining T Cell Activation versus Tolerance	\$410,000
2009	A&G PHARMACEUTICAL INC	MD	R43AI079973	NOVEL SMALL MOLECULE INHIBITOR OF RHEUMATOID ARTHRITIS	\$184,029
2009	UNIVERSITY OF MARYLAND	MD	R01AI080615	BORRELIA GENE PRODUCTS CRITICAL FOR NATURAL INFECTION CYCLE	\$375,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI081600	INTERMOLECULAR COOPERATIVITY IN THE ACTION OF ANTIVIRAL AGENTS	\$287,000
2009	IMQUEST BIOSCIENCES INC	MD	R33AI076967	RATIONAL DEVELOPMENT OF COMBINATION MICROBICIDE THERAPIES	\$435,378
2009	SEQUELLA, INC	MD	R43AI071664	ADVANCING LEAD DIPIPERIDINE COMPOUND INTO PRECLINICAL DEVELOPMENT	\$305,054
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$384,750
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$449,991
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI057481	PROTEIN REDISTRIBUTION IN TCR-DIRECTED NF-KB ACTIVATION	\$324,701
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI045774	PLASMODIUM FALCIPARUM METAL METABOLISM	\$325,276
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$443,970
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI063184	DENDRITIC CELLS AND IGE IN ASTHMA	\$381,367
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI044375	EFFECTOR AND MEMORY ANTI-MALARIA CD8+ CELL RESPONSES	\$519,898
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$343,232
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$527,312
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$306,780
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R37AI036900	STRUCTURE AND FUNCTION OF T CELL ANTIGEN RECEPTORS	\$310,793

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2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI064070	HIGHLY EFFECTIVE NEUTRALIZING ANTIBODIES AGAINST SHIV	\$536,001
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069518	THE MALAWI CLINICAL TRIALS UNIT	\$9,831,792
2009	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$698,007
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$381,367
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI067530	BIOCHEMISTRY OF PHENAZINE PRODUCTION IN PSEUDOMONAS AERUGINOSA	\$282,907
2009	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI065123	FASEB SUMMER CONFERENCE ON 'AUTOIMMUNITY'	\$10,000
2009	UNIVERSITY OF MARYLAND	MD	R01AI064307	CHARACTERIZATION OF THE SARSCOV FRAMESHIFT SIGNAL	\$378,969
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI065759	IMMUNOLOGICAL CORRELATES OF PROTECTION IN SHIGELLOSIS	\$161,334
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI068508	MECHANISMS FOR SIV EVASION OF VACCINE IMMUNITY: ROLE OF FASL-MEDIATED CELL DEATH	\$580,972
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI068961	RECOMBINANT YELLOW FEVER 17D-LASSA VACCINE	\$454,956
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$216,234
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$392,500
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007540	Immunity and Infection	\$132,803
2009	IMQUEST BIOSCIENCES INC	MD	U19AI077289	LONG ACTING ACCEPTABLE MICROBICIDES: NOVEL DELIVERY, ACTIVITY AND PHARMACODYNAMIC	\$1,389,746
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079853	IMMUNE CELL RESPONSES IN FOOD HYPERSENSITIVITY	\$205,000
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$183,987
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$337,500
2009	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$241,326
2009	JOHNS HOPKINS UNIVERSITY	MD	P01AI072677	ANTIGEN RECEPTOR INPUTS: LINKING STRUCTURAL, MOLECULAR, AND CELLULAR RESPONSES	\$1,982,091
2009	ARIA VAX INC	MD	R43AI078861	HIV THERAPEUTIC VACCINE CONCEPT	\$299,504
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$380,567
2009	CELLEX INC	MD	R43AI082728	A NOVEL INFLUENZA NEURAMINIDASE INHIBITION ASSAY	\$271,035

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2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$402,210
2009	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB	\$1,031,598
2009	GENVEC INC	MD	R43AI082771	DEVELOPMENT OF AN AD14 VACCINE	\$245,777
2009	JOHNS HOPKINS UNIVERSITY	MD	R03AI078358	CMV REPLICATION DURING PRIMARY INFECTION IN LUNG TRANSPLANT RECIPIENTS	\$82,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI083125	REGULATORY NETWORKS INVOLVED IN MYCOBACTERIUM TUBERCULOSIS PERSISTENCE	\$539,085
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI080553	CIPROFLOXACIN ENHANCES DNA REPAIR CAPACITY AFTER RADIATION COMBINED INJURY	\$163,987
2009	APARNA BIOSCIENCES CORPORATION	MD	R43AI079998	DUAL ANTIGEN NANOPARTICLE VACCINE SYSTEM FOR BACILLUS INFECTIOUS DISEASE	\$367,609
2009	SEQUELLA, INC	MD	R43AI084211	SQ641, NEW DRUG CANDIDATE TO TREAT NTM INFECTIONS	\$294,661
2009	AKONNI BIOSYSTEMS INC	MD	R44AI072784	DIAGNOSTIC INFLUENZA RT-PCR ARRAY	\$999,468
2009	RADIX PHARMACEUTICALS INC	MD	R43AI077109	ISOLATION AND ANTIMALARIAL ACTIVITY OF SMALL MOLECULES FROM OCIMUM SANCTUM	\$300,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI063080	ROLE OF PERTUSSIS TOXIN IN BORDETELLA PERTUSSIS INFECTION	\$389,357
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$381,367
2009	VIRION SYSTEMS, INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$474,338
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI020253	REGULATION OF SECRETION FROM HUMAN BASOPHILS	\$437,209
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI049192	DENDRITIC AND T CELLS IN ANTI-BACTERIAL LG RESPONSES	\$324,701
2009	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R01AI063366	COMPUTATIONAL MODEL OF CELLULAR ADHESION IN BULK FLOWS	\$293,561
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069482	JOHNS HOPKINS UNIVERSITY-GUANGXI, CHINA CLINICAL TRIALS UNIT	\$1,094,909
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI070812	GENE DRIVE POTENTIAL OF TRANSPOSABLE ELEMENTS IN ANOPHELES GAMBIAE.	\$318,271
2009	JOHNS HOPKINS UNIVERSITY	MD	U19AI070345	EFFICACY OF IGE IN MEDIATING ALLERGIC REACTIONS IN VIVO	\$1,164,333
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$847,309
2009	SANARIA INC	MD	R43AI077262	IMPROVING PRODUCTION OF ATTENUATED MALARIA SPOROZOITE VACCINES THROUGH GENETIC MO	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI070594	A COMPARATIVE GENOMICS AND TRANSGENIC APPROACH TO REGULATION OF IL-10 EXPRESSION	\$402,210
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$244,745
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	F31AI077320	INFECTION WITH BORDETELLA PERTUSSIS EXACERBATES INFLUENZA INFECTION	\$30,030
2009	UNIVERSITY OF MARYLAND	MD	R01AI083397	West Nile virus interactions with the innate antiviral response	\$337,500
2009	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI076219	ROLE OF RNA SILENCING AS AN ANTIVIRAL DEFENSE MECHANISM IN FUNGI	\$375,000
2009	IMQUEST BIOSCIENCES INC	MD	R43AI084676	DEVELOPMENT OF PYRIMIDINEDIONE NNRTIS WITH A HIGH GENETIC BARRIER TO RESISTANCE	\$231,102
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079282	USING PROTEIN-DNA CHIMERAS FOR HAT DIAGNOSIS	\$233,200
2009	JOHNS HOPKINS UNIVERSITY	MD	K08AI081544	HIV, KUPFFER CELLS, AND HCV-RELATED LIVER FIBROSIS	\$128,845
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI076798	ROLE OF CHEMOKINES IN ASTRO-NEURONAL ACTIVATION IN CEREBRAL MALARIA	\$246,000
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI073627	NOVEL CARRIER FOR POLYSACCHARIDE CONJUGATES AND AN EBV VACCINE	\$230,850
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$288,623
2009	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$417,185
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI024656	MOLECULAR GENETIC ANALYSIS OF SHIGELLA PATHOGENICITY	\$382,500
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$287,000
2009	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$304,049
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069530	MAKERERE UNIV.-JOHNS HOPKINS UNIV. HIV CLINICAL TRIALS UNIT-KAMPALA, UGANDA	\$5,799,181
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI067632	INNATE ANTIVIRAL RESPONSE AND PREDISPOSITION TO NEOPLASIA IN IRF-5 DEFICIENT MOUS	\$390,546
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$351,491
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$252,138
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$160,083
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI067386	RICKETTSIA RICKETTI AND RICKETTSIA-LIKE ORGANISMS IN MARYLAND	\$205,000
2009	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$462,222

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2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI076942	CELLULAR THERAPY OF AUTOIMMUNITY USING ANTIGEN-EXPRESSING B CELLS	\$75,000
2009	UNIVERSITY OF MARYLAND	MD	R01AI068888	ROLE OF LOS AND OPA IN GONOCOCCAL HOST INTERACTIONS	\$327,777
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$620,472
2009	BACILLIGEN INC	MD	R21AI081162	DEVELOPMENT OF A BACTERIOPHAGE VACCINE VECTOR SYSTEM	\$308,986
2009	JOHNS HOPKINS UNIVERSITY	MD	K23AI081752	MRSA IN CHILDREN: EPIDEMIOLOGY, PATHOGENESIS, AND PREVENTION	\$134,325
2009	SEQUELLA, INC	MD	R44AI066442	NOVEL MYCOBACTERIAL TRANSLOCASE I INHIBITORS - A NEW CLASS OF ANTI-TB DRUGS	\$795,701
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI080328	CD8+ T CELL MEDIATED INHIBITION OF HIV-1 REPLICATION IN ELITE SUPPRESSORS	\$328,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI082655	Mucosal and Systemic Immunity, Vaccines and Microbiota Interplay in Humans	\$2,959,127
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI074594	ACUTE HIV INFECTION AND PREGNANCY	\$723,079
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$576,160
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI077394	RACIAL DISPARITY IN GAMMA/DELTA T CELLS	\$75,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI031478	Mechanisms of mosquito midgut invasion by Plasmodium ookinetes	\$410,000
2009	N & N SCIENTIFIC INC	MD	R43AI078540	N-METHANOCARBATHYMIDINE (N-MCT) FOR THE TREATMENT OF HERPES AND POX VIRUS INFECTI	\$300,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072732	INHIBITION OF ANTHRAX LETHAL FACTOR BY ALPHA-DEFENSINS	\$504,953
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI035622	Gene Therapeutic Approach for Tolerance Induction	\$375,000
2009	UNIVERSITY OF MARYLAND	MD	T32AI051967	MECHANISMS OF VIRUS REPLICATION AND GENE EXPRESSION	\$173,500
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069465	JOHNS HOPKINS AIDS CLINICAL TRIALS UNIT	\$1,603,399
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059775	REGULATION OF MYELOID DEVELOPMENT AND FUNCTION BY II-4	\$310,793
2009	JOHNS HOPKINS UNIVERSITY	MD	R37AI041908	HIV-1 GENE PRODUCTS/TARGETED/MHC II ANTIGEN PRESENTATION	\$402,210
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI066227	MODULATION OF SCHISTOSOME DEVELOPMENT BY T CELL SIGNALS	\$360,779
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,456,812
2009	MACROGENICS INC	MD	U01AI070504	COCKTAIL OF NEUTRALIZING MABS FOR SMALLPOX PREVENTION	\$1,847,366

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2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI072592	MEMORY T LYMPHOCYTE-MEDIATED INNATE IMMUNITY	\$361,989
2009	JOHNS HOPKINS UNIVERSITY	MD	T35AI065385	JOHNS HOPKINS SHORT TERM TRAINING GRANT IN INFECTIOUS AND TROPICAL DISEASES IN PE	\$63,303
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$479,503
2009	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$282,907
2009	UNIVERSITY OF MARYLAND	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$1
2009	UNIVERSITY OF MARYLAND	MD	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$367,875
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$1,502,251
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI070921	GENOMIC TOOLS FOR STUDYING THE ECOLOGY OF THE HUMAN VAGINAL MICROFLORA	\$661,932
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$727,936
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI074790	A LASSA VACCINE IN PRIMATES WITH AIDS	\$225,000
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI077995	VACCINES AND THERAPEUTICS FOR NIPAH AND HENDRA VIRUS	\$1,075,508
2009	JOHNS HOPKINS UNIVERSITY	MD	F31AI080187	ACCEPTABILITY AND FEASIBILITY OF THE HPV VACCINE SCHEDULE IN FEMALE SEX WORKERS	\$41,176
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K22AI077797	INHIBITION OF THE INNATE IMMUNE RESPONSE BY THE SARS CORONAVIRUS	\$158,270
2009	JOHNS HOPKINS UNIVERSITY	MD	F32AI080094	IDENTIFYING NOVEL FUNGAL VIRULENCE FACTORS IN CANDIDA GLABRATA	\$50,054
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI080668	DETERMINANTS OF PLASMODIUM LIVER INVASION	\$369,000
2009	IMQUEST BIOSCIENCES INC	MD	R43AI082788	DEVELOPMENT OF NOVEL HEPATITS C VIRUS INHIBITORS	\$141,369
2009	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$999,910
2009	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI084303	FASEB SUMMER RESEARCH CONFERENCE "MICROBIAL PATHOGENESIS: MECHANISMS OF INFECTIO	\$10,000
2009	PLANTVAX INC	MD	R43AI081621	PASSIVE IMMUNOTHERAPY USING PLANT-DERIVED BROADLY HIV-1 NEUTRALIZING MABS TO PREV	\$256,501
2009	JOHNS HOPKINS UNIVERSITY	MD	K23AI080842	PK/PD ISSUES IN THE USE OF NEW THERAPIES FOR THE TREATMENT OF TUBERCULOSIS	\$133,574

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2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI082695	DIAGNOSIS OF GAMBIENSE HAT	\$426,762
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI084044	Ecopathogenomics of sexually transmitted infections (EPSTI)	\$2,364,573
2009	JOHNS HOPKINS UNIVERSITY	MD	K23AI083100	FORESKIN MUCOSAL CELLULAR CONSTITUENTS & EFFECTS OF CIRCUMCISION ON HIV/STI RISK	\$134,085
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI071015	EPIDEMIOLOGY OF RESISTANT BACTERIA IN ACUTE-CARE AND LONG-TERM CARE FACILITIES	\$127,592
2009	GENVEC INC	MD	R43AI077147	PRECLINICAL TESTING OF AN ADENOVIRAL VECTOR BASED HSV-2 VACCINE	\$300,000
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI038281	Rho-modifying Cytotoxic Necrotizing Factor of E. coli	\$382,500
2009	JOHNS HOPKINS UNIVERSITY	MD	K24AI001637	CLINICAL RESEARCH IN TUBERCULOSIS	\$155,375
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI064826	IDENTIFICATION OF NOVEL IMMUNE CELL- THE NKDC	\$390,546
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$310,793
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI053668	Entry Mechanisms used by a model retrovirus	\$375,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$375,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI061382	MATURATION FUNCTIONS OF THE HSV-1 TEGUMENT	\$390,432
2009	BACILLIGEN INC	MD	R01AI055367	OPTIMIZATION OF SALMONELLE-HIV-1 DNA VACCINE VECTORS	\$250,370
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$3,410,864
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI065983	CELLULAR BASIS FOR THE ANTIFUNGAL ACTIVITY OF AMIODARONE	\$416,270
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$266,958
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI064372	VIRUS-LIKE PARTICLE VACCINE FOR SARS-COV	\$390,546
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059223	SHIGELLA DYSENTERIAE VACCINE CONSTRUCTION	\$353,635
2009	UNIVERSITY OF MARYLAND	MD	R01AI059617	THE ACTIN CYTOSKELETON IN BETA CELL ACTIVATION	\$247,544
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI038985	MOLECULAR MECHANISMS OF IL-4 AND IL-13 SIGNALING	\$353,635
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI067710	IMMUNE RECONSTITUTION TO ASPERGILLUS	\$358,641
2009	JOHNS HOPKINS UNIVERSITY	MD	U19AI045432	INNOVATIVE APPROACHES TO TUBERCULOSIS CONTROL	\$876,125
2009	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$561,179

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2009	GENVEC INC	MD	R43AI075686	ADENOVIRUS VECTORS FOR RESPIRATORY SYNCYTIAL VIRUS VACCINATION	\$300,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI077907	UTILITY OF PLASMIDS IN STUDYING NUCLEAR ORGANIZING EFFECTS	\$205,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI067468	TLR4 MUTATIONS: MOLECULAR MECHANISMS OF IMPAIRED LPS SENSITIVITY	\$225,000
2009	RADIX PHARMACEUTICALS INC	MD	R43AI081308	PRE-CLINICAL EVALUATION OF ANTIMALARIAL NATURAL PRODUCTS FROM CARICA PAPAYA L.	\$290,628
2009	JOHNS HOPKINS UNIVERSITY	MD	U01AI075115	CIRCUMCISION: HIV/STIS AND BEHAVIORS IN A RCT AND POST-RCT SURVEILLANCE; RAKAI	\$1,408,484
2009	UNIVERSITY OF MARYLAND	MD	R01AI073667	GENETIC VARIATION IN GENES INVOLVED IN NEISSERIA GONORRHOEAE LOS BIOSYNTHESIS	\$250,000
2009	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI082105	CAPSULE CONJUGATE VACCINES AGAINST CAMPYLOBACTER JEJUNI	\$309,797
2009	GENVEC INC	MD	R43AI084269	HIGH THROUGHPUT GENOMICS SCREENING FOR MALARIA ANTIGEN DISCOVERY	\$300,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI081562	CHOLESTEROL UPTAKE BY CRYPTOSPORIDIUM	\$205,000
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K24AI079040	K24 Clinical research in Antimicrobial Resistance and Hospital Epidemiology	\$180,005
2009	JOHNS HOPKINS UNIVERSITY	MD	R01AI079175	Development of CMV-specific T Cell Memory in Lung Transplant Recipients	\$410,000
2009	JOHNS HOPKINS UNIVERSITY	MD	R21AI079794	DEVELOPMENT OF TRANSFORMED LACTOBACILLI AS A MICROBICIDE	\$199,668
2009	IMQUEST BIOSCIENCES INC	MD	R21AI079772	DEVELOPMENT OF A NOVEL SEMEN-ACTIVATED PRODRUG AS AN ANTI-HIV MICROBICIDE	\$186,236
2009	NOVAVAX, INC	MD	R43AI084212	DEVELOPMENT OF A VIRUS-LIKE PARTICLE (VLP) VACCINE FOR RSV	\$246,812
2009	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI083865	PLASMODIUM INDUCED NEW PERMEATION PATHWAYS DURING HEPATOCYTE INFECTION	\$75,000
2009	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	K25AI065459	THE ROLE OF RAFTS IN VIRUS-INDUCED MEMBRANE REMODELING	\$139,338
2009	JACKSON LABORATORY (THE)	ME	K08AI060707	NOVEL GENE CONTROL OF LYMPHOID TISSUE DEVELOPMENT	\$104,130
2009	UNIVERSITY OF MICHIGAN	MI	R01AI073677	Immune regulation by thymocyte-selected CD4 T cells	\$273,233
2009	UNIVERSITY OF MICHIGAN	MI	R01AI051192	MOLECULAR MECHANISMS OF HIV DISEASE PATHOGENESIS	\$457,435
2009	UNIVERSITY OF MICHIGAN	MI	R01AI061531	MECHANISM OF A5P ISOMERASE	\$361,970
2009	UNIVERSITY OF MICHIGAN	MI	R01AI047173	TARGETED SUBCELLULAR DELIVERY OF OLIGONUCLEOTIDES AND PROTEINS	\$286,811
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$282,806

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2009	MICHIGAN STATE UNIVERSITY	MI	K23AI079402	USING PRIMARY ENDOTHELIALS AND PARASITE ISOLATES TO STUDY SEQUESTRATION IN MALARIA	\$134,514
2009	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI064634	CHROMATIN AND COACTIVATORS IN HSV-1 GENE REGULATION	\$357,084
2009	GRAND VALLEY STATE UNIVERSITY	MI	R15AI082416	Biochemical and structural analysis of emerging resistance threats in Acinetobacter baumannii	\$195,134
2009	UNIVERSITY OF MICHIGAN	MI	R21AI079539	CURCUMIN: A MULTI-MECHANISM HIV MICROBICIDE	\$180,160
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI080597	ENDOSYMBIONT, ARBOVIRUS & MOSQUITO INTERACTIONS AND THE DISEASE CONTROL	\$354,517
2009	RAPID BIOSENSE LLC	MI	R43AI081397	RAPID, LOW COST, POINT-OF-CARE DIAGNOSTIC DEVICE FOR GROUP B STREPTOCOCCUS	\$185,184
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI034969	CLINICOPATHOLOGICAL CORRELATES OF CEREBRAL MALARIA	\$363,048
2009	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$279,700
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI061471	GENETIC & EPIDEMIOLOGIC COHORT STUDY OF ASTHMA & ALLERGY	\$362,799
2009	UNIVERSITY OF MICHIGAN	MI	R01AI073847	ASSEMBLY OF CURLI FIBERS BY ESCHERICHIA COLI	\$356,620
2009	UNIVERSITY OF MICHIGAN	MI	R01AI046675	Microneme function in toxoplasma	\$282,430
2009	NANOVIR LLC	MI	R42AI062182	PRE-CLINICAL HPV16 ANTIVIRAL COMPOUND DEVELOPMENT	\$977,163
2009	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCs IN MODULATING DONOR NATURAL TREGs MEDIATED SUPPRESSION OF GVHD	\$372,336
2009	WAYNE STATE UNIVERSITY	MI	R03AI076568	SEGMENTED EXPRESSION OF A HUMAN CYTOMEGALOVIRUS-ENCODED HEPTASPANNING PROTEIN	\$75,250
2009	HENRY FORD HEALTH SYSTEM	MI	R01AI079139	PHARMACOGENOMICS OF INHALED CORTICOSTEROID RESPONSIVENESS IN PATIENTS WITH ASTHMA	\$723,765
2009	AUREOGEN BIOSCIENCES INC	MI	R43AI075829	GENERATION OF NOVEL HCV DRUGS THROUGH ENGINEERING OF THE CSSA GENE	\$300,000
2009	UNIVERSITY OF MICHIGAN	MI	R01AI043363	MOLECULAR PATHOGENESIS OF E. COLI UTI	\$341,821
2009	UNIVERSITY OF MICHIGAN	MI	R01AI060983	LIPID RAFT MICRODOMAINS IN NEUTROPHIL FUNCTION	\$361,970
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$269,461
2009	UNIVERSITY OF MICHIGAN	MI	R01AI047450	MECHANISTIC STUDIES OF PRO-APOPTOTIC BENZODIAZEPINES	\$325,772
2009	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$337,444

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2009	UNIVERSITY OF MICHIGAN	MI	R21AI080276	NON-VIRAL RNAS IN HIV-1 PARTICLES	\$193,125
2009	MICHIGAN STATE UNIVERSITY	MI	K22AI080937	CHARACTERIZATION OF THE CYCLIC DI-GMP SIGNALING SYSTEM OF VIBRIO CHOLERAE	\$162,000
2009	UNIVERSITY OF MICHIGAN, SCHOOL OF MEDICINE	MI	K08AI071090	MECHANISMS OF INTRASPECIES COMPETITION IN STREPTOCOCCUS PNEUMONIAE.	\$133,920
2009	UNIVERSITY OF MICHIGAN	MI	R01AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$252,000
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064668	COORDINATION OF SIGNALING DURING PHAGOCYTOSIS	\$284,630
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$380,000
2009	UNIVERSITY OF MICHIGAN	MI	R01AI068645	CLONING A MAJOR GENE FOR MOUSE ADENOVIRUS SUSCEPTIBILITY	\$356,772
2009	UNIVERSITY OF MICHIGAN	MI	R01AI044115	Influences of HLA Class I Polymorphisms on immune responses	\$160,903
2009	MICHIGAN STATE UNIVERSITY	MI	F32AI080136	HIGH RESOLUTION STRUCTURE OF THE HIV GP41 PROTEIN	\$50,054
2009	UNIVERSITY OF MICHIGAN	MI	R21AI079325	CHOLINE PHOSPHOTRANSFERASE-DEPENDENT PHOSPHOLIPID SYNTHESIS IN TREPONEMA	\$152,000
2009	WAYNE STATE UNIVERSITY	MI	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$332,383
2009	WAYNE STATE UNIVERSITY	MI	R21AI078147	ANALYSIS OF THE VIRULENCE MECHANISM OF A LANTIBIOTIC LOCUS	\$217,600
2009	AMERICAN AUTOIMMUNE RELATED DISEASES ASSOCIATION	MI	R13AI076026	IMMUNODEFICIENCIES AND AUTOIMMUNE DISEASES (A SCIENTIFIC COLLOQUIUM)	\$7,000
2009	UNIVERSITY OF MICHIGAN	MI	R01AI066131	CALRETICULIN'S FUNCTIONS IN THE ADAPTIVE IMMUNE RESPONSE	\$351,121
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064748	ROLE OF IPAF IN INFLAMMATION AND HOST DEFENSE	\$310,351
2009	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$241,084
2009	UNIVERSITY OF MICHIGAN	MI	R01AI078752	HIV RISK DYNAMICS, GENETIC PATTERNS, AND CONTROL	\$458,940
2009	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$374,845
2009	WAYNE STATE UNIVERSITY	MI	R21AI075239	INHIBITORS OF POLYMERASE/PROCESSIVITY FACTOR INTERACTION AS ANTI-CMV AGENTS	\$182,065
2009	MICHIGAN STATE UNIVERSITY	MI	K02AI080225	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1	\$103,751
2009	UNIVERSITY OF MICHIGAN	MI	R01AI063263	Proteolytic modulation of toxoplasma invasion proteins	\$379,912
2009	TSRL, INC	MI	R43AI081396	PRODRUGS OF NEURAMINIDASE INHIBITORS FOR INCREASED ORAL BIOAVAILABILITY	\$185,621
2009	MICHIGAN STATE UNIVERSITY	MI	R21AI079430	ROLE OF ABHI'S AP ENDONUCLEASE ACTIVITY IN IMMUNOGLOBULIN GENE DIVERSIFICATION	\$190,000

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2009	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$330,128
2009	UNIVERSITY OF MICHIGAN	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$372,200
2009	HENRY FORD HEALTH SYSTEM	MI	K01AI070606	REGULATORY T CELLS IN GESTATION AND CHILDHOOD ALLERGIC DISEASE	\$109,204
2009	UNIVERSITY OF MICHIGAN	MI	R01AI044212	ANALYSIS OF L. PNEUMOPHILIA VIRULENCE REGULATION	\$240,809
2009	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$621,101
2009	UNIVERSITY OF MICHIGAN	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$331,138
2009	UNIVERSITY OF MICHIGAN	MI	U01AI069491	CLINICAL OUTCOMES OF LIVE ORGAN DONORS - DATA COORDINATING CENTER	\$534,955
2009	UNIVERSITY OF MICHIGAN	MI	T32AI049816	INTERDISCIPLINARY TRAINING PROGRAM IN INFECTIOUS DISEASES	\$174,875
2009	UNIVERSITY OF MICHIGAN	MI	R01AI062248	CXC CHEMOKINES AND HIV PATHOGENESIS	\$355,788
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI060761	ARABIDOPSIS BASAL INNATE IMMUNITY TO BACTERIAL INFECTION	\$346,440
2009	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$374,689
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$323,629
2009	UNIVERSITY OF MICHIGAN	MI	R01AI057505	PROTECTION OF MICE FROM LETHAL ALPHAVIRUS ENCEPHALITIS	\$287,594
2009	UNIVERSITY OF MICHIGAN	MI	R01AI075087	REGULATION OF VIBRIO CHOLERAE VIRULENCE BY TOXR AND TCPP	\$287,940
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$380,800
2009	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$349,835
2009	UNIVERSITY OF MICHIGAN	MI	R01AI080611	Mechanisms of Norovirus Entry	\$373,922
2009	UNIVERSITY OF MICHIGAN	MI	R21AI067011	DEVELOPMENT OF NEF INHIBITORS	\$151,553
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$367,412
2009	UNIVERSITY OF MICHIGAN	MI	R01AI073876	TLR AND NOTCH LIGAND IN RSV-INDUCED DISEASE	\$372,200
2009	TSRL, INC	MI	U01AI061457	ORAL ANTIVIRAL PRODRUGS FOR BIODEFENSE INITIATIVE	\$1,114,210
2009	UNIVERSITY OF MICHIGAN	MI	R01AI062749	VIRUS-HOST INTERACTIONS IN REPLICATION COMPLEX ASSEMBLY	\$282,770
2009	UNIVERSITY OF MICHIGAN	MI	R01AI064479	ROLE OF FUNGAL MICROFLORA IN MUCOSAL TOLERANCE/IMMUNITY	\$351,055
2009	UNIVERSITY OF MICHIGAN	MI	R01AI076057	DNA SEQUENCES INVOLVED IN THE HEAVY CHAIN SWITCH	\$371,968

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2009	UNIVERSITY OF MICHIGAN	MI	R01AI064540	USE OF HOST DERIVED LIPOATE BY LISTERIA MONOCYTOGENES	\$254,401
2009	MICHIGAN STATE UNIVERSITY	MI	U01AI045955	REDEFINING CEREBRAL MALARIA	\$436,435
2009	UNIVERSITY OF MICHIGAN	MI	R01AI065543	PGE2 REGULATION OF HOST DEFENSE POST-BMT	\$400,324
2009	WAYNE STATE UNIVERSITY	MI	R21AI076591	DEVELOPMENT OF THE HUMAN CYTOMEGALOVIRUS ASSEMBLY COMPLEX	\$188,125
2009	UNIVERSITY OF MICHIGAN	MI	R01AI069383	COLONIZATION AND PATHOGENICITY DETERMINANTS OF C. JEJUNI	\$374,183
2009	MICHIGAN STATE UNIVERSITY	MI	R01AI081817	Targeted DNA cleavage at switch regions in immunoglobulin class switch recombination	\$297,760
2009	UNIVERSITY OF MICHIGAN	MI	R01AI081062	ONTOLOGY-BASED INFORMATION NETWORK TO SUPPORT VACCINE RESEARCH	\$270,375
2009	UNIVERSITY OF MICHIGAN	MI	R01AI087128	DEK AND TNF INHIBITORS IN JUVENILE ARTHRITIS	\$386,250
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$339,750
2009	UNIVERSITY OF MINNESOTA	MN	R01AI045990	REOVIRUS PROTEIN S3:STRUCTURAL AND REGULATORY FUNCTIONS	\$304,376
2009	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$339,975
2009	UNIVERSITY OF MINNESOTA	MN	R01AI063340	GENE THERAPY FOR ATHABASCAN SCID	\$306,066
2009	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$346,105
2009	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$127,883
2009	UNIVERSITY OF MINNESOTA	MN	U01AI070380	DEVELOPING EPICUTANEOUS VACCINE APPROACHES FOR PROTECTIVE IMMUNITY	\$378,816
2009	UNIVERSITY OF MINNESOTA	MN	R01AI064054	ROLE OF RIM 101 IN RESPONSE TO ALKALINE PH AND VIRULENCE	\$340,199
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI079219	EOSINOPHIL PEROXIDASE IN ALLERGIC INFLAMMATION	\$447,095
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI083234	Anthrax Toxin Lethal Factor Inhibition Study	\$458,887
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI080928	BIODEGRADABLE NANOPARTICLES FOR TARGETED ANTIBIOTIC DELIVERY	\$391,855
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI081322	Optimizing Wolbachia manipulation in mosquito cell lines	\$323,523
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI078750	HIV IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME IN UGANDA	\$75,500
2009	UNIVERSITY OF MINNESOTA	MN	R01AI038474	Adapter proteins and integrin function	\$312,886
2009	UNIVERSITY OF MINNESOTA	MN	R01AI059340	FUNCTIONAL ANALYSIS OF CYTOMEGALOVIRUS TEGUMENT PROTEINS	\$284,812
2009	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$277,189
2009	UNIVERSITY OF MINNESOTA	MN	R01AI064271	PL 3-KINASE GAMMA & T CELL-MEDIATED ANTI-VIRAL RESPONSES	\$271,202

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2009	UNIVERSITY OF MINNESOTA	MN	R01AI031126	VERY LATE ANTIGEN INTEGRIN ACTIVITY ON T CELLS	\$312,751
2009	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	U01AI068641	INTERNATIONAL NETWORK FOR STRATEGIC INITIATIVES IN GLOBAL HIV TRIALS (INSIGHT)	\$11,371,583
2009	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,511,561
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,352,783
2009	UNIVERSITY OF MINNESOTA	MN	U01AI069550	CLINICAL CENTER - OUTCOMES OF LIVE ORGAN DONORS	\$602,692
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI081673	HTLV GAG TRAFFICKING IN LIVING CELLS	\$226,500
2009	UNIVERSITY OF MINNESOTA	MN	R01AI035796	LEUKOCYTE ADHESION IN ALLERGIC INFLAMMATION	\$323,629
2009	SYNTIRON LLC	MN	R43AI073052	NOVEL IMMUNOPROPHYLACTIC AGENTS AGAINST STAPHYLOCOCCUS AUREUS	\$300,000
2009	MAYO CLINIC	MN	R01AI040384	REGULATION OF HIV-MEDIATED CD4 T CELL APOPTOSIS	\$362,970
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI049424	DEVELOPMENT OF PARATRANSGENIC TICKS FOR DISEASE CONTROL	\$628,045
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$371,844
2009	UNIVERSITY OF MINNESOTA	MN	R13AI074121	AUTUMN IMMUNOLOGY CONFERENCE	\$8,000
2009	UNIVERSITY OF MINNESOTA	MN	U19AI067151	PIG TO NON-HUMAN PRIMATE ISLET XENOGRAFTS	\$1
2009	MAYO CLINIC	MN	R21AI076462	CONTROL OF INNATE IMMUNITY AND APOPTOSIS BY MEASLES VIRUS P, V AND C PROTEINS	\$264,425
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079354	IDENTIFICATION AND DEVELOPMENT OF GENETIC POLYMORPHISMS AS BIOMARKERS OF GRAFT VE	\$221,910
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079755	HEMATOPOIETIC STEM CELL TRANSPOSON THERAPY FOR SEVERE COMBINED IMMUNODEFICIENCY	\$226,500
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	K23AI073192	IMMUNE RECONSTITUTION SYNDROME IN HIV INFECTED PERSONS IN RESOURCE-LIMITED AREAS	\$132,624
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073366	STAPHYLOCOCCAL SUPERANTIGEN INTERACTIONS WITH VAGINAL EPITHELIUM	\$295,196
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI072068	NOVEL REGULATORS OF T CELL MRNA DECAY	\$332,384
2009	UNIVERSITY OF MINNESOTA	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$349,501
2009	UNIVERSITY OF MINNESOTA	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$405,143
2009	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$341,977

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2009	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	T32AI007432	GRADUATE TRAINING IN BIOSTATISTICS	\$142,963
2009	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$144,321
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$365,395
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$370,325
2009	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$339,975
2009	MAYO CLINIC	MN	R01AI075262	ROLE OF B CELLS IN PATHOGENESIS OF COLLAGEN-INDUCED ARTHRITIS IN HUMANIZED MICE	\$264,425
2009	UNIVERSITY OF MINNESOTA	MN	K22AI070152	A LINK BETWEEN MATING PHEROMONE SENSING AND VIRULENCE OF CRYPTOCOCCUS NEOFORMANS	\$107,000
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$366,649
2009	MAYO CLINIC	MN	R01AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$478,487
2009	UNIVERSITY OF MINNESOTA	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$307,445
2009	MAYO CLINIC	MN	R01AI048409	PHEROMONE SIGNALING IN PNEUMOCYSTIS CARINII	\$274,399
2009	UNIVERSITY OF MINNESOTA	MN	R01AI066018	MODULAR SUBUNIT VACCINE FOR SALMONELLA	\$320,414
2009	UNIVERSITY OF MINNESOTA	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$363,598
2009	UNIVERSITY OF MINNESOTA	MN	T32AI007313	Immunology Training Program	\$174,599
2009	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$866,429
2009	MAYO CLINIC	MN	R01AI034486	MECHANISMS OF EOSINOPHIL DEGRANULATION IN HUMAN DISEASE	\$352,444
2009	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$217,782
2009	UNIVERSITY OF MINNESOTA	MN	K08AI076520	INDUCTION OF APOPTOSIS IN T CELLS BY HERPES SIMPLEX VIRUS TYPE 2	\$135,054
2009	MAYO CLINIC	MN	R21AI078139	GENETIC COMPLEMENTATION SCREEN TO IDENTIFY NOVEL REGULATORS OF T CELL ACTIVATION	\$226,650
2009	MAYO CLINIC	MN	R03AI082703	BUILDING PARTNERSHIPS TO PROMOTE HEALTH IN LOW LITERACY POPULATIONS	\$37,775
2009	UNIVERSITY OF MINNESOTA	MN	R01AI057440	POLARITY ESTABLISHMENT MECHANISMS IN CANDIDA ALBICANS	\$360,199
2009	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$377,505
2009	UNIVERSITY OF MINNESOTA	MN	U01AI058013	LONG-TERM DETERIORATION OF KIDNEY ALLOGRAFT FUNCTION	\$1,822,996

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2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075096	CENTROMERE STRUCTURE AND FUNCTION IN CANDIDA ALBICANS	\$448,839
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$2,555,145
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R34AI081554	TRIAL FOR THE OPTIMAL TIMING OF HIV THERAPY AFTER CRYPTOCOCCAL MENINGITIS	\$180,000
2009	HUMANETICS CORPORATION	MN	R43AI082790	DEVELOPMENT OF CYSTEAMINE AS A MEDICAL RADIATION COUNTERMEASURE	\$300,000
2009	MAYO CLINIC	MN	R01AI065304	MUCOSAL REOVIRUS-ADENOVIRUS VACCINES AGAINST HIV-1	\$377,750
2009	UNIVERSITY OF MINNESOTA	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$528,060
2009	UNIVERSITY OF MINNESOTA	MN	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	\$322,221
2009	MAYO CLINIC	MN	R01AI048793	IMMUNOGENETIC MECHANISMS OF VACCINE RESPONSE	\$562,100
2009	UNIVERSITY OF MINNESOTA	MN	R01AI073685	GENETIC ASSOCIATION MAPPING OF MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$524,158
2009	UNIVERSITY OF MINNESOTA	MN	F32AI080074	CENTROMERE STRUCTURE AND ISOCHROMOSOME FORMATION IN CANDIDA ALBICANS	\$47,210
2009	UNIVERSITY OF MINNESOTA	MN	R33AI073167	STRUCTURAL STUDIES OF HUMAN APOBEC3G AND HIV VIF	\$370,584
2009	MAYO CLINIC	MN	U01AI082120	OPTIMIZATION OF SMALL-MOLECULE INHIBITORS OF SHIGA AND RICIN TOXINS	\$802,815
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI081829	GENE STRUCTURE VARIATIONS AND MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$364,750
2009	INDEPENDENT SCHOOL DISTRICT #535	MN	R03AI082704	BUILDING PARTNERSHIPS TO PROMOTE HEALTH IN LOW LITERACY POPULATIONS	\$25,000
2009	UNIVERSITY OF MINNESOTA	MN	U01AI056270	MALARIA TRANSMISSION AND IMMUNITY IN HIGHLAND KENYA	\$496,451
2009	UNIVERSITY OF MINNESOTA	MN	R01AI039560	TCR SIGNAL STRENGTH IN THYMIC SELECTION	\$600,325
2009	UNIVERSITY OF MINNESOTA	MN	R01AI065246	HOST SPECIFICITY OF CRYPTOSPORIDIUM GENE EXPRESSION	\$412,441
2009	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	T32AI055433	Infectious Disease Training in Clinical Investigation	\$247,501
2009	SYNTIRON LLC	MN	R43AI071545	STAPHYLOCOCCUS AUREUS IRON-REGULATED PROTEINS AS VACCINE CANDIDATES	\$208,820
2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073672	TYPHOID PRIORITY ANTIGEN IDENTIFICATION AND VACCINE DEVELOPMENT	\$350,005
2009	MAYO CLINIC	MN	R01AI074320	CAML IN T CELL DEVELOPMENT AND FUNCTION	\$339,975
2009	UNIVERSITY OF MINNESOTA	MN	R33AI071976	TOPICAL MICROBICIDE AGAINST SIV AND CHLAMYDIA	\$1,443,416

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2009	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079743	DNA REPAIR DEFECTS IN IGA DEFICIENCY	\$185,818
2009	WASHINGTON UNIVERSITY	MO	K08AI076633	THE ROLE OF NKG2D/DAP10 IN TOXOPLASMA GONDII INFECTION	\$112,414
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI076675	THE ROLES OF HOST HEMOSTATIC SYSTEM IN THE PATHOGENICITY OF GROUP A STREPTOCOCCAL	\$176,035
2009	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$298,224
2009	WASHINGTON UNIVERSITY	MO	R01AI024742	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	\$485,280
2009	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$382,600
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$329,252
2009	WASHINGTON UNIVERSITY	MO	R01AI061173	T CELL RECOGNITION OF ALLOGENEIC PEPTIDE/MHC LIGANDS	\$355,788
2009	WASHINGTON UNIVERSITY	MO	R37AI024157	T CELL RECOGNITION OF ANTIGEN	\$335,502
2009	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$420,696
2009	WASHINGTON UNIVERSITY	MO	U01AI061373	MONOCLONAL ANTIBODY THERAPY FOR WEST NILE VIRUS	\$1,034,837
2009	WASHINGTON UNIVERSITY	MO	R01AI030084	MOLECULAR DISSECTION OF E. HISTOLYTICA PATHOGENESIS	\$361,970
2009	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$325,772
2009	WASHINGTON UNIVERSITY	MO	F32AI071429	ACTIN ASSEMBLY REGULATION IN LYTIC SYNAPSE FORMATION	\$51,710
2009	WASHINGTON UNIVERSITY	MO	K08AI079010	TARGETING ISOPRENOID BIOSYNTHESIS IN PLASMODIUM FALCIPARUM	\$111,273
2009	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$520,371
2009	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,499,203
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R03AI079507	ANTIGENIC VARIATION BY MULTIPLE PROMOTER INVERSIONS IN MYCOPLASMA PENETRANS	\$70,625
2009	WASHINGTON UNIVERSITY	MO	F32AI080062	ANALYSIS OF BIDIRECTIONAL SIGNALING MECHANISMS FOR BTLA AND HVEM	\$47,210
2009	WASHINGTON UNIVERSITY	MO	R01AI081803	COMPARATIVE GENOMICS OF PARASITIC NEMATODES	\$314,500
2009	WASHINGTON UNIVERSITY	MO	R01AI080672	REGULATION OF INFLUENZA VIRUS INFECTION BY ISG15	\$342,000
2009	WASHINGTON UNIVERSITY	MO	K23AI065806	C. DIFFICILE DISEASE IN STEM CELL TRANSPLANT RECIPIENTS	\$124,898

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2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	K08AI083744	OSPC MEDIATED EVASION OF THE INNATE IMMUNE RESPONSE BY BORRELIA BURGDORFERI	\$115,040
2009	WASHINGTON UNIVERSITY	MO	R01AI069390	MECHANISMS OF ACTION FOR COLONY-STIMULATING-FACTORS IN IBD	\$372,780
2009	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$372,500
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$295,803
2009	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$260,946
2009	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$646,755
2009	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$320,211
2009	WASHINGTON UNIVERSITY	MO	U01AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,102,644
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI048541	REGULATION OF NEONATAL IMMUNITY	\$313,843
2009	WASHINGTON UNIVERSITY	MO	U01AI075424	DEVELOPING SMALL MOLECULE THERAPEUTICS FOR WEST NILE VIRUS	\$440,189
2009	WASHINGTON UNIVERSITY	MO	U19AI065715	RESEARCH FOR THE ELIMINATION OF LYMPHATIC FILARIASIS	\$520,958
2009	SAINT LOUIS UNIVERSITY	MO	R21AI065535	DEVELOPING AN IN VITRO SYSTEM FOR HCV PROPAGATION	\$152,613
2009	WASHINGTON UNIVERSITY	MO	U01AI077955	SAFE ANTIBODY PROPHYLAXIS AND THERAPY AGAINST DENGUE VIRUS	\$837,295
2009	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$380,000
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI082305	ACTIN-BASED MOTILITY AND TICK ACQUISITION OF ANAPLASMATACEAE	\$234,216
2009	WASHINGTON UNIVERSITY	MO	R01AI079187	THE ROLE OF REGULATORY T CELL DEVELOPMENT IN THE PREVENTION OF AUTOIMMUNITY	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI065985	DEFINING NS4B FUNCTION IN HEPATITIS C VIRUS REPLICATION	\$289,575
2009	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$175,802
2009	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$335,502
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076395	MECHANISMS BY WHICH B CELL DEPLETION INHIBITS AUTOIMMUNE DISEASES	\$357,910
2009	WASHINGTON UNIVERSITY	MO	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$174,800

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	VIRRX INC	MO	R43AI084232	AN HBV POLYMERASE RNA BINDING ASSAY SUITABLE FOR INHIBITOR SCREENING	\$260,910
2009	WASHINGTON UNIVERSITY	MO	R21AI081224	LONG-RANGE GENETIC AND EPIGENETIC CONTROL OF TCRB GENE ASSEMBLY	\$190,000
2009	WASHINGTON UNIVERSITY	MO	F31AI081504	CHARACTERIZING EXPORTAL BY A POLYMYXIN B RESISTANCE-BASED MUTAGENIC APPROACH	\$27,855
2009	WASHINGTON UNIVERSITY	MO	R01AI049950	STRUCTURE OF PROTEINS INVOLVED IN BACTERIAL PATHOGENESIS	\$318,825
2009	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$320,211
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI064306	PLASMODIUM SPOROZOITES AND THE MOSQUITO	\$389,931
2009	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$747,346
2009	WASHINGTON UNIVERSITY	MO	R01AI022033	STUDIES OF ANTIGEN STIMULATION	\$355,788
2009	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$283,500
2009	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$355,788
2009	WASHINGTON UNIVERSITY	MO	R01AI037618	CD46: PROTECTING THE HOST FROM COMPLEMENT ATTACK	\$289,575
2009	SAINT LOUIS UNIVERSITY	MO	R01AI068769	QUALITATIVE NATURE OF ANTIBODIES TO HCV GLYCOPROTEIN SUBUNIT VACCINE IN HUMANS	\$315,056
2009	WASHINGTON UNIVERSITY	MO	R01AI052237	COMPARATIVE GENOMICS IN THE ENTEROBACTERIACEAE	\$694,038
2009	WASHINGTON UNIVERSITY	MO	K08AI079011	MOLECULAR MECHANISMS OF GAMMAHERPESVIRUS LATENCY AND REACTIVATION	\$100,319
2009	WASHINGTON UNIVERSITY	MO	F31AI078716	A SMALL MOLECULE APPROACH TOWARD UNDERSTANDING BACTERIAL TOXIN TRANSPORT	\$27,856
2009	WASHINGTON UNIVERSITY	MO	K08AI083746	MUCOSAL IMMUNE CHECKPOINTS IN CHRONIC BACTERIAL CYSTITIS	\$115,952
2009	WASHINGTON UNIVERSITY	MO	R01AI074953	ATM FUNCTION DURING V(D)J RECOMBINATION	\$380,000
2009	WASHINGTON UNIVERSITY	MO	K08AI081751	INTEGRATION OF T CELL RECEPTOR AND CHEMOKINE SIGNALING IN THYMOCYTES	\$113,220
2009	WASHINGTON UNIVERSITY	MO	R56AI055849	SCT PROBES FOR VIRAL IMMUNITY	\$380,000
2009	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$812,208
2009	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$260,946
2009	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$355,788

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	WASHINGTON UNIVERSITY	MO	R01AI041592	C3, CR1, CRRY: INTERACTIONS, HOMEOSTASIS AND TRANSLATIONAL IMPLICATIONS	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$414,883
2009	WASHINGTON UNIVERSITY	MO	R01AI027568	CD8 T CELL RECOGNITION OF MHC CLASS I	\$361,970
2009	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$665,234
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$368,116
2009	WASHINGTON UNIVERSITY	MO	R01AI073155	TARGETING THE ACTIN CYTOSKELETON IN PARASITES	\$350,335
2009	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2009	WASHINGTON UNIVERSITY	MO	R21AI082004	HOST FACTORS IN CRYPTOCOCCAL INFECTION	\$190,000
2009	WASHINGTON UNIVERSITY	MO	R01AI077600	BACTERIAL CAPTURE AND ANTIGEN PRESENTATION IN SPLEEN	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI080792	ELUCIDATING & DISRUPTING PLASMODIUM ERYTHROCYTE-BINDING LIKE LIGAND INTERACTIONS	\$380,000
2009	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	STRUCTURE FUNCTION ANALYSIS OF STAPHYLOCOCCAL COMPLEMENT INHIBITORS	\$306,500
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$453,034
2009	WASHINGTON UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$247,848
2009	WASHINGTON UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$387,735
2009	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$360,518
2009	WASHINGTON UNIVERSITY	MO	R01AI049261	ROLE OF DPPI & SERINE PROTEASES IN INFLAMMATORY DISEASES	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$252,000
2009	WASHINGTON UNIVERSITY	MO	R37AI034385	ACTIVATION RECEPTORS ON NK CELLS	\$260,946
2009	WASHINGTON UNIVERSITY, SCHOOL OF MEDICINE	MO	F32AI078628	THE GENETIC DETERMINANTS OF SYMBIOTIC HOST-MICROBIAL INTERACTION IN THE HUMAN GUT	\$50,054
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI080870	HuR in Allergic Asthma and T Cell Differentiation	\$283,305
2009	SAINT LOUIS UNIVERSITY	MO	R21AI076834	CELL CULTURE SYSTEM FOR HEPATITIS C VIRUS GENOTYPE 1A	\$220,500
2009	WASHINGTON UNIVERSITY	MO	R01AI078994	REGULATION OF VIRAL-INDUCED NK CELL PROLIFERATION DURING MURINE CMV INFECTION	\$380,000
2009	WASHINGTON UNIVERSITY	MO	R01AI078795	CRYPTOCOCCAL INTERACTIONS WITH HOST CELLS	\$380,000

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2009	WASHINGTON UNIVERSITY	MO	UH2AI083266	THE HUMAN VIROME IN CHILDREN AND ITS RELATIONSHIP TO FEBRILE ILLNESS	\$954,385
2009	WASHINGTON UNIVERSITY	MO	K99AI077798	REGULATION OF DISTINCT ACTIN NUCLEATION MECHANISMS IN IMMUNE CELL FUNCTIONS	\$84,159
2009	SAINT LOUIS UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$109,266
2009	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$330,520
2009	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$361,970
2009	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$7,784,931
2009	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$355,788
2009	WASHINGTON UNIVERSITY	MO	R01AI065982	NOROVIRUS INFECTION OF DENDRITIC CELLS AND MACROPHAGES	\$317,206
2009	WASHINGTON UNIVERSITY	MO	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$270,048
2009	WASHINGTON UNIVERSITY	MO	R01AI047829	THE V(D)J RECOMBINATION REACTION AND ITS IMPACT ON LYMPHOCYTE DEVELOPMENT	\$320,211
2009	WASHINGTON UNIVERSITY	MO	R01AI048052	THE MOLECULAR MECHANISM OF LEGIONELLA TYPE IV SECRETION	\$325,772
2009	WASHINGTON UNIVERSITY	MO	K24AI067794	INFECTIOUS DISEASE & HEALTHCARE EPIDEMIOLOGY MENTORING	\$142,147
2009	WASHINGTON UNIVERSITY	MO	U01AI070374	A DIAGNOSTIC MICROARRAY FOR HEMORRHAGIC FEVER ENCEPHALITIS VIRUSES	\$772,287
2009	WASHINGTON UNIVERSITY	MO	UH2AI083265	THE NEONATAL MICROBIOME AND NECROTIZING ENTEROCOLITIS	\$1,024,974
2009	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$493,633
2009	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$361,649
2009	UNIVERSITY OF MISSISSIPPI	MS	F32AI083157	BIOSYNTHETIC ROUTES TO DRUG DEVELOPMENT FOR AIDS OR MTB	\$45,218
2009	MONTANA STATE UNIVERSITY	MT	R01AI055043	MECHANISMS OF PRION TRANSPORT	\$178,125
2009	MONTANA STATE UNIVERSITY	MT	R01AI055739	THE MATERNAL/FETAL INTERACTION	\$324,028
2009	MONTANA STATE UNIVERSITY	MT	R01AI026711	NEUTROPHIL FLAVOCYTOCHROME B STRUCTURE AND FUNCTION	\$296,143
2009	MONTANA STATE UNIVERSITY	MT	R01AI041123	MUCOSAL IMMUNITY ELICITED BY SALMONELLA VACCINE DELIVERY	\$296,143
2009	MONTANA STATE UNIVERSITY	MT	R01AI081838	Hypoxia Adaptation and Fungal Virulence of Aspergillus fumigatus	\$316,375
2009	MONTANA STATE UNIVERSITY	MT	R21AI083244	ROLE OF FORMYL PEPTIDE RECEPTOR VARIANTS IN MUCOSAL INNATE IMMUNE DEFENSE	\$213,750

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2009	MONTANA STATE UNIVERSITY	MT	R21AI074355	INFLUENCE OF THE HOST CELL MOLECULAR ENVIRONMENT ON TOXOPLASMA DEVELOPMENT	\$178,125
2009	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$318,375
2009	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$353,750
2009	MONTANA STATE UNIVERSITY	MT	R01AI064107	CCR5 & CXCR4 ANTAGONIST & AGONIST BINDING SITE STRUCTURE	\$329,046
2009	MONTANA STATE UNIVERSITY	MT	R21AI075300	ROLE OF NON-CODING RNAS IN P. AERUGINOSA BIOFILM DEVELOPMENT	\$178,125
2009	PROMILIAD BIOPHARMA INC	MT	R43AI077245	NEW ANTIBIOTICS TARGETING FATTY ACID BIOSYNTHESIS	\$171,569
2009	MONTANA STATE UNIVERSITY	MT	R01AI081961	MAPPING ADENO-ASSOCIATED VIRUS CAPSID STRUCTURAL AND DYNAMIC TRANSITIONS	\$365,214
2009	MONTANA STATE UNIVERSITY	MT	R01AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$178,125
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI078700	THE ROLE OF EXOPOLYSACCHARIDES IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$40,972
2009	DUKE UNIVERSITY	NC	R01AI073947	REGULATION OF THYMOCYTE MATURATION AND MATURE T LYMPHOCYTE HOMEOSTASIS BY C-FLIP	\$390,000
2009	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$390,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$370,000
2009	DUKE UNIVERSITY	NC	R01AI063345	TROPHIC REGULATION IN T CELL HOMEOSTASIS AND DISEASE	\$371,495
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI036901	MECHANISMS OF ANTIBIOTIC ACTION IN NEISSERIA GONORRHOEAE.	\$347,681
2009	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$521,195
2009	DUKE UNIVERSITY	NC	R01AI068032	CHLAMYDIA CO-OPTION OF EUKARYOTIC LIPID DROPLETS	\$334,345
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI070684	G PROTEIN COUPLED RECEPTOR REGULATORY MECHANISMS IN ARTHRITIS	\$109,895
2009	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$49,782,125
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064806	INVESTIGATION OF SYSTEMS REGULATION IN TLR SIGNALING	\$312,913
2009	GLOBAL VACCINES INC	NC	U01AI070976	A NOVEL SYSTEMIC AND MUCOSAL ADJUVANT FOR BIODEFENSE	\$1,175,233
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI077324	ALPHAVIRUS MODULATION OF THE HOST TYPE I INTERFERON SYSTEM	\$29,444
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076159	HUMAN CORONAVIRUSES AS MULTIGENE MUCOSAL VACCINE VECTORS FOR HIV	\$192,511

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2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078924	STRUCTURE AND INHIBITION OF THE CONJUGATIVE DNA RELAXASE-HELICASE	\$408,669
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI079226	THE MOVEMENT OF INFLUENZA VIRUS IN HUMAN POPULATION	\$651,037
2009	G1 THERAPEUTICS INC	NC	R43AI084284	ORGANISMAL RADIOPROTECTION THROUGH PHARMACOLOGICAL QUIESCENCE	\$344,800
2009	ELIZABETH CITY STATE UNIVERSITY	NC	SC2AI083926	SYNTHESIS OF CARBOCYCLIC FORMYCIN ANALOGUES AS ANTIVIRAL AGENTS	\$125,719
2009	EAST CAROLINA UNIVERSITY	NC	R21AI079290	MECHANISM OF HTLV-1 TAX-MEDIATED ACTIVATION OF CDK6 TRANSCRIPTION.	\$179,219
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R34AI084553	THE IN VIVO EFFECT OF HDAC INHIBITORS ON HIV GENE EXPRESSION IN RESTING CD4+ T CE	\$111,000
2009	DUKE UNIVERSITY	NC	K08AI082283	VENEZUELAN EQUINE ENCEPHALITIS IMMUNOLOGY AND VACCINE DESIGN	\$84,582
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$89,120
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$365,587
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$333,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$307,555
2009	DUKE UNIVERSITY	NC	U01AI069484	HIV/AIDS CLINICAL TRIALS UNIT	\$2,712,311
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI054540	PROTEIN SECRETION PATHWAYS OF MYCOBACTERIUM TUBERCULOSIS	\$330,439
2009	ALPHAVAX HUMAN VACCINES INC	NC	U01AI074535	ALPHAVIRUS REPLICON VECTORS AS DOSE-SPARING ADJUVANTS FOR INFLUENZA VACCINES.	\$1,396,158
2009	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$164,894
2009	DUKE UNIVERSITY	NC	R01AI080488	MECHANISMS OF LATE EFFECTS OF EXPOSURE TO RADIATION	\$390,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	NC	R03AI078122	DEVELOPING A YEAST SYSTEM TO STUDY VIRUS-HOST INTERACTIONS IN MONONEGAVIRALES	\$72,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064363	TREG MIGRATION IN GVHD	\$396,959
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI069116	CYCLIC AMP SIGNALING IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$330,840
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$368,081
2009	THERALOGICS INC	NC	R42AI069602	INHIBITION OF IKK TO TREAT LETHAL GRAFT-VS.-HOST DISEASE	\$454,379
2009	NATURAL PRODUCTS & GLYCOTECHNOLOGY	NC	R03AI070203	LABORATORY SYNTHESSES OF MYCOBACTERIAL TUBERCULOSIS LAM PROTOTYPES	\$54,880

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2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI077373	A RHESUS MACAQUE MODEL OF SIV-MALARIA CO-INFECTION	\$70,502
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$1,553,641
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076785	PREVALENCE AND FITNESS OF DRUG RESISTANT MINORITY VARIANT MUTATIONS IN PLASMODIUM	\$184,739
2009	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$351,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI053593	THE IMMUNOBIOLOGY OF THE HEMOGLOBIN RECEPTOR OF H. DUCREYI	\$283,729
2009	DUKE UNIVERSITY	NC	R01AI055588	STRUCTURAL AND BIOCHEMICAL STUDIES OF LPXC INHIBITION	\$390,000
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI047707	BASIS AND MODULATION OF THE INNATE IMMUNE DEFECT IN FIV	\$390,209
2009	DUKE UNIVERSITY	NC	R01AI065301	EFFECT OF APOBEC3G ON RETROVIRUSES AND RETROTRANSPOSONS	\$325,465
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI032983	CELLULAR INTERACTIONS OF VIRAL MATRIX PROTEIN	\$296,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$707,088
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R37AI031789	STATISTICAL METHODS FOR AIDS CLINICAL TRIALS	\$366,777
2009	DUKE UNIVERSITY	NC	P01AI061734	CENTRALIZED HIV-1 GENES AS VACCINES	\$2,690,988
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$478,235
2009	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$334,345
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$304,037
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	U01AI070440	PRECLINICAL DEVELOPMENT OF FLAGELLIN AS A MUCOSAL ADJUVANT IN BIODEFENSE VACCINES	\$205,338
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$226,038
2009	DUKE UNIVERSITY	NC	R01AI064789	NITRIC OXIDE AND MITOCHONDRIAL BIOGENESIS IN SEPSIS	\$260,046
2009	DUKE UNIVERSITY	NC	R01AI079088	Regulating peripheral T cell tolerance	\$390,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077454	TREG IN HIV-1 REPLICATION AND PATHOGENESIS	\$368,286
2009	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,677,545
2009	DUKE UNIVERSITY	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$382,590

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2009	DUKE UNIVERSITY	NC	F31AI078715	ELUCIDATION OF THE MECHANISMS OF CD8+ T CELL NONCYTOLYTIC ANTIVIRAL RESPONSE	\$41,176
2009	ALPHAVAX HUMAN VACCINES INC	NC	U01AI078010	DOSE OPTIMIZATION, PRODUCTION & TOX TESTING OF REPLICON-VACCINES FOR SMALLPOX	\$500,000
2009	DUKE UNIVERSITY	NC	R21AI079873	IMMUNOTHERAPY FOR PEANUT ALLERGY	\$195,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI075081	BORDETELLA BIOFILMS AND PATHOGENESIS	\$370,000
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI080288	AIDS LENTIVIRUS-INDUCED TGF-BETA+ TREG CELLS MEDIATE T CELL IMMUNE DYSFUNCTION	\$371,771
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078090	Risk of Influenza Infection In A Vaccinated Obese Population	\$599,156
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077417	MODIFIED TRITERPINES AS POTENT HIV FUSION INHIBITORS	\$448,242
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067641	IMMUNE EVASION MECHANISMS OF NEUROVIRULENT ALPHAVIRUSES	\$291,249
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI077355	SEX, AGING AND ANTIRETROVIRAL PHARMACOLOGY	\$132,230
2009	EAST CAROLINA UNIVERSITY	NC	R01AI063516	BRUCELLA IRON METABOLISM IN HOST MACROPHAGES	\$305,412
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI050050	STRUCTURAL SPECIFICITY OF HEPARAN SULFATE FOR HERPES INFECTIONS	\$429,463
2009	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$174,039
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$379,253
2009	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$390,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI063453	SRV IS CRITICAL FOR STREPTOCOCCAL SURVIVAL IN THE HOST	\$307,555
2009	DUKE UNIVERSITY	NC	R01AI050021	CAVEOLAE MEDIATED BACTERIAL UPTAKE IN THE URINARY TRACT	\$371,495
2009	DUKE UNIVERSITY	NC	R01AI039115	GENETICS OF CRYPTOCOCCUS SEXUAL REPRODUCTION	\$371,495
2009	APPLIED BIOSCIENCE INTERNATIONAL, PPD DEVELOPMENT	NC	U01AI067075	DATA COORDINATING CENTER FOR ORGAN TRANSPLANT CLINICAL *	\$2,844,133
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$217,529
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$2,563,171
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI079521	TARGETED GENE EXPRESSION FROM NL63 VACCINE VECTORS	\$185,000
2009	DUKE UNIVERSITY	NC	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$391,200

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2009	AFFINERGY INC	NC	R44AI082540	POINT OF CARE ATTACHMENT OF ANTIBIOTICS ONTO METAL IMPLANTS	\$1,042,963
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI076829	WHOLE ORGANISM TRANSCRIPTIONAL PROFILING OF INNATE IMMUNE RESPONSE	\$145,337
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI058842	NANOPARTICLE HIV PROTEIN VACCINES FOR CELLULAR RESPONSES	\$279,795
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI080148	SARS-COV TRANSCRIPTION NETWORK REMODELING AND THE ATTENUATION OF PATHOGENESIS	\$51,710
2009	DUKE UNIVERSITY	NC	R01AI076357	A MURINE MODEL OF CHRONIC AUTOIMMUNE HEPATITIS AND LIVER FIBROSIS	\$312,000
2009	DUKE UNIVERSITY	NC	U01AI083000	Mechanisms for NK Cell Activation in Vaccinia Virus Control	\$562,233
2009	AFFINERGY INC	NC	R43AI081341	PEPTIDE-MEDIATED ATTACHMENT OF DRUG-LOADED MICROPARTICLES TO MEDICAL DEVICES	\$309,411
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI077409	OPTIMIZING IMMUNOGENICITY OF LACTOBACILLUS AS A MUCOSAL VACCINE AGAINST HIV-1	\$185,989
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074946	IMPROVED VACCINES FOR RIFT VALLEY FEVER VIRUS	\$473,894
2009	DUKE UNIVERSITY	NC	R01AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$367,286
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI049427	ADHESION JUNCTION REGULATION IN NORMAL AND DISEASED SKIN	\$508,981
2009	NORTH CAROLINA CENTRAL UNIVERSITY	NC	R01AI038910	REGULATION OF CHEMOKINE MEDIATED LEUKOCYTE FUNCTIONS	\$324,096
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI066075	THE ROLE OF MERTK IN AUTOIMMUNE DIABETES	\$346,094
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI063299	YSRRS REGULON OF Y. ENTEROCOLITICA	\$205,799
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$3,986,633
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,415,841
2009	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$354,638
2009	DUKE UNIVERSITY	NC	U01AI074529	PREVENTION OF IMMUNE PATHOLOGY DURING AVIAN INFLUENZA INFECTION	\$382,590
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI078060	A TETRAVALENT DENGUE VACCINE BASED ON ALPHAVIRUS REPLICONS	\$870,945

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	DUKE UNIVERSITY	NC	K24AI072522	MID-CAREER INVESTIGATOR AWARD: PREVENTING AND DIAGNOSING FUNGAL DISEASE	\$116,490
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI054425	BACTERIAL HOST MIMICRY AND CHRONIC AIRWAY INFECTION	\$266,957
2009	DUKE UNIVERSITY	NC	R13AI084562	2013 Infectious Diseases in Africa: Measurement of Immune Responses	\$36,994
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI083059	Acute HIV infection - A key link for transmission prevention	\$869,770
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI070984	THE ROLE OF DENDRITIC CELLS AND MACROPHAGES IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$367,597
2009	DUKE UNIVERSITY	NC	R01AI052779	HIV-1 GENE SUPPRESSION BY CD8+ T CELLS	\$312,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI072827	THE ROLE OF THE CHEMOKINE RECEPTORS CCR4 AND CCR7 IN GRAFT-VERSUS-HOST DISEASE	\$25,405
2009	DUKE UNIVERSITY	NC	R01AI052201	INNATE IMMUNE MECHANISMS IN NON-INFECTIOUS LUNG INFLAMMATION	\$390,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI064609	STRUCTURAL BASIS OF MEMBRANE TARGETING BY NADPH OXIDASE	\$333,696
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P01AI059443	DEVELOPING VACCINE CANDIDATES FOR THE SARS CORONAVIRUS	\$1,907,553
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI063031	M TUBERCULOSIS AND HOST-DEFENSE MECHANISMS	\$338,074
2009	DUKE UNIVERSITY	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$571,594
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	\$823,321
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067913	SPATIAL EPIDEMIOLOGY OF SYPHILIS AND GONORRHEA IN NORTH CAROLINA	\$345,404
2009	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$251,771
2009	DUKE UNIVERSITY	NC	T32AI052080	Molecular Mycology and Pathogenesis Training Program	\$339,714
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$414,823
2009	NORTH CAROLINA CENTRAL UNIVERSITY	NC	SC2AI081656	MODULATION OF VIRULENCE DETERMINANTS CONTRIBUTING TO GONOCOCCAL PATHOGENESIS	\$98,088
2009	NOVAN INC	NC	R43AI074098	STTR PHASE 1: NITRIC OXIDE-RELEASING ANTIBACTERIAL WOUND DRESSING	\$199,612
2009	MYCOSYNTHETIX INC	NC	R43AI081415	NEW TUBERCULOSIS ANTIBIOTICS FROM FILAMENTOUS FUNGI	\$135,992
2009	ALDERON BIOSCIENCES INC	NC	R44AI064045	ELECTROCHEMICAL RT ACTIVITY ASSAY FOR MEASURING HIV LOAD	\$448,550

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2009	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$631,990
2009	ALDERON BIOSCIENCES INC	NC	R43AI075645	PSEUDO TARGET AMPLIFICATION DIAGNOSTICS	\$141,240
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$330,840
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$330,835
2009	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$297,196
2009	DUKE UNIVERSITY	NC	R01AI063443	GENETIC ANALYSIS OF CRYPTOCOCCUS NEOFORMANS VIRULENCE	\$415,650
2009	DUKE UNIVERSITY	NC	R01AI064464	ENTEROTOXIN TARGETING AND DELIVERY MECHANISMS	\$297,196
2009	QUINTILES FEDERATED SERVICES INC	NC	U01AI069464	QUINTILES CLINICAL TRIAL UNIT FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$886,623
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$98,362
2009	DUKE UNIVERSITY	NC	R01AI046611	BIOORGANIC MECHANISM OF PEPTIDE ANTIBIOTICS	\$297,196
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	K23AI065805	IMPACT OF VACCINE ON INFLUENZA DISEASE IN YOUNG CHILDREN	\$124,038
2009	EAST CAROLINA UNIVERSITY	NC	R21AI079183	THE ROLE OF IRON/HEME ACQUISITION MECHANISMS IN BACTEROIDES FRAGILIS.	\$175,619
2009	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI074445	T REGULATORY CELL SUPPRESSION OF CD8+ CELL RESPONSES DURING FIV INFECTION	\$112,050
2009	DUKE UNIVERSITY	NC	R03AI078119	FIGHTING MALARIA WITH MICROFINANCE: EVIDENCE FROM INDIA	\$90,720
2009	DUKE UNIVERSITY	NC	R21AI076814	FUNCTION OF THYMIC EPITHELIAL CELLS IN T LYMPHOCYTE MATURATION	\$195,000
2009	DUKE UNIVERSITY	NC	R01AI074754	BCI-2 FAMILY IN T LYMPHOCYTE HOMEOSTASIS	\$390,000
2009	PRECISION BIOSCIENCES INC	NC	R43AI081471	COMPLETE MHC SEQUENCING USING ENGINEERED MEGANUCLEASES	\$141,260
2009	DUKE UNIVERSITY	NC	U01AI082107	DEVELOPMENT OF EFFICACIOUS AND STABLE NASAL VACCINE FORMULATIONS	\$752,091
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI076748	INTEGRATION OF SPATIAL AND SOCIAL NETWORK ANALYSIS IN VACCINE TRIALS	\$74,000
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI081022	COMPLEMENT-MEDIATED NEUTRALIZATION OF MUMPS VIRUS AND SV5	\$196,820
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R00AI072956	ROLES FOR TAK1 IN T CELL DEVELOPMENT, FUNCTION AND TUMORIGENESIS	\$249,000
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071767	HIV GENOMIC RNA STRUCTURE IN VITRO AND IN VIRIO	\$51,278
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$490,616

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2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$367,559
2009	DUKE UNIVERSITY	NC	R01AI050128	RAS SIGNALING IN C. NEOFORMANS VIRULENCE AND DEVELOPMENT	\$312,000
2009	DUKE UNIVERSITY	NC	R01AI064879	NASAL VACCINES: MODE OF ACTION, COMPOSITION & DELIVERY	\$455,256
2009	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI043591	CONTROL OF CYTOTOXIC T CELL DIFFERENTIATION AND ACTIVITY	\$266,957
2009	EAST CAROLINA UNIVERSITY	NC	R01AI048499	BRUCELLA STATIONARY PHASE GENE EXPRESSION AND VIRULENCE	\$317,364
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI069423	UNIVERSITY OF NORTH CAROLINA AIDS CLINICAL TRIALS UNIT (UNC ACTU)	\$3,370,206
2009	DUKE UNIVERSITY	NC	U19AI056363	Mechanisms of B Cell Responses in Autoimmune Disease	\$6,425,901
2009	DUKE UNIVERSITY	NC	F32AI075844	INVESTIGATING POST-TRANSLATIONAL REGULATION OF INNATE IMMUNITY IN C. ELEGANS	\$51,710
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076685	A REPORTER TRANSPOSON FOR STUDYING EXPORTED PROTEINS OF M. TUBERCULOSIS	\$184,386
2009	DUKE UNIVERSITY	NC	R01AI025783	STUDIES OF CRYPTOCOCCUS NEOFORMANS ASSOCIATED WITH AIDS	\$222,897
2009	DUKE UNIVERSITY	NC	R01AI050483	POLY-FUNCTIONAL ANALYSES OF VACCINE-INDUCED T CELL RESPONSES	\$557,436
2009	DUKE UNIVERSITY	NC	U01AI066590	MICROFLUIDIC PCR PLATFORM TO DETECT MICROBIAL DNA	\$627,272
2009	DUKE UNIVERSITY	NC	K08AI068822	THE IN VIVO ROLE OF SURFACTANT PROTEIN A IN ALLERGIC LUNG DISEASE	\$112,485
2009	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$322,219
2009	AFFINERGY INC	NC	R44AI079891	SELF ASSEMBLING HIGH AFFINITY PEPTIDES FOR POINT OF CARE DRUG-DEVICE COMBINATIONS	\$975,043
2009	DUKE UNIVERSITY	NC	R01AI074944	AUTOPHAGY IN T LYMPHOCYTE FUNCTION	\$390,000
2009	DUKE UNIVERSITY	NC	R21AI079366	TLR SIGNALING IN CD8 T CELL RESPONSE TO VACCINIA VIRUS	\$234,000
2009	DUKE UNIVERSITY	NC	K01AI083782	MATHEMATICAL MODELING IN CLINICAL TRIALS OF TUBERCULOSIS THERAPEUTICS	\$125,368
2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI074775	GLYCOMICS OF HEPARAN SULFATE IN BACTERIAL PATHOGENESIS	\$250,875
2009	DUKE UNIVERSITY	NC	R21AI081535	COMPLEMENT REGULATES THE HUMORAL RESPONSE TO HIV-1	\$195,000
2009	DUKE UNIVERSITY	NC	R21AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$195,000

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2009	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078345	IMMUNE EVASION BY F. TULARENSIS	\$370,000
2009	EAST CAROLINA UNIVERSITY	NC	R13AI077026	MID-ATLANTIC MICROBIAL PATHOGENESIS MEETING	\$19,500
2009	UNIVERSITY OF NORTH DAKOTA	ND	R03AI070193	HISTONE HYPERACETYLATION IN REPLICATING SV40 CHROMOSOMES	\$67,500
2009	CREIGHTON UNIVERSITY	NE	R01AI075315	TGF-BETA, CHLORIDE CHANNELS AND MIGRATION OF EOSINOPHILS	\$358,750
2009	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R03AI073510	BIOSYNTHESIS OF HSAF, AN ANTIFUNGAL NATURAL PRODUCT WITH A NOVEL MODE OF ACTION	\$70,740
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R56AI075167	ESTROGEN RECEPTOR A REGULATION OF LUPUS DEVELOPMENT & PATHOGENESIS	\$417,054
2009	UNIVERSITY OF NEBRASKA LINCOLN	NE	K25AI068151	IDENTIFICATION OF BIOLOGICAL MATERIALS OF UNKNOWN ORIGIN	\$155,990
2009	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$254,930
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$297,000
2009	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI067373	DISEASE DETECTION AND PREVALENCE ESTIMATION THROUGH INFORMATIVE GROUP TESTING	\$242,786
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$297,000
2009	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R01AI069146	SUPPRESSION OF INNATE IMMUNITY BY AN ADP-RIBOSYLTRANSFERASE TYPE III EFFECTOR	\$363,270
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI038901	THE MOLECULAR CONTROL OF BACTERIAL AUTOLYSIS	\$367,500
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI064325	MECHANISTIC INSIGHTS INTO B7 CO-STIMULATION	\$518,991
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI067891	MOLECULAR BASIS OF THE REQUIREMENTS FOR IRF4 AND IRF8 IN PRE-B CELL DEVELOPMENT	\$350,063
2009	CREIGHTON UNIVERSITY	NE	R01AI071321	MICRORNAS IN EPITHELIAL INNATE IMMUNITY TO C. PARVUM	\$307,555
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	P01AI083211	Staphylococcal Biofilm and Disease	\$2,662,338
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	\$371,250
2009	XIMEREX, INC	NE	R43AI080058	PERV FREE SWINE FOR XENOTRANSPLANTATION	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF NEBRASKA, LINCOLN	NE	K08AI076609	ADAPTIVE IMMUNE RESPONSE TO SYMBIOTIC BACTERIA AS A MEDIATOR OF GUT HOMEOSTASIS	\$126,630
2009	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI076783	TREMATOCIDAL SYNTHETIC PERIOXIDES	\$158,051
2009	DARTMOUTH COLLEGE	NH	R01AI013541	SEX HORMONE REGULATION OF THE MUCOSAL IMMUNE SYSTEM	\$392,155
2009	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$399,750
2009	DARTMOUTH COLLEGE	NH	K08AI069915	MECHANISMS OF REGULATORY T CELL SUPPRESSION OF HIV-SPECIFIC CELLULAR IMMUNITY	\$135,203
2009	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$221,350
2009	DARTMOUTH COLLEGE	NH	R21AI075931	REGULATED VIRULENCE AND CYST MATURATION IN TOXOPLASMA GONDII	\$239,850
2009	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$392,155
2009	DARTMOUTH COLLEGE	NH	R01AI041930	T. GONDII: PYRIMIDINE SYNTHESIS AS A CHEMO TARGET	\$396,188
2009	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$487,513
2009	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$1,146,398
2009	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$352,939
2009	IMMURX INC	NH	R43AI080030	CREATION OF AN ANTI-CD40 SUPERAGONISTIC MONOCLONAL ANTIBODY	\$329,936
2009	UNIVERSITY OF NEW HAMPSHIRE	NH	R03AI076831	ELUCIDATION OF COLONIZATION AND VIRULENCE THROUGH A NOVEL COMPARATIVE APPROACH	\$67,285
2009	DARTMOUTH COLLEGE	NH	R01AI048667	EFFECTOR MECHANISMS IN GRAFT TOLERANCE	\$380,783
2009	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$437,058
2009	DARTMOUTH COLLEGE	NH	R01AI069360	TNF PROCESSING IN PULMONARY IMMUNOPATHOLOGY	\$357,269
2009	DARTMOUTH COLLEGE	NH	R01AI037142	CHARACTERIZATION OF SAR-AGR INTERACTIONS IN S. AUREUS	\$304,626
2009	DARTMOUTH COLLEGE	NH	R01AI083256	cdiGMP regulation of Biofilm Formation	\$395,000
2009	CLIN-EPR, LLC	NH	R43AI081495	DEVELOPMENT OF IN VIVO EPR TOOTH DOSIMETRY FOR USE BY NON-EXPERT PERSONNEL	\$300,000
2009	DARTMOUTH COLLEGE	NH	R01AI067405	MECHANISMS OF CHAPERONE-MEDIATED IMMUNE RESPONSES	\$313,724
2009	DARTMOUTH COLLEGE	NH	R01AI039654	HIERARCHY WITHIN ENVIRONMENTAL REGULONS	\$352,939
2009	DARTMOUTH COLLEGE	NH	R01AI047441	IN VIVO GENE EXPRESSION IN STAPHYLOCCUS AUREUS	\$432,084

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	DARTMOUTH COLLEGE	NH	K08AI074428	MECHANISMS FOR HIV-1 PERSISTENCE IN HUMAN MAMMARY TISSUE AND BREAST MILK CELLS	\$71,675
2009	DARTMOUTH COLLEGE	NH	R01AI059694	BIOINFORMATICS STRATEGIES: BIODEFENSE VACCINE RESEARCH	\$488,032
2009	DARTMOUTH COLLEGE	NH	R01AI041558	NEW MECHANISMS FOR REGULATING VIRULENCE GENE EXPRESSION	\$352,939
2009	UNIVERSITY OF NEW HAMPSHIRE	NH	R15AI082528	THE ROLES OF ADAPTIVE RADIATION AND PHENOTYPIC SWITCHING IN BIOFILM DIVERSITY	\$206,500
2009	DARTMOUTH COLLEGE	NH	R21AI081242	DEFINING THE BACTERIAL FACTORS THAT MODULATE SENSITIVITY TO B-LACTAM IN CA-MRSA	\$199,875
2009	IMMURX INC	NH	R43AI077229	POTENT VACCINE ADJUVANT THERAPEUTIC	\$300,000
2009	DARTMOUTH COLLEGE	NH	R01AI078195	CHEMOKINES IN AUTOIMMUNE HEPATITIS	\$399,750
2009	DARTMOUTH COLLEGE	NH	R33AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$376,603
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066188	GR-1+ CELLS AND THE RESPONSE TO NEMATODE PARASITES	\$370,305
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066046	HOST-PATHOGEN INTERACTIONS AND M.TB DRUG RESISTANCE	\$323,659
2009	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI081307	GENE REGULATION USING NOVEL DRUGS MODULATING PREMATURE TRANSLATIONAL TERMINATION	\$382,689
2009	PRINCETON UNIVERSITY	NJ	F32AI074271	SUBCELLULAR PROTEIN LOCALIZATION IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$50,054
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI066561	A RAPID AND EXPANDABLE NUCLEIC ACID PLATFORM TO DETECT BLOODSTREAM INFECTIONS	\$723,595
2009	AMERICAN MOSQUITO CONTROL ASSOCIATION	NJ	R13AI082828	2009 ANNUAL MEETING OF THE AMERICAN MOSQUITO CONTROL ASSOCIATION	\$8,000
2009	PRINCETON UNIVERSITY	NJ	R01AI063335	HUMAN CYTOMEGALOVIRUS G PROTEIN-COUPLED RECEPTORS	\$293,932
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$361,601
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI045761	HLA-RELEASING METALLOPROTEINASE IN ALLOGRAFT REJECTION	\$327,694
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI065987	FATTY ACID METABOLISM'S ROLE IN M.TUBERCULOSIS VIRULENCE	\$362,764
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$337,793
2009	RATIONAL AFFINITY DEVICES LLC	NJ	R43AI074089	SELF-REPORTING ARRAYS FOR RAPID, ROBUST AND PRECISE S. AUREUS DIAGNOSTICS	\$300,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI067474	HUMAN KERATIN (K14)-MBP/MBP-TCR TRANSGENIC ANIMAL MODEL	\$222,800
2009	PRINCETON UNIVERSITY	NJ	R01AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$233,159
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080737	Emerging XDR-TB: Host and Pathogen Contributions	\$645,349
2009	ALLIED INNOVATIVE SYSTEMS, INC	NJ	R44AI083169	Ultra-sensitive method for HIV p24 antigen detection	\$95,420
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R34AI079266	A PHASE II, RANDOMIZED, CLINICAL TRIAL TO EVALUATE THE SAFETY AND EFFICACY OF A N	\$211,617
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI055381	IDENTIFICATION OF HUMAN CYTOMEGALOVIRUS PATHOGENIC GENES	\$271,213
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI057468	ROLE OF INTERFERON-LAMBDA IN ANTIVIRAL RESPONSE	\$361,601
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072766	INHIBITORS OF BACTERIAL RNA POLYMERASE: "SWITCH REGION"	\$588,112
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$714,920
2009	PRINCETON UNIVERSITY	NJ	R01AI054442	STRUCTURE-FUNCTION ANALYSIS OF AI-2 QUORUM SENSING	\$638,738
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI071874	BROAD NEUTRALIZATION OF HIV-1 FROM RHINOVIRUSES DISPLAYING GP41 MPER SEQUENCES	\$709,308
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI081736	Structural Biology of Multifunctional Bacterial Phosphatases	\$390,000
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$378,911
2009	HACKENSACK MEDICAL CENTER	NJ	R21AI077102	IMPACT OF BILATERAL PRIMING ON RESPONSE TO UNILATERAL FLU VACCINATION	\$174,300
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI075490	INTEGRATED DUAL-USE SYSTEMS FOR BIO-DEFENSE & SEPSIS DIAGNOSIS	\$445,977
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069395	HEMINTH MODULATION OF MTB	\$544,746
2009	HACKENSACK MEDICAL CENTER	NJ	R21AI078821	B CELL PRESENTATION OF HIV	\$261,450
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI078138	Re-specification of the Notch response by the HHV-8 lytic switch protein	\$384,960
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$382,590
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$834,555
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI080653	RAPID DIAGNOSIS OF XDR TUBERCULOSIS	\$527,054
2009	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI076245	MECHANISM OF TRANSLATION ELONGATION FACTOR 2 INHIBITION BY BACTERIAL TOXINS	\$195,560

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI082174	Development of a second generation MDR-XDR TB assay	\$1,343,464
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI084137	MULTIPLEX NANOCARRIER-BASED HYDROGELS FOR PREVENTION OF VAGINAL HIV TRANSMISSION.	\$386,250
2009	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI072399	FUNCTIONAL DISSECTION OF TOXIN-ANTITOXIN SYSTEMS IN MYCOBACTERIUM TUBERCULOSIS	\$258,875
2009	SNOWDON INC	NJ	R43AI078763	DEVELOPMENT OF AN INHIBITOR OF TOXOPLASMA GONDII	\$311,662
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI054338	HOST-PATHOGEN DETERMINANTS OF M.TB LATENCY	\$572,882
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI031678	CYTOKINE GENE EXPRESSION DURING IN VIVO IMMUNE RESPONSE	\$390,000
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$483,545
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F31AI075859	HELMINTH MODULATION OF THE PROTECTIVE IMMUNE RESPONSE TO TUBERCULOSIS	\$25,176
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI074919	AUTOPHAGIC DEFENSE AGAINST INTRACELLULAR PARASITES	\$195,000
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI069537	NJMS CLINICAL TRIALS UNIT: TARGETING PEDIATRIC, ADOLESCENT, AND MATERIAL HIV INFE	\$744,915
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI046283	ANTIGENIC PROPERTIES OF THE V1/V2 DOMAIN OF HIV-1 GP120	\$523,908
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R56AI037081	HUMAN B CELL DIFFERENTIATION IN A MODEL SYSTEM	\$305,185
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI076084	TRIAZOLE HYPERSENSITIVITY IN CANDIDA ALBICANS	\$234,000
2009	PRINCETON UNIVERSITY	NJ	R01AI078063	METABOLOMICS OF THE VIRUS-HOST CELL INTERACTION	\$305,198
2009	PRINCETON UNIVERSITY	NJ	F32AI073043	GLOBAL ANALYSIS OF CAULOBACTER PROTEIN LOCALIZATION	\$51,710
2009	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI027690	HIV-1 REVERSE TRANSCRIPTASE STRUCTURE: FUNCTION, INHIBITION, AND RESISTANCE	\$772,498
2009	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI074477	STRUCTURE-BASED DEVELOPMENT OF NONNUCLEOSIDE ANTI-HIV-1 RT DRUGS	\$209,110
2009	ADVANCED BIODEVICES LLC	NJ	R21AI082738	MICROBICIDE DELIVERY SYSTEM TO TARGET LYMPHOID ORGANS	\$207,980
2009	SIGNUM BIOSCIENCES INC	NJ	R44AI062034	A TOPICAL NON STEROIDAL ANTI-INFLAMMATORY FOR ROSACEA	\$785,099
2009	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R33AI071954	Peptide Deformylase Inhibitor LBM415 for Sexually Transmitted Infections	\$327,162

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2009	MESA TECH INTERNATIONAL INC	NM	R01AI072334	NUCLEIC ACID DIPSTICK FOR RAPID AVIAN FLU DETECTION AT POINT-OF-CARE	\$727,411
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI042999	Pattern Recognition Receptors and Autophagy in Mtb Control in AIDS	\$437,500
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051575	MAPPING FOR SPECIALIZED DOMAINS FOR FCERI SIGNALING & INTERNALIZATION	\$404,915
2009	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotoxin Diagnostics	\$671,741
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067686	MOLECULAR STUDIES OF IMMUNOPARASITOLOGY IN SNAILS	\$367,875
2009	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI077072	TRACKING THE 3-D INTRACELLULAR SPATIAL TRAJECTORY OF AN INDIVIDUAL IGE MOLECULE	\$278,365
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI024340	BIOLOGY OF TREMATODE-SNAIL ASSOCIATIONS	\$321,486
2009	LOS ALAMOS NATIONAL SECURITY LLC	NM	R37AI028433	IMMUNE SYSTEM MODELING/HIV	\$266,796
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	P01AI056295	PULMONARY RESPONSES TO BIOWEAPON CATEGORY A PATHOGENS	\$2,848,175
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$375,000
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI069345	AUTOPHAGY IN TUBERCULOSIS	\$365,423
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	K22AI068712	POTENTIAL ROLE OF H. PYLORI-INDUCED MIF IN GASTRIC CANCER	\$100,329
2009	CALDERA PHARMACEUTICALS INC	NM	R43AI079935	XRPRO DISCOVERY OF DECORPORATION AGENTS	\$300,000
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	U19AI084081	UNIVERSITY OF NEW MEXICO INTERDISCIPLINARY HPV PREVENTION CENTER	\$2,585,878
2009	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	U01AI074561	T5000 DIAGNOSTIC SYSTEM IN FERRET MODEL OF INFLUENZA	\$737,381
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI066045	T. CRUZI MOLECULAR TARGETS FOR VECTOR PARATRANSGENESIS	\$369,970
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051305	GENETIC BASIS OF SEVERE MALARIAL ANEMIA	\$550,753
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI064926	INNATE IMMUNITY AND BACTERIAL QUORUM SENSING	\$348,812
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$367,875
2009	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$246,195
2009	NEW MEXICO HIGHLANDS UNIVERSITY	NM	SC2AI081657	PHARMACEUTICAL POLYMORPHS: AN ELECTRONIC APPROACH	\$108,750
2009	UNIVERSITY OF NEVADA-RENO	NV	U01AI061200	PGA ANTIGENEMIA FOR EARLY DIAGNOSIS OF ANTHRAX	\$833,887

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2009	Whittemore Peterson Institute for Neuro-Immune Disease	NV	R01AI078234	NEW STRATEGIES TO DECIPHER THE PATHOPHYSIOLOGY OF CHRONIC FATIGUE SYNDROME	\$335,600
2009	UNIVERSITY OF NEVADA-LAS VEGAS	NV	R21AI078708	IDENTIFICATION OF SHORT FUNCTIONAL MOTIFS AS POTENTIAL DRUG TARGETS FOR HIV	\$130,517
2009	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$303,468
2009	UNIVERSITY OF NEVADA-RENO	NV	R01AI059348	B. ANTHRACIS: PASSIVE IMMUNIZATION WITH ANTICAPSULAR MAB	\$526,695
2009	UNIVERSITY OF NEVADA-RENO	NV	R01AI014209	CRYPTOCOCCAL POLYSACCHARIDE-PHAGOCYTOSIS INHIBITION	\$399,185
2009	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$367,171
2009	COLD SPRING HARBOR LABORATORY	NY	R13AI078720	2008 CSHL GENE EXPRESSION AND SIGNALING IN THE IMMUNE SYSTEM CONFERENCE	\$1
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI075141	AN ALTERNATE PATHWAY TO AUTOIMMUNITY	\$373,500
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052459	REGULATION AND FUNCTION OF MYOTYBULARINS	\$374,129
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$419,892
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI076635	GENETIC DIVERSITY IN VIRULENCE GENES OF PLASMODIUM FALCIPARUM	\$130,950
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$569,222
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI031788	NEW OPPORTUNISTIC INFECTIONS IN AIDS MICROSPORIDIOSIS	\$398,924
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050754	RHINOVIRUS PATHOGENESIS AND HOST RANGE	\$399,703
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI045658	GENE EXPRESSION IN M. TUBERCULOSIS	\$379,142
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI051340	IRES-mediated translation initiation on viral mRNAs	\$222,588
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$313,189
2009	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$294,315
2009	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$3,513,216
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059663	MONOCLONAL ANTIBODIES TO INHIBIT ASPERGILLUS GERMINATION	\$395,309
2009	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$541,639
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI048371	HIV VACCINES THAT ELICIT IMMUNE RESPONSES TO VIRUS ENV	\$321,962
2009	UNIVERSITY OF ROCHESTER	NY	R37AI033713	REGULATION OF PSEUDOMONAS AERUGINOSA PROTEASES	\$371,495

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2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059893	INTERFERON IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$404,835
2009	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$565,666
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$442,288
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064678	REGULATION OF RECALL RESPONSES DURING EHRlichiosis	\$334,471
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$338,150
2009	UNIVERSITY OF ROCHESTER	NY	R24AI054953	HUMAN IMMUNOLOGY CENTER AT THE UNIVERSITY OF ROCHESTER	\$886,541
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI075805	MEDIATION OF DNA REPAIR IN MYCOBACTERIA BY CARD PROTEINS AND ADP-RIBOSYLATION	\$51,710
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$4,300
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072238	IMMUNITY INDUCED BY MODIFIED ADENOVIRUS FIBER	\$412,020
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI056070	ANTIBODY PROTECTION IN HISTOPLAMOSIS	\$347,418
2009	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$440,295
2009	CORNELL UNIVERSITY	NY	R03AI079796	A NOVEL MODEL FOR THE STUDY OF PRIMARY IMMUNODEFICIENCY: THE EQUINE CVID	\$77,000
2009	UNIVERSITY OF ROCHESTER	NY	T32AI007362	TRAINING IN MICROBIAL PATHOGENESIS	\$304,909
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$42,375
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI071326	MECHANISMS OF TRANSMIGRATION OF HIV INFECTED CELLS ACROSS THE BLOOD BRAIN BARRIER	\$46,176
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	\$557,835
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI049821	TRAINING IN THE EPIDEMIOLOGY OF INFECTIOUS DISEASE	\$322,943
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI071879	DEVELOPING HIV-1 NEF AS A NOVEL DRUG TARGET	\$184,817
2009	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$342,570
2009	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$987,500
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI079695	ROLE OF HPK1 T CELL MEDIATED ANTI-TUMOR IMMUNE RESPONSE	\$254,250
2009	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R44AI072856	RAPID TEST FOR LEPTOSPIROSIS	\$919,540
2009	MERCIA PHARMA INC	NY	R41AI074114	THERAPEUTIC VACCINE FOR ASTHMA	\$299,108

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2009	SUNY, BINGHAMTON	NY	R21AI078184	THE PSEUDOMONAS AERUGINOSA BIOFILM DISPERSION RESPONSE	\$149,343
2009	SUNY, BUFFALO	NY	R01AI077520	CIS- AND TRANS-ACTING FACTORS IN MITOCHONDRIAL RNA DECAY	\$388,100
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$1,345,525
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI083878	THE INFLUENCE OF IGA ON B CELL HOMEOSTASIS	\$235,500
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI082437	TARGETS OF NOVEL EBOLA VIRUS ENTRY INHIBITORS	\$249,000
2009	NEW YORK MEDICAL COLLEGE	NY	R21AI079345	VIRULENCE GENE DISCOVERY IN OUTBREAK-ASSOCIATED PNEUMOCOCCI	\$159,000
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080755	MECHANISM AND REGULATION OF V(D)J REPAIR	\$317,290
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K08AI084578	Use of a Novel Antigen Loading Platform for Dendritic Cell-Based HIV Vaccines	\$131,900
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI072194	Elucidation of Immunoglobulin Class Switch Recombination	\$474,000
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI083883	IMMUNOLOGICAL RESPONSE TO CHINESE HERBAL MEDICINE IN FOOD ALLERGY	\$128,907
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI083491	PARTICIPATION OF MUCOSAL TYPE I INTERFERON SIGNALING IN PULMONARY DISEASE	\$235,115
2009	New York Blood Center, Inc.	NY	R01AI081604	RATIONAL DESIGN OF ANTIVIRALS TARGETED TO HIV-1 CAPSID	\$541,601
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078251	NOVEL ANTIMICROBIALS TARGETING CELL DIVISION	\$385,945
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K22AI079389	EFFECT OF IRON AVAILABILITY ON STAPHYLOCOCCUS AUREUS EXOPROTEIN PRODUCTION.	\$162,000
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$315,163
2009	SUNY, STONY BROOK	NY	R01AI075219	SYNTHETIC VIRAL GENOME DESIGN FOR RAPID VACCINE DEVELOPMENT	\$546,703
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI073190	MONITORING RESPONSE TO ARV THERAPY AND DEVELOPMENT OF HIV-1 DRUG RESISTANCE	\$130,410
2009	COLD SPRING HARBOR LABORATORY	NY	R01AI072345	BIOCHEMICAL ANALYSIS OF PAPILOMAVIRUS REPLICATION	\$420,000
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064654	ROLE OF ANTHRAX TOXIN RECEPTORS IN ANGIOGENESIS AND ENDOTHELIUM	\$402,500
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI076941	EFFECTS OF CARBON DIOXIDE ON M. TUBERCULOSIS GROWTH AND GENE EXPRESSION	\$184,816

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2009	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI041599	ANTIVIRAL AGENTS DIRECTED TO NOVEL TARGETS IN THE ADENOVIRUS PROTEINASE	\$772,490
2009	CORNELL UNIVERSITY	NY	R01AI052151	REGULATORY NETWORKS CONTRIBUTING TO L. MONOCYTOGENES TRANSMISSION AND VIRULENCE	\$340,056
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI052417	Regulation of TNF Receptor-mediated Cell Death	\$235,429
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$339,000
2009	NEW YORK MEDICAL COLLEGE	NY	R01AI065572	POPULATION GENOMICS OF STREPTOCOCCUS PYOGENES	\$339,840
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007506	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	\$308,762
2009	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	NY	R01AI033657	BACULOVIRUS ENVELOPE PROTEINS AND INSECT CELLS	\$204,939
2009	TRUDEAU INSTITUTE	NY	R01AI067967	MEMORY T CELL SUBSETS AND PULMONARY IMMUNITY	\$416,742
2009	New York Blood Center, Inc.	NY	R01AI046221	RATIONAL DESIGN OF HIV FUSION INHIBITORS TARGETING GP41	\$370,304
2009	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Womens Interagency HIV Study (WIHS) V	\$3,050,843
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072790	FOXP3 REGULATORY NETWORK MRNA PROFILES AND HUMAN RENAL TRANSPLANT OUTCOMES	\$558,101
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$275,910
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045459	VARIABLE GENE USE AND PNEUMOCOCCAL IMMUNITY IN AIDS	\$395,309
2009	UNIVERSITY OF ROCHESTER	NY	R01AI067613	REGULATORY OXYGENASES IN VASCULOPATHIC RICKETTSIOSES	\$333,196
2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$355,790
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI059739	IMMUNOBIOLOGY OF NKT CELL DEVELOPMENT AND FUNCTION	\$505,193
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052148	The Psp response of Yersina enterocolitica	\$222,469
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI067359	CHARACTERIZATION OF ASPERGILLUS FUMIGATUS SPECIFIC CD4 T CELL RESPONSES.	\$434,840
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI068591	ENGINEERED GP41 PEPTIDES AS HIV-1 TOPICAL MICROBICIDES	\$400,072
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI067138	DETERMINANTS OF HOST ADAPTATION IN A MACACA NEMESTRINA-ADAPTED HIV-2 ISOLATE	\$57,680
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$1,902,244
2009	UNIVERSITY OF ROCHESTER	NY	R01AI070826	TARGET T CELL MODULATION BY CD4+CD25+ REGULATORY T CELLS	\$377,685

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2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$303,083
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$477,250
2009	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$339,917
2009	UNIVERSITY OF ROCHESTER	NY	R01AI080401	HEMATOPOIETIC TARGETS OF RADIATION: IDENTIFICATION AND MITIGATION	\$385,000
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075193	MODULATING MMP-9 AND NEUTROPHIL RECRUITMENT: A THERAPEUTIC STRATEGY FOR TULAREMIA	\$384,100
2009	UNIVERSITY OF ROCHESTER	NY	R01AI073785	PATHOGENIC MECHANISMS OF NON-01/NON-0139 V. CHOLERAЕ	\$385,000
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI074248	Regulation of the CD4 T cell Response to Mycobacterium tuberculosis	\$51,710
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI076841	RESISTANCE OF BACILLUS ANTHRACIS TO LYSOZYME	\$201,250
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI068759	MAPPING AUTOIMMUNE PHENOTYPES IN MULTIPLEX FAMILIES	\$793,587
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R21AI080536	RADIATION COMBINED INJURY: MECHANISMS AND THERAPEUTIC APPROACHES	\$207,500
2009	TECHNOVAX INC	NY	R44AI063830	DEVELOPMENT OF INFLUENZA VIRUS-LIKE PARTICLE (VLP) VACCINES	\$822,755
2009	BIOSCIENCE DEVELOPMENT, INC	NY	R44AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$1,025,977
2009	UNIVERSITY OF ROCHESTER	NY	R01AI080770	PHOTONIC STRUCTURES FOR DIRECT ULTRASENSITIVE VIRUS DETECTION	\$342,180
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI077669	Genetic determinants of adaptation of two flaviviruses	\$329,070
2009	SUNY, BINGHAMTON	NY	R01AI075257	ROLE OF BDLA IN BIOFILM DISPERSION AND VIRULENCE PROPERTIES OF P. AERUGINOSA	\$317,922
2009	CORNELL UNIVERSITY	NY	R03AI081043	EOSINOPHILS SUSTAIN CHRONIC NEMATODE INFECTION	\$77,000
2009	NEW YORK UNIVERSITY	NY	R01AI078783	HIV-1 Replication Without Integration	\$363,948
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	F31AI081524	KIF4 MOTOR PROTEIN, REGULATES TRAFFICKING AND STABILITY OF HIV-1 GAG	\$41,176
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	\$415,699
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K23AI078755	The Ethics of Opt-Out Provider-Initiated HIV Testing in the Emergency Department	\$135,135
2009	TRUDEAU INSTITUTE	NY	F32AI084397	IL12RBETA1 ALTERNATIVE SPLICE VARIANT IN THE REGULATION OF IL12 FAMILY SIGNALING	\$50,054
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI034206	Self Peptides Bound to MHC Class II In T Cell Selection	\$474,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI081094	METABOLOMICS APPROACHES TO TB DRUG DEVELOPMENT	\$211,250
2009	UNIVERSITY OF ROCHESTER	NY	R13AI084255	CSHL CONFERENCE ON MICROBIAL PATHOGENESIS AND HOST RESPONSE	\$21,025
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080619	CD4 T CELL RESPONSES TO M. TUBERCULOSIS INFECTION	\$474,750
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI084765	R5 SHIV/MACAQUE MODELS FOR THE EVALUATION OF T AND B CELL-BASED HIV-1 VACCINES	\$897,508
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI057653	Regulation of antibody production by innate signals	\$390,669
2009	BREONICS INC	NY	R43AI081372	POTENTIAL TO IMMUNOCLOAK RENAL ALLOGRAFTS	\$200,000
2009	ROCKEFELLER UNIVERSITY	NY	F32AI069693	NOVEL ROLE OF NS2 IN HCV INFECTION	\$51,710
2009	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$448,833
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074420	MECHANISMS OF HIGHLY EFFICIENT HIV TRANSFER AT VIROLOGICAL SYNAPSES	\$414,330
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI071998	MONOCYTE-MEDIATED HOST DEFENSE AGAINST ASPERGILLUS FUMIGATUS	\$14,348
2009	TRUDEAU INSTITUTE	NY	R01AI076499	REGULATION OF MEMORY CD8+ T CELL RECRUITMENT TO THE LUNG	\$445,000
2009	ROCKEFELLER UNIVERSITY	NY	R01AI068058	CONTROL OF T CELL SIGNALING BY METHYLTRANSFERASE EZH2	\$414,473
2009	TRUDEAU INSTITUTE	NY	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$268,864
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI052774	LATE EVENTS IN RETROVIRUS ASSEMBLY	\$339,054
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI046954	VIRULENCE FACTORS OF INFLUENZA VIRUS: THE NS1 PROTEIN	\$322,914
2009	UNIVERSITY OF ROCHESTER	NY	U01AI069511	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,317,443
2009	ROCKEFELLER UNIVERSITY	NY	R01AI032489	STAT ACTIVATION: INACTIVATION CYCLE AND ACTIVATED STAT3 IN CANCER CELLS	\$402,453
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI076980	Intravaginal Ring Delivery of Safe & Effective Microbicides to Prevent HIV & HSV	\$1,680,903
2009	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$366,733
2009	UNIVERSITY OF ROCHESTER	NY	K25AI060884	POROUS SILICON OPTICAL SENSOR FOR CANDIDA DETECTION	\$129,835
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI068989	THE MEVALONATE PATHWAY IN STREPTOCOCCUS	\$546,517
2009	BRONX-LEBANON HOSPITAL CENTER	NY	U01AI069413	BRONX-LEBANON HOSPITAL CLINICAL TRIALS UNIT	\$666,887
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$272,835

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2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$536,660
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$353,125
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050234	Role of pfert in chloroquine resistance in P. falciparum	\$379,083
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI071038	CONTRIBUTION OF TOLL-LIKE RECEPTOR SIGNALING IN ISLET TRANSPLANTATION	\$129,465
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$1,238,541
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI070232	NEW STRATEGIES TO PREVENT DEATH FROM INFLUENZA	\$1,176,371
2009	UNIVERSITY OF ROCHESTER	NY	R01AI073772	ASSEMBLY OF THE MYCOBACTERIAL CELL WALL	\$382,841
2009	TRUDEAU INSTITUTE	NY	F32AI071417	ROLE OF TGF-BETA IN SCHISTOSOMA MANSONI	\$29,614
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$423,750
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$3,112,428
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI041715	REGULATION OF B CELL FUNCTION BY INTERLEUKIN 12	\$346,538
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI075570	THE ROLE OF RAB24 IN HIV-1 ASSEMBLY	\$46,176
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI078466	PRESENTATION OF STRUCTURAL DETERMINANTS OF THE 2F5 NEUTRALIZATION EPITOPE	\$210,000
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,189,510
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI072043	PATHOGENESIS & EPIDEMIOLOGY OF S EPIDERMIDIS VENTRICULAR ASSIST DEVICE INFECTIONS	\$124,308
2009	UNIVERSITY OF ROCHESTER	NY	R01AI079446	REDUCTION OF UNECESSARY ANTIBIOTICS IN ADULTS BY THE USE OF VIRAL DIAGNOSTICS	\$421,740
2009	UNIVERSITY OF ROCHESTER	NY	R01AI063399	NAD AND CD38: MODULATORS OF INFLAMMATION AND IMMUNITY	\$339,917
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI073178	VPR AS A MEDIATOR PROTEASOMAL DEGRADATION	\$346,538
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079763	NOVEL MUCOSAL MODELS PREDICTIVE OF MICROBICIDE SAFETY	\$228,250
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI078839	MECHANISMS OF INTRINSIC RESISTANCE TO HIV INFECTION IN PRIMARY HUMAN T CELLS	\$254,250
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$385,043
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI079776	HIV INTEGRASE AS A TARGET FOR TOPICAL MICROBICIDE DEVELOPMENT	\$211,875

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2009	BIOPEPTIDES INC	NY	R44AI074092	MULTI-ANTIGEN PEPTIDE ASSAY FOR THE SERODIAGNOSIS OF LYME DISEASE	\$583,580
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081615	REVEALING THE HIV-1 INTERACTOME	\$456,250
2009	ROCKEFELLER UNIVERSITY	NY	R21AI082329	A NOVEL METHOD TO IDENTIFY INTERACTING PARTNERS OF INSOLUBLE PROTEINS	\$253,000
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$131,770
2009	CORNELL UNIVERSITY	NY	R01AI076588	TOLL-LIKE RECEPTOR 9: TRAFFICKING AND SIGNALING	\$346,500
2009	RHEONIX INC	NY	U01AI082448	POINT OF CARE CARD DEVICE FOR RAPID MOLECULAR DIAGNOSTICS	\$402,185
2009	POPULATION COUNCIL, INC	NY	R01AI084133	HIV-ENVELOPE-SPECIFIC DARPIN-BASED MICROBICIDE STRATEGIES	\$488,354
2009	SIGA TECHNOLOGIES, INC	NY	R44AI075747	ST-246 TREATMENT OF SMALLPOX VACCINE-RELATED ADVERSE EVENTS	\$999,960
2009	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$339,917
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$235,750
2009	ROCKEFELLER UNIVERSITY	NY	R01AI075099	ROLE OF HCV P7 AND NS2 IN INFECTIOUS VIRUS PRODUCTION	\$421,250
2009	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$385,000
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI047033	THE TRANSMISSION AND FITNESS OF DRUG RESISTANT HIV-1	\$612,545
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI062980	DENDRITIC CELL BEHAVIOR AT THE MATERNAL/FETAL INTERFACE	\$392,994
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$482,336
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$666,048
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI053417	CYCLOPROPANE SYNTHETASES AND M.TUBERCULOSIS PATHOGENESIS	\$474,750
2009	UNIVERSITY OF ROCHESTER	NY	R01AI068056	GENERATION AND MAINTENANCE OF INFLUENZA-SPECIFIC PLASMA AND MEMORY B CELLS	\$330,059
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$474,000
2009	TRUDEAU INSTITUTE	NY	R01AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$432,754
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI051966	ANTIRETROVIRAL THERAPY FOR HIV-INFECTED PATIENTS	\$183,986

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2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI028900	ISGF3 TRANSCRIPTION FACTOR FAMILY IN CYTOKINE SIGNALING	\$607,207
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI059742	REGULATION OF CHEMOKINE RECEPTOR EXPRESSION IN SEPSIS	\$275,048
2009	CORNELL UNIVERSITY	NY	R01AI064430	DEVELOPMENT OF A NOVEL STRATEGY OF ADJUVANT DISCOVERY	\$408,329
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$282,537
2009	UNIVERSITY OF ROCHESTER	NY	R01AI063353	T CELL RESPONSES TO LIVER ANTIGENS	\$362,764
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24 a novel inhibitor of interferon and oxidative stress signaling	\$459,524
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$415,000
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	U54AI057158	Northeast Biodefense Center	\$9,662,587
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$447,827
2009	ROCKEFELLER UNIVERSITY	NY	U19AI040034	HEPATITIS C: STUDIES OF IMMUNITY AND PATHOGENESIS	\$821,545
2009	CORNELL UNIVERSITY	NY	R01AI062995	EVOLUTIONARY GENOMICS OF ANTI-MALARIA GENES IN MOSQUITO	\$358,201
2009	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$222,907
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI075625	MECHANISMS UNDERLYING T HELPER SUPPRESSION BY REGULATORY T CELLS	\$8,984
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI072487	TYPE IV SECRETION SYSTEMS IN LEGIONELLA PNEUMOPHILA	\$366,404
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI078884	COMPLICATIONS OF CHRONIC VIRAL INFECTIONS	\$175,103
2009	UNIVERSITY OF ROCHESTER	NY	R01AI023302	MONOCLONAL ANTIBODIES FOR THE STUDY OF P. CARINII	\$362,764
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI077333	CHARACTERIZATION OF THE ANTI-INTERFERON PROPERTIES OF THE DENGUE NS4B	\$34,392
2009	CORNELL UNIVERSITY	NY	R01AI066054	SYNAPTOTAGMIN FUNCTION IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$358,802
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI071078	MODULATING IMMUNITY THROUGH DENDRITIC CELL PHAGOCYtic RECEPTORS	\$423,750
2009	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079729	RESISTANCE SUPPRESSION FOR INFLUENZA VIRUS WITH COMBINATION CHEMOTHERAPY	\$651,410
2009	SUNY, BUFFALO	NY	K22AI070647	CCR4 IN THE MAINTENANCE OF THERMOTOLERANCE AND PATHOGENICITY OF C. NEOFORMANS	\$107,443
2009	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$1,000,339

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2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI076178	STRUCTURAL ANALYSIS , MUTATION AND THERAPEUTIC USE OF TCRS FROM HIV-SPECIFIC CTLs	\$207,500
2009	CORNELL UNIVERSITY	NY	R01AI073368	EVOLUTIONARY GENOMICS AND POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$547,464
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$312,961
2009	APPLIED BIOMATHEMATICS, INC	NY	R44AI077146	OUTBREAK DETECTION:COMBINATORIAL TESTS FOR SMALL SAMPLES	\$374,964
2009	UNIVERSITY OF ROCHESTER	NY	R01AI077401	TARGETING PI3K/AKT CELL SURVIVAL PATHWAY AS A NOVEL ANTI-HIV THERAPY	\$346,500
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$312,546
2009	TRUDEAU INSTITUTE	NY	R01AI071295	ROLES FOR COAGULATION IN IMMUNITY	\$445,000
2009	UNIVERSITY OF ROCHESTER	NY	F31AI071380	MODIFIED LAMBDA PHAGE FOR HIV VACCINE DELIVERY	\$34,729
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI083381	EPITHELIAL TLR SIGNALING AND IGA PRODUCTION	\$254,250
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI083408	QUANTITATIVE MODELING OF THE PHENOTYPIC VARIABILITY OF INDIVIDUAL T CELLS AND THE	\$474,859
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R21AI083769	THE FUNCTION OF THE NKT CELL DETERMINANT, PLZF, IN MUCOSAL LYMPHOCYTES.	\$332,500
2009	SUNY, STONY BROOK	NY	R01AI015122	PICORNAVIRUS MOLECULAR BIOLOGY	\$382,487
2009	SUNY, BUFFALO	NY	R21AI074791	GONOCOCCAL INFLAMMATORY IMMUNE RESPONSES	\$237,750
2009	CORNELL UNIVERSITY	NY	F32AI084436	SYNAPTOTAGMIN A AND C IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$50,054
2009	UNIVERSITY OF ROCHESTER	NY	RC1AI081274	A NOVEL MITIGATOR FOR RADIATION LUNG INJURY	\$993,471
2009	CORNELL UNIVERSITY	NY	R21AI076958	PRIMING AND FUSION ACTIVATION OF THE SARS CORONAVIRUS SPIKE GLYCOPROTEIN	\$192,500
2009	UNIVERSITY OF ROCHESTER	NY	R01AI072139	NEW VACCINE AGAINST INFLUENZA	\$384,584
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI075250	SYNERGISTIC EXTRA AND INTRACELLULAR RECOGNITION OF F. TULARENSIS	\$235,500
2009	UNIVERSITY OF ROCHESTER	NY	R34AI080845	CONTROLLED TRIAL OF LIVE ATTENUATED INFLUENZA VACCINE IN VERY PREMATURE INFANTS	\$276,534
2009	TRUDEAU INSTITUTE	NY	R01AI073564	T CELL RESPONSES TO CHRONIC BACTERIAL INFECTION	\$439,360
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$447,224

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068820	MECHANISMS OF IMMUNOSUPPRESSIVE ACTIONS OF GLUCOCORTICOIDS	\$386,269
2009	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI065786	STABLE CARBOHYDRATE LIBRARIES IN INFECTIOUS DISEASE	\$384,618
2009	UNIVERSITY OF ROCHESTER	NY	R21AI076085	INVESTIGATION OF APOBEC3G/VIF INTERACTIONS BY SAXS AND X-RAY CRYSTALLOGRAPHY	\$231,000
2009	TRUDEAU INSTITUTE	NY	R01AI069121	T CELL MEMORY TO TB IN THE LUNG	\$445,000
2009	COLD SPRING HARBOR LABORATORY	NY	R01AI046724	THE REPLICATION INITIATOR PROTEIN E1 AND ITS INTERACTION WITH DNA	\$299,954
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041706	THE ROLE OF IRF PROTEINS IN GENE TRANSCRIPTION	\$275,909
2009	CORNELL UNIVERSITY	NY	R01AI063036	REOVIRUS FACTORIES: STRUCTURE, FUNCTION, AND DYNAMICS	\$293,932
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$190,628
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$394,157
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI069532	NEW YORK UNIVERSITY HIV/AIDS CLINICAL TRIAL UNIT	\$1,600,805
2009	CUNY, RESEARCH FOUNDATION	NY	R01AI060014	CATALYSIS OF ISONIAZID ACTION BY M TUBERCULOSIS KATG	\$320,211
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI013509	CELLULAR AND STRUCTURAL STUDIES OF MYELOMA MUTANTS	\$67,110
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$422,500
2009	SUNY, STONY BROOK	NY	R01AI044639	TARGETTING INHA FOR ANTI-TB DRUG DISCOVERY	\$257,195
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063530	MOSQUITO INJECTION OF PLASMODIUM SPOROZOITES INTO SKIN	\$559,390
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI039454	TOXOPLASMA ENCEPHALITIS IN AIDS: BRADYZOITE REGULATION	\$347,418
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063477	ETIOLOGY & PATHOGENESIS OF CHRONIC TONSILLAR HYPERTROPHY	\$314,396
2009	UNIVERSITY OF ROCHESTER	NY	F31AI068610	NONCLASSICAL MHC AND EARLY THYMOCYTE DEVELOPMENT	\$23,928
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063142	AD5 FIBER AND PENTON MTS: INFLUENCE ON IMMUNE ACTIVATION	\$390,669
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$380,061
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI073736	POXVIRUS INTERFACE WITH SKIN IMMUNE SYSTEM, DEVELOPMENT OF ANTI-POXVIRUS DRUGS	\$134,298
2009	ROCKEFELLER UNIVERSITY	NY	P01AI051573	INNATE FUNCTIONS OF DENDRITIC CELLS IN AUTOREACTIVITY	\$2,001,275

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2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$297,074
2009	UNIVERSITY OF ROCHESTER	NY	U19AI067733	CENTER FOR BIOPHYSICAL ASSESSMENT AND RISK MANAGEMENT FOLLOWING IRRADIATION	\$4,039,010
2009	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$116,665
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI041945	PHENOTYPIC AND GENETIC DETERMINANTS OF SHIV PATHOGENESIS	\$597,537
2009	POPULATION COUNCIL, INC	NY	U01AI066735	PARTNERSHIP FOR DEVELOPING BROAD-SPECTRUM MICROBICIDES	\$398,049
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$1,435,679
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$339,000
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI035370	HUMAN ANTIBODIES TO CRYPTOCOCCUS NEOFORMANS	\$386,018
2009	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$162,262
2009	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI030653	GENE EXPRESSION IN MYELOMA CELLS	\$322,801
2009	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI070860	TFE3 AND TFEB IN CD40L DEPENDENT MURINE AUTOIMMUNITY AND HUMAN LUPUS	\$344,331
2009	UNIVERSITY OF ROCHESTER	NY	R21AI079537	MECHANISMS OF NON-NEUTRALIZING ANTIBODY-MEDIATED PROTECTION FROM INFLUENZA VIRUS	\$192,500
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080455	STRATEGIES TO ENHANCE LYMPHOID RECOVERY AFTER RADIATION-INDUCED INJURY	\$474,750
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079352	ELICITING NEUTRALIZING ANTIBODIES AGAINST THE HCV E2 ENVELOPE GLYCOPROTEIN	\$207,500
2009	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R21AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$217,425
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI076927	STRUCTURAL AND FUNCTIONAL STUDIES OF THE CASPASE ACTIVATING COMPLEX PIDDOSOME	\$380,250
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI070411	VIRAL ARRAYS FOR BIODEFENSE	\$827,411
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	\$84,750
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI083038	Enhance Prevention in Couples (EPIC)	\$987,000
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$141,989

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2009	TRUDEAU INSTITUTE	NY	R13AI084379	MUCOSAL IMMUNITY: A TRUDEAU INSTITUTE WORKSHOP	\$6,500
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI083963	FUNCTIONAL ANALYSIS OF THE FRANCISELLA CAPBCA GENE LOCUS	\$235,500
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$461,448
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI051652	Biomolecular Markers for Safe Minimization of Immunosuppression	\$422,500
2009	ROCKEFELLER UNIVERSITY	NY	P01AI081677	NOVEL APPROACHES FOR VACCINE DESIGN	\$1,777,832
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI081725	PH HOMEOSTASIS IN MYCOBACTERIUM TUBERCULOSIS	\$552,009
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI079771	SMALL-MOLECULE INHIBITORS OF GP41-MEDIATED FUSION AS HIV-1 TOPICAL MICROBICIDES	\$232,429
2009	CORNELL UNIVERSITY	NY	R21AI083526	ROLE OF INTRAEPITHELIAL T CELLS IN TOXOPLASMA GONDII-INDUCED INFLAMMATORY ILEITIS	\$231,000
2009	CUNY, RESEARCH FOUNDATION	NY	SC1AI084899	MODELING MEMBRANE BINDING AND PERMEABILIZATION BY ANTIMICROBIAL PEPTIDES	\$247,900
2009	INTERNATIONAL AIDS VACCINE INITIATIVE	NY	R01AI084840	USING VSV VECTORS TO DISPLAY AND EVOLVE NOVEL HIV ENVELOPE IMMUNOGENS	\$354,595
2009	ROCKEFELLER UNIVERSITY	NY	F32AI084448	HEPATITIS C VIRUS HOST INTERACTIONS IN MICROPATTERENED HEPATOCYTE CO-CULTURES	\$47,210
2009	CORNELL UNIVERSITY	NY	R01AI080651	DEVELOPMENT OF A CELL-BASED HTS FOR COMPOUNDS WITH ACTIVITY AGAINST TUBERCULOSIS	\$363,063
2009	ROCKEFELLER UNIVERSITY	NY	K23AI084855	CHARACTERIZATION OF THE IMMUNITY INDUCED BY A DEC205-TARGETED HIV VACCINE	\$137,160
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI083041	REGULATED INTRAMEMBRANE PROTEOLYSIS IN MYCOBACTERIUM TUBERCULOSIS	\$47,210
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI071815	HIV ENV-INDUCED SYNAPSE AND SIGNALING	\$49,852
2009	New York Blood Center, Inc.	NY	R01AI068002	SARS-COV S PROTEIN RECEPTOR-BINDING DOMAIN-BASED VACCINES	\$362,489
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI067136	MECHANISMS OF IN VIVO PROTECTION FROM HIV INFECTION	\$407,115
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$419,259
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$339,000
2009	CORNELL UNIVERSITY	NY	R01AI028385	MECHANISMS OF PARVOVIRUS INFECTION AND HOST RANGE	\$423,425
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$1,567,075

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI030165	POST-TRANSCRIPTIONAL REGULATION OF INFLAMMATORY MEDIATORS	\$412,020
2009	UNIVERSITY OF ROCHESTER	NY	R01AI041387	IMPACT OF NNRTI-RESISTANCE ON RNASE H & HIV REPLICATION	\$377,685
2009	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$344,331
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$482,291
2009	ROCKEFELLER UNIVERSITY	NY	R01AI021729	MOLECULAR GENETICS OF TRYPANOSOME ANTIGENIC VARIATION	\$542,533
2009	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$414,473
2009	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$314,000
2009	SUNY, BUFFALO	NY	R01AI028304	DEVELOPMENT OF A VACCINE FOR MORAXELLA CATARRHALIS	\$293,002
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052473	Natural History of Urban Leptospirosis	\$378,486
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$883,176
2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059636	INTERFERON REGULATION IN SYSTEMIC LUPUS	\$399,199
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI046980	TRANSMISSION & PATHOGENESIS OF X4 & R5 SHIVS	\$539,078
2009	COLUMBIA UNIVERSITY	NY	U01AI069470	COLUMBIA COLLABORATIVE HIV/AIDS CLINICAL TRIALS UNIT	\$2,931,000
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064481	GENE EXPRESSION PATTERNS AND LIFESTYLES IN LEGIONELLA	\$612,343
2009	NEW YORK MEDICAL COLLEGE	NY	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$371,495
2009	UNIVERSITY OF ROCHESTER	NY	R01AI061511	GENERATION OF EFFECTIVE MEMORY CD8 T CELLS TO INFLUENZA	\$322,304
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$593,634
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI063932	CONTRIBUTION OF TNF-ALPHA TO MUCUS CELL PRODUCTION IN ASTHMA	\$124,065
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$371,654
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$422,291
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI066116	REGULATORY MODULES IN NORMAL AND TRANSFORMED B-CELLS	\$517,191
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI058893	DIFFERENTIATION IN T.CRUZI:AN EMERGING AIDS PATHOGEN	\$347,418
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$525,632

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2009	ROCKEFELLER UNIVERSITY	NY	R01AI065508	BIOCHEMICAL MECHANISM OF POXVIRUS REPLICATION	\$353,697
2009	ROCKEFELLER UNIVERSITY	NY	R01AI045816	M. LEPRAE-INDUCED CONTACT-DEPENDENT DEMYELINATION	\$314,396
2009	ROCKEFELLER UNIVERSITY	NY	R37AI040045	DENDRITIC CELLS AND THE PATHOGENESIS OF HIV-1 INFECTION	\$665,115
2009	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$269,354
2009	ORDWAY RESEARCH INSTITUTE INC	NY	P01AI060908	CHOOSING DRUG DOSES FOR BIODEFENSE PATHOGENS	\$1,860,566
2009	UNIVERSITY OF ROCHESTER	NY	K23AI067501	IMMUNE MECHANISMS OF SEVERE RSV DISEASE- T CELL AND ANTIBODY RESPONSES	\$135,967
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$394,157
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007623	PHYSICIAN SCIENTIST RESEARCH TRAINING IN PATHOGENESIS OF VIRAL DISEASES	\$129,250
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$2,485,102
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069032	IMMUNIZATION AGAINST PSEUDOMONAS AERUGINOSA BY MODIFIED AD VECTORS	\$422,317
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI054455	TO MODEL CROSSREACTING T-MEMORY OF VIRUS-INFECTED MICE	\$491,940
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI072055	SADOFSKY-RAG1 N-TERMINAL DOMAIN BINDING INTERACTIONS	\$249,000
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K22AI074908	ROLE OF ENDOSOMAL CYSTEINE PROTEASE IN EBOLA AND MARBURG VIRUS ENTRY	\$108,000
2009	SUNY, STONY BROOK	NY	U01AI070383	CHEMOTHERAPEUTICS AGAINST MULTI-DRUG RESISTANT TUBERCULOSIS	\$854,641
2009	SUNY, STONY BROOK	NY	R01AI068463	CELLULAR PROTEINS INVOLVED IN TRAFFICKING OF HIV-1	\$339,331
2009	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$346,500
2009	CORNELL UNIVERSITY	NY	R21AI079532	DEVELOPING ICAM-1 FOR RHINOVIRUS THERAPEUTICS	\$238,500
2009	ROCKEFELLER UNIVERSITY	NY	R01AI011822	PROPERTIES OF STREPTOCOCCAL M PROTEIN	\$422,291
2009	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI073354	REGULATION OF HOST-ADAPTATION OF THE LYME DISEASE SPIROCHETE BORRELIA BURGDORFERI	\$198,125
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI076408	MECHANISMS INVOLVED IN, AND DEVELOPMENT OF, FCR-ENHANCED MUCOSAL VACCINATION	\$378,250
2009	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079578	RESISTANCE SUPPRESSION FOR P. AERUGINOSA USING NOVEL COMBINATION THERAPY MODELING	\$782,530

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2009	UNIVERSITY OF ROCHESTER	NY	R01AI077674	B-CELL TOLERANCE MECHANISMS IN HUMAN SLE	\$371,500
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI084119	Structure-Based Characterization of gp120 Non-V3 Variable Loop Epitopes	\$625,925
2009	UNIVERSITY OF ROCHESTER	NY	R01AI072689	FUNCTION OF NALT IN NASAL IMMUNIZATION TO HETEROTYPIC STRAINS OF INFLUENZA	\$339,917
2009	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI081068	ROLE OF BLK IN GAMMA DELTA T CELL DEVELOPMENT AND FUNCTION	\$196,250
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080885	Roles of nucleoporins in RORgammat-dependent immune functions	\$422,709
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI072259	Regulation of Innate Immunity by Pypin Proteins	\$365,000
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI077690	MODELING OF S. AUREUS TRANSMISSION IN NORTHERN MANHATTAN.	\$595,698
2009	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI079253	Role of NADPH Oxidase in Regulating Inflammation	\$425,047
2009	SUNY, BINGHAMTON	NY	R01AI080710	Role of PA4878 in biofilm antimicrobial resistance	\$314,678
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI082536	RISK FACTORS FOR SPREAD OF STAPHYLOCOCCUS AUREUS IN PRISONS.	\$694,871
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	RC1AI080309	RECONSTITUTION OF THROMBOPOIESIS BY ANGIOGENIC FACTORS	\$500,000
2009	UNIVERSITY OF ROCHESTER	NY	R01AI084808	UNDERSTANDING THE GENERATION OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$538,412
2009	ROCKEFELLER UNIVERSITY	NY	R21AI079629	DEVELOPMENT OF A GENETICALLY TRACTABLE NEMATODE MODEL OF ALPHAVIRUS INFECTION	\$252,875
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R00AI077800	STUDIES OF HEPATITIS C VIRUS POLARIZED CELL ENTRY AND HOST FACTOR REQUIREMENTS	\$249,000
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI029690	Aberrant Signaling in B1 Cells	\$465,833
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$519,922
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$420,000
2009	CORNELL UNIVERSITY	NY	R01AI073831	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$378,107
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$423,750
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI030138	MOLECULAR GENETICS OF EXOTOXIN REGULATION IN S AUREUS	\$423,374
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$161,735
2009	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$73,640

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2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$363,212
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI007289	MOLECULAR AND STRUCTURAL BASIS FOR T CELL COSTIMULATION	\$763,686
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI060905	DOWN-REGULATION OF MHC CLASS L MOLECULES BY HCMV US2	\$381,127
2009	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$289,332
2009	CORNELL UNIVERSITY	NY	R01AI052341	Nucleocapsid Envelopment Herpes Simplex Virus-1	\$436,709
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI069209	MYCOBACTERIAL PDIM/PGL: SYNTHESIS PATHWAY AND INHIBITION	\$313,427
2009	UNIVERSITY OF ROCHESTER	NY	R01AI051542	IMMUNODOMANCE IN CD RESPONSES	\$385,000
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI046985	SERINE PROTEINASES IN APICOMPLEXAN PARASITES	\$347,418
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062855	IL-6 AND EARLY TH2 COMMITMENT	\$354,743
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI061484	H2-O MEDIATED ANTIGEN FOCUSING MODULATES B CELL IMMUNITY	\$424,620
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI058211	IFN-IS AT THE INTERFACE OF INNATE AND ADAPATIVE IMMUNITY	\$235,107
2009	SUNY, STONY BROOK	NY	R01AI060866	GC1Q-R/P33: STRUCTURE FUNCTION AND ROLE ON INFLAMMATION.	\$295,291
2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$316,256
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI064003	DISCOVERY AND MECHANISM OF ANTIRETROVIRAL FACTORS	\$418,574
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$478,446
2009	ROCKEFELLER UNIVERSITY	NY	R01AI057905	STUDIES ON ZAP, A BROAD-SPECTRUM ALPHAVIRUS INHIBITOR	\$353,697
2009	ROCKEFELLER UNIVERSITY	NY	R01AI040874	DENDRITIC CELLS AS ADJUVANTS FOR RESISTANCE TO HIV-1	\$0
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI061679	ROLE OF CALCIUM SIGNALING IN HSV-2 INVASION	\$347,418
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068776	SIRNA-MEDIATED SILENCING OF VIRAL INFECTION & VIRAL SUPPRESSORS OF RNA SILENCING	\$356,254
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069419	CORNELL CLINICAL TRIALS UNIT	\$1,345,095
2009	TRUDEAU INSTITUTE	NY	R01AI053825	DENDRITIC CELL FUNCTION IN SCHISTOSOMIASIS	\$355,175
2009	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$292,072
2009	ROCKEFELLER UNIVERSITY	NY	R01AI063233	HOST FACTORS IN THE ALPHAVIRUS REPLICATION COMPLEX	\$314,396
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$503,279

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2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI045138	IMMUNOGENICITY OF SYNTHETIC PEPTIDE MALARIA VACCINES	\$487,231
2009	UNIVERSITY OF ROCHESTER	NY	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	\$108,598
2009	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$362,386
2009	UNIVERSITY OF ROCHESTER	NY	U19AI056390	AUTOIMMUNITY CENTER OF EXCELLENCE - ROCHESTER	\$693,000
2009	SUNY, STONY BROOK	NY	T32AI007539	Molecular and Cell Biology of Infectious Diseases	\$135,976
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$432,664
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$383,754
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$1,648,225
2009	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predocctoral Training Program in Immunology	\$143,401
2009	ROCKEFELLER UNIVERSITY	NY	K08AI075031	THE PATHOGENESIS OF AUTOIMMUNITY IN HEPATITIS C VIRUS INFECTION	\$140,400
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$394,330
2009	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068900	LYMPHOID TISSUE MICROVESSEL GROWTH	\$386,269
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070469	LIVE ATTENUATED VACCINES FOR EPIDEMIC AND PANDEMIC FLU	\$1,914,536
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$1,977,464
2009	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$358,787
2009	UNIVERSITY OF ROCHESTER	NY	R21AI078459	CELLULAR ORIGINS OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$305,316
2009	CORNELL UNIVERSITY	NY	T32AI007618	TRAINING IN MOLECULAR VIROLOGY AND PATHOGENESIS	\$131,097
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$133,110
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$337,717
2009	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,265,804
2009	CORNELL UNIVERSITY	NY	R21AI076828	MALE ACCESSORY GLAND PROTEINS OF THE DENGUE VECTOR MOSQUITO Aedes Aegypti: POTENT	\$192,500
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI081510	OPTIMIZING ADENOVIRAL VECTOR TO ELICIT A POTENT ANTI-MALARIA IMMUNITY	\$456,250
2009	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$177,080

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2009	TRUDEAU INSTITUTE	NY	R01AI072296	THE ROLE OF IL-4 AND IL-4RALPHA IN THE MULTI-STEP PROCESS OF TH2 DEVELOPMENT	\$392,891
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$361,600
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI074238	IN VIVO PHENOTYPIC EFFECTS OF NATURALLY OCCURRING SEQUENCE VARIATIONS IN WNV	\$54,014
2009	UNIVERSITY OF ROCHESTER	NY	F31AI071412	CHRONIC STRESS AND MEMORY RESPONSES TO LISTERIA	\$41,176
2009	PROGENICS PHARMACEUTICALS, INC	NY	P01AI082362	Structure and Immunogenicity of Cleaved, Stabilized HIV-1 Envelope Trimers	\$2,860,535
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI079709	PHARMACOLOGIC APPROACHES TO COMBATING RESISTANCE TO ANTIMALARIAL COMBINATIONS	\$589,796
2009	COLUMBIA UNIVERSITY	NY	R25AI080566	SUMMER IMMUNOLOGY RESEARCH PROGRAM FOR HIGH SCHOOL SCIENCE TEACHERS	\$122,776
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI081538	THE IMPACT OF MOBILITY ON HIV CARE IN NEW YORK CITY AND THE DOMINICAN REPUBLIC	\$130,113
2009	CORNELL UNIVERSITY	NY	F32AI081482	GENETICS OF MYCOBACTERIUM TUBERCULOSIS ADAPTATION TO THE MACROPHAGE PHAGOSOME	\$49,646
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI083284	A novel virus-derived adjuvant	\$419,666
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI080624	MODULATION OF THE HOST RESPONSE TO INFLUENZA VIRUS INFECTION: THE IKKE KINASE	\$415,938
2009	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	T32AI083223	Immunology Physician Scientist	\$61,895
2009	BETH ISRAEL MEDICAL CENTER	NY	R01AI083035	MULTIPLE HIV PREVENTION PACKAGES FOR IDUS IN ESTONIA	\$779,183
2009	New York Blood Center, Inc.	NY	R01AI078314	The development of a recombinant vaccine against human onchocerciasis	\$708,326
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI080176	THE ROLE OF UBIQUITINATION ON TBK1 FUNCTION	\$37,176
2009	UNIVERSITY OF ROCHESTER	NY	R01AI075033	CHEMICAL GENETIC HTS ASSAY FOR INHIBITORS OF FUNGAL CELL WALL INTEGRITY	\$346,500
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R13AI084389	MANY HOSTS OF MYCOBACTERIA MEETING	\$18,760
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI085584	EXPLOITING FATTY ACID METABOLISM TO CURE MALARIA	\$401,042
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$499,990

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2009	COLD SPRING HARBOR LABORATORY	NY	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$420,000
2009	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI069991	ASSESSMENT OF VACCINE/MICROBICIDE COMBINATION EFFICACY IN THE MACAQUE MODEL	\$1,280,247
2009	SUNY, STONY BROOK	NY	R01AI041636	ADENOVIRUS AS A VECTOR FOR GENE THERAPY	\$376,408
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI077451	THE IMMUNOGLOBULIN GENE USAGE FOR ANTI-V3 MONOCLONAL ANTIBODIES	\$211,875
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$316,431
2009	CORNELL UNIVERSITY	NY	R01AI050617	SIGNAL TRANSDUCTION DURING TOXOPLASMA INFECTION	\$379,255
2009	TRUDEAU INSTITUTE	NY	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$300,553
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI049512	PURINE PATHWAYS AND INHIBITOR DESIGN IN PLASMODIUM	\$482,185
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI062931	CBL MEDIATED UBIQUITINATION IN AUTOIMMUNITY	\$383,402
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI064831	MALARIA: IMMUNITY AND DIVERSITY IN LOW TRANSMISSION	\$491,390
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI043578	GRAFT REJECTION AND DIRECT VERSUS INDIRECT RECOGNITION	\$438,826
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI036420	MECHANISMS OF V(D) J RECOMBINATION	\$353,697
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI066938	HIV VACCINE DEVELOPMENT USING RECOMBINANT COXSACKIEVIRUSES	\$260,368
2009	TRUDEAU INSTITUTE	NY	R01AI067723	THE ROLE OF IL-12P40 IN THE RESPONSE OF PULMONARY DENDRITIC CELLS TO TUBERCULOSIS	\$514,464
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI044893	PATHWAYS REGULATING AMOEBIC CYST FORMATION	\$392,994
2009	TRUDEAU INSTITUTE	NY	P01AI046530	T CELL MEMORY TO PATHOGENS: GENERATION AND FUNCTION	\$2,154,261
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060507	INTERACTION OF AIDS-ASSOCIATED MICROBES WITH RADIATION	\$346,812
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$354,743
2009	NEW YORK MEDICAL COLLEGE	NY	R01AI072028	TOXOPLASMA GONDII EVASION OF IMMUNE EFFECTER MECHANISMS	\$350,953
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$564,213
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$424,620
2009	UNIVERSITY OF ROCHESTER	NY	R01AI048237	LFA-1 MEDIATED COSTIMULATION	\$387,608
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI059318	IMMUNOLOGICAL BASIS OF EGG ALLERGY	\$128,655

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	COLUMBIA UNIVERSITY	NY	U01AI069466	CENTERS FOR INNOVATIVE RESEARCH TO CONTROL AIDS	\$3,111,555
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI065319	THROMBOCYTOPENIA & HIV/HCV: RISK FACTORS & TREATMENT	\$131,490
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,442,274
2009	CORNELL UNIVERSITY	NY	R01AI048678	ENDOCYTOSIS OF INFLUENZA VIRUSES	\$371,038
2009	NATIONAL DEVELOPMENT & RESEARCH INSTITUTES, INC	NY	R01AI070005	PEER-DRIVEN INTERVENTION TO ENROLL MINORITIES/WOMEN IN HIV/AIDS CLINICAL TRIALS	\$824,067
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073899	THE REGULATORY CONTROL MECHANISMS OF CROSS-PRESENTATION BY TOLL-LIKE RECEPTORS	\$423,750
2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI075470	MULTIPLEXED DETECTION OF FOOD AND WATERBORNE PATHOGENS	\$878,314
2009	UNIVERSITY OF ROCHESTER	NY	R21AI076781	RSV VACCINE DEVELOPMENT BASED ON HPV VIRUS-LIKE PARTICLES	\$192,500
2009	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI066128	CHARACTERIZATION OF GENES RESPONSIBLE FOR STORE-OPERATED CA2+ ENTRY IN T CELLS	\$403,644
2009	POPULATION COUNCIL, INC	NY	U19AI065412	ZCM: A NOVEL BROAD-SPECTRUM MICROBICIDE FOR STIS	\$1,082,520
2009	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI065773	ESTABLISHING THE MOLECULAR MECHANISMS OF BCR ENDOCYTOSIS	\$385,043
2009	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$473,960
2009	SIGA TECHNOLOGIES, INC	NY	R43AI079937	NOVEL SMALL MOLECULE INHIBITORS OF DENGUE REPLICATION	\$559,265
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079363	ROLE OF NFAT IN THE TREG-MEDIATED SUPPRESSION OF T HELPER CELL ACTIVATION	\$249,000
2009	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	F31AI080184	THE ROLE OF E2-2 IN THE DEVELOPMENT AND FUNCTION OF PLASMACYTOID DENDRITIC CELLS	\$46,176
2009	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068038	SIDEROPHORE BIOSYNTHESIS INHIBITORS AS NEW ANTIBIOTICS FOR BIODEFENSE	\$353,608
2009	TRUDEAU INSTITUTE	NY	R01AI076479	THE INTERDEPENDENCE BETWEEN T AND B CELLS IN TH2 CELL DIFFERENTIATION	\$400,500
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI067722	MECHANISMS OF PEANUT (A. HYPOGAEA) GLYCAN ADJUVANTICITY.	\$129,465
2009	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI077242	INTERFERON GAMMA REGULATION OF CD4 T CELL RESPONSES IN TUBERCULOSIS	\$51,710
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI078794	HIV NEF UBIQUITINATION AND ITS FUNCTIONS	\$209,556
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI076092	PROTHYMOSIN-ALPHA- A NOVEL ANTIVIRAL RESTRICTION FACTOR	\$211,875
2009	UNIVERSITY OF ROCHESTER	NY	R01AI083115	Simulator for Primary HIV Replication and Evolution	\$382,840

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2009	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI079260	STRUCTURAL AND FUNCTIONAL STUDIES OF THE IKAPPAB KINASE (IKK) COMPLEX	\$380,063
2009	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI083962	DEVELOPMENT OF A PRIMATE MODEL FOR GENITAL PAPILLOMAVIRUS INFECTION	\$219,285
2009	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$394,744
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI083481	LUNG AND BONE MARROW CROSSTALK DURING A RESPIRATORY INFECTION	\$253,367
2009	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$182,202
2009	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$1,221,286
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI023598	ROLE OF DAF IN THE COMPLEMENT CASCADE	\$443,224
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI028799	GENE EXPRESSION IN HUMAN PARASITIC NEMATODES	\$465,086
2009	UNIVERSITY OF CINCINNATI	OH	R01AI058159	HCMV US28 SIGNAL TRANSDUCTION BY BETAARRESTIN PROTEINS	\$249,866
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI035726	CLASS II MHC TRANSPORT AND FUNCTION	\$367,923
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$375,000
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI030010	EHRILCHIACIDAL MECHANISMS IN LEUKOCYTES	\$312,886
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI065348	METABOLIC CONSEQUENCES OF THYMIDINE SPARING REGIMENS	\$217,227
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI058844	EVALUATION OF THYMUS FUNCTION IN LENTIVIRUS DISEASE	\$312,886
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI058279	MOLECULAR REGULATION OF DIAPAUSE IN CULEX PIPIENS	\$208,590
2009	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$118,485
2009	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	\$392,970
2009	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	\$1,159,513
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K08AI071111	CHEMOKINES AND THEIR RECEPTORS IN THE PATHOGENESIS OF TUBERCULOSIS	\$127,726
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059089	NEUROIMMUNE COMMUNICATION AT THE BLOOD BRAIN BARRIER	\$278,119
2009	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI065829	EPIDEMIOLOGY OF A NEW HUMAN CORONAVIRUS	\$130,791
2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI070244	RECOMBINANT AAV GENE THERAPY VECTOR RECOMBINATION, INTEGRATION, AND GENOTOXICITY	\$304,340
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$375,000

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2009	UNIVERSITY OF CINCINNATI	OH	R01AI072040	IGG ISOTYPE REGULATION OF ANTIBODY-MEDIATED DISORDERS	\$377,444
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$367,875
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI081036	DETECTING CARBAPENEM AND QUINOLONE RESISTANCE IN KLEBSIELLA PNEUMONIAE USING PCR/	\$63,000
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079251	ROLE OF ACIDIC ENVIRONMENT IN EOSINOPHILIC INFLAMMATION	\$187,500
2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI076398	THE AFFECT OF HORMONES AND OXYGEN-LIMITATION ON GONOCOCCAL PATHOPHYSIOLOGY	\$356,040
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI084816	INTERSUBTYPE RECOMBINANTS FOR POLYVALENT ANTI-HIV VACCINE	\$424,446
2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI077897	HEME, IRON AND OXIDATIVE STRESS: REGULATION OF IRON HOMEOSTASIS IN H. INFLUENZAE	\$360,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI067093	MOLECULAR MECHANISMS REGULATING HIV ENTRY AND EXIT FROM LATENCY	\$378,911
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$353,250
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$337,500
2009	UNIVERSITY OF CINCINNATI	OH	R01AI062492	SERUM ANTIBODIES TO RECOMBINANT PNEUMOCYSTIS ANTIGENS	\$467,657
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI043524	BACTERIA, SIGNALING & LEUKOCYTE TRANSCRIPTION ACTIVATION	\$282,526
2009	UNIVERSITY OF CINCINNATI	OH	R01AI036701	STRUCTURE AND EXPRESSION OF PNEUMOCYSTIS ANTIGEN GENES	\$321,257
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	U01AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$1,359,474
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI060484	ROLE OF MITOCHONDRIA IN HIV LIPOATROPHY	\$303,205
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI026585	GENE EXPRESSION OF NEGATIVE STRAND RNA VIRUSES	\$426,584
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$208,649
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI079766	IRAK4 KINASE ACTIVITY'S ROLE IN IMMUNODEFICIENCY	\$78,500
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R03AI076561	PSEUDOMONAS BIOFILMS AND PERSISTENCE	\$75,000
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI078789	IMPACT OF ARV CHEMOPROPHYLAXIS ON EMERGENCE AND SPREAD OF HIV DRUG RESISTANCE	\$201,394

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2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI076309	ISOLATION OF NOVEL ANTILEISHMANIAL MOLECULES FROM PENTALINON ANDRIEUXII ROOT	\$187,500
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI081291	STRUCTURAL STUDIES OF BACILLUS THURINGIENSIS CRY TOXINS	\$231,945
2009	UNIVERSITY OF CINCINNATI	OH	R21AI083076	POTASSIUM CHANNEL TRAFFICKING IN GEOMETRICALLY PATTERNED IMMUNOLOGICAL SYNAPSES	\$234,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079756	T CELL RESPONSE DEFECTS TO COMMENSAL GLYCOANTIGENS IN CGD	\$235,500
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R00AI073856	REMODELING OF THE M. TUBERCULOSIS CELL WALL BY THE HOST MICROENVIRONMENT	\$249,000
2009	GUILD ASSOCIATES INC	OH	R43AI082698	PHAGE-MEDIATED BIOLUMINESCENT DETECTION OF YERSINIA PESTIS.	\$110,753
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI081743	REGULATION OF B CELL FUNCTION BY MEMBRANE-CYTOSKELETAL REMODELING	\$353,250
2009	UNIVERSITY OF CINCINNATI	OH	R21AI081564	CLINICAL RELEVANCE OF GB VIRUS C & HEPATITIS C VIRUS IN HIV+ WOMEN	\$235,500
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI056927	CD40 LIGAND DYSREGULATION AND HIV PATHOGENESIS	\$331,106
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI062520	Structure and function of HIV-1 integrase	\$324,673
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$359,276
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI045888	INNATE MECHANISMS REGULATING CD8+ T CELL IMMUNITY	\$294,338
2009	UNIVERSITY OF TOLEDO	OH	R01AI068133	IMPACT OF THE INTERFERON REGULATED PROTEINS XAF1 AND ZNF313 ON INNATE IMMUNITY	\$256,376
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI068824	ALLOREACTIVE T CELL IMMUNITY IN HUMAN TRANSPLANT CANDIDATES	\$108,000
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,056,254
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI074399	PHARMACOGENETICS OF SULFAMETHOXAZOLE IN HIV/AIDS PATIENTS	\$187,500
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI083546	VITAMIN A ADJUVANT TO ENHANCE GUT IMMUNITY AND ROTAVIRUS VACCINES IN NEONATES	\$217,792
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R13AI081379	LABORATORY DIAGNOSIS AND IMMUNOLOGIC CHARACTERIZATION OF HERITABLE IMMUNE DISORDE	\$3,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI076199	THE UTILITY OF INTERFERON-GAMMA RELEASE ASSAYS IN TB-HIV CO-INFECTED CHILDREN	\$546,560
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI080596	MOLECULAR MECHANISMS OF C.ALBICANS - LEUKOCYTE INTEGRIN INTERACTIONS	\$378,250

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2009	CARBOGENE USA	OH	R43AI082873	RESEARCH AND DEVELOPMENT OF A NOVEL SYSTEM TO PRODUCE POLYSACCHARIDE CONJUGATE VA	\$105,770
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	BEHAVIORAL AND VIROLOGIC IMPACT OF HPV IMMUNIZATION	\$579,240
2009	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$351,000
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI047249	IMMUNE REGULATION OF CNS VIRAL RECRUDESCENCE	\$378,911
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$386,250
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI065960	DETERMINANTS OF RNA VIRUS EVOLUTION	\$368,679
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$348,599
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRlichiosis	\$375,000
2009	UNIVERSITY OF CINCINNATI	OH	U01AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,895,589
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI068524	ROLE OF REGULATORY T CELLS IN HIV INFECTION	\$357,743
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI063182	RAPID TRICHOMONAS TESTS: A TEEN STI PREVENTION STRATEGY	\$125,820
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI067816	EXTRACELLULAR MATRIX SYNTHESIS AND TURNOVER IN ASTHMA	\$367,923
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059406	SHIP-2 INFLUENCE ON MACROPHAGE FC RECEPTOR FUNCTION	\$278,119
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI036532	KIDNEY-RESTRICTED CTL AND ALLOGRAFT REJECTION	\$321,486
2009	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI076981	BASIC AND COMPARATIVE STUDIES OF CCR5 INHIBITION TO PREVENT HIV TRANSMISSION	\$1,552,707
2009	UNIVERSITY OF CINCINNATI	OH	R01AI073337	IMMUNOPATHOGENESIS IN HISTOPLASMOSIS	\$390,000
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079759	FUNCTIONAL IDENTIFICATION OF GENES MUTATED IN FHLH	\$198,500
2009	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$114,513
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI073963	HOST GENETIC CONTRIBUTION TO HCV OUTCOMES	\$514,999
2009	PANVIREX LLC	OH	R43AI080387	OXALAMATE DERIVATIVES AS HIV-1 INTEGRASE INHIBITORS	\$300,000
2009	Research Institute at Nationwide's Children's Hospital	OH	R21AI073597	VISUALIZING INTERFERON-BETA INDUCTION IN VIVO	\$216,000
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R03AI079797	INVESTIGATIONS INTO XIAP-DEFICIENT X-LINKED LYMPHOPROLIFERATIVE DISEASE	\$75,000

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2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI084414	BIOLOGY OF IL-13 RECEPTOR ALPHA-2 IN ASTHMA	\$379,166
2009	UNIVERSITY OF CINCINNATI	OH	R21AI075237	TRANSLATION STATE ARRAY ANALYSIS IN ASPERGILLUS FUMIGATUS	\$195,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069195	RECURRENT TREATMENT: EFFECT ON RURAL AND URBAN S. MANSONI POPULATION STRUCTURE	\$356,103
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064320	MIGRATION INHIBITORY FACTOR IN THE PROGRESSION OF EAE	\$356,016
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$269,982
2009	UNIVERSITY OF CINCINNATI	OH	R01AI064084	STEROL METABOLISM IN PNEUMOCYSTIS	\$285,561
2009	UNIVERSITY OF CINCINNATI	OH	R01AI061497	PKA: STRESS RESPONSE AND VIRULENCE IN A. FUMIGATUS	\$285,561
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI057530	FCRN BINDS AND TRANSPORTS ALBUMIN	\$347,649
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI052458	ALTERED M. TUBERCULOSIS MANNOSYLATION AND THE MACROPHAGE	\$355,409
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI060632	SIGIRR A NEGATIVE REGULATOR OF TOLL-IL-IR SIGNALING	\$355,788
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075159	REGULATION OF TLR SIGNALING AND INNATE IMMUNITY BY RP105	\$367,875
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$395,048
2009	UNIVERSITY OF CINCINNATI	OH	K23AI068453	HIV SCREENING IN THE EMERGENCY DEPARTMENT SETTING	\$133,867
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057753	Regulation of Apoptosis in Activated Primary T Cells	\$106,496
2009	Research Institute at Nationwide's Children's Hospital	OH	R21AI079466	THE FUNCTION OF DUAL SPECIFICITY PHOSPHATASE-5 IN IMMUNE RESPONSE	\$188,906
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI062968	MECHANISTIC STUDIES AND INHIBITION STRATEGIES FOR ANTIBIOTIC RESISTANCE	\$265,238
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI047885	COMPARISON OF HUMAN EHRlichiosis AGENT GENOMES	\$367,875
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076792	MYCOBACTERIUM TUBERCULOSIS PHAGOSOME MATURATION	\$196,250
2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI068956	THE ROLE OF MKP-1 IN INNATE IMMUNE RESPONSES TO LPS	\$273,699
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI074743	FUNCTIONAL ANALYSIS OF NK CELLS AND THEIR POTENTIAL TO GENERATE CTL RESPONSES	\$375,000
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI085578	VIRAL PATHOGENESIS OF IDIOPATHIC BONE MARROW FAILURE AND IMMUNE CYTOPENIAS	\$392,500
2009	Research Institute at Nationwide's Children's Hospital	OH	R21AI074349	IMMUNE CORRELATES OF PROTECTION DURING GAMMA-HERPESVIRUS VACCINATION	\$180,000

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2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI066208	BILE, BIOFILMS AND SALMONELLA GALLBLADDER CARRIAGE	\$367,875
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI049170	Impact of HIV-1 fitness on disease progression	\$378,911
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$392,500
2009	UNIVERSITY OF TOLEDO	OH	R01AI045147	REGULATION OF PHARYNGEAL PUMPING IN PARASITIC NEMATODES	\$267,888
2009	Research Institute at Nationwide`s Children`s Hospital	OH	R37AI047367	HCV-specific T cell response	\$546,488
2009	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI052067	RESEARCH TRAINING IN PEDIATRIC INFECTIOUS DISEASES	\$6,586
2009	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI069501	CASE AIDS CLINICAL TRIALS UNIT	\$3,056,995
2009	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$774,020
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI057571	ALPHAVIRUS MINUS STRAND RNA SYNTHESIS AND RNASE L	\$275,887
2009	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI055649	NORWALK-LIKE VIRUSES AND THEIR RECEPTORS	\$313,931
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074740	ACUTE HUMORAL REJECTION OF RENAL ALLOGRAFTS	\$373,394
2009	Research Institute at Nationwide`s Children`s Hospital	OH	U19AI048231	HCV REPLICATION AND IMMUNITY	\$931,641
2009	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI059305	MOLECULAR REGULATION OF IMMUNE COMPLEX DISEASE	\$346,486
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI073452	DYSREGULATION OF INNATE IMMUNE RESPONSES BY BORRELIA BURGDORFERI:A ROLE FOR IL-10	\$370,750
2009	UNIVERSITY OF CINCINNATI	OH	R21AI079947	IDENTIFICATION OF PROTEINS RESPONSIBLE FOR PEANUT ALLERGENICITY	\$234,000
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI078286	CD24 AND THYMIC GENERATION OF MYELIN ANTIGEN SPECIFIC T CELLS	\$187,500
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076672	MOLECULAR TOOLS TO MONITOR ERADICATION OF SCHISTOSOMA HAEMATOBIIUM TRANSMISSION	\$147,149
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074932	HOMEOSTATIC REGULATION OF T LYMPHOCYTES	\$392,500
2009	GENERAL INNOVATIONS & GOODS INC	OH	R43AI074918	HEALTH EFFECTS OF CREON2000 IN ASTHMATIC CHILDREN	\$224,700
2009	CHILDREN`S HOSPITAL MEDICAL CENTER	OH	R01AI083450	IL-13 ASSOCIATED EOSINOPHIL LUNG RESPONSES	\$375,000
2009	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$304,842
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI071174	HEAT SHOCK PROTEIN MODULATION OF PARAMYXOVIRAL DISEASE	\$225,000
2009	UNIVERSITY OF CINCINNATI	OH	R01AI076104	BIOFILM FORMATION BY PNEUMOCYSTIS	\$382,740
2009	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$324,000

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2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	CONTROL OF IMMUNE RESPONSES BY LIPOXINS DURING TUBERCULOSIS	\$340,275
2009	UNIVERSITY OF CINCINNATI	OH	R01AI072581	THE P62/ATYPICAL PKC SIGNALING COMPLEX IN TH2 DIFFERENTIATION AND ASTHMA	\$390,000
2009	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$341,728
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$375,000
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI058088	CD4 MEMORY T CELLS AND ALLOGRAFT REJECTION	\$294,338
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI067150	HLA/KIR REGION GENETICS IN PEDIATRIC ARTHRITIS	\$396,702
2009	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI065717	MASS DRUG TREATMENT AND VECTOR CONTROL OF FILARIASIS	\$821,783
2009	MIAMI UNIVERSITY	OH	R01AI070174	STUDY OF IRON ACQUISITION IN ACINETOBACTER BAUMANNII	\$278,604
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079852	NEW SHIV R5 ENV'S (BASED ON ALL SUBTYPES) FOR EFFECTIVE MICROBICIDE TESTING IN MA	\$211,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$2,389,457
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079545	T CELL MEMORY TO CELL-ASSOCIATED ANTIGENS BY A NEW DC SUBSET	\$187,500
2009	CARBOGENE USA	OH	R43AI082840	PRODUCTION OF POLYSACCHARIDE-PROTEIN CONJUGATES AS VACCINES	\$106,674
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI083315	EPITHELIAL REGULATION OF TH2 IMMUNE RESPONSES IN THE LUNG	\$378,958
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI081083	NEURONAL REGULATION OF HSV LYTIC AND LATENT INFECTION	\$225,000
2009	UNIVERSITY OF CINCINNATI	OH	R01AI064893	SHIGA TOXIN PRODUCTION AND ROLE IN PATHOGENESIS	\$372,221
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K02AI077341	HIV-1 INTEGRASE STRUCTURE AND FUNCTION AS A THERAPEUTIC TARGET	\$98,798
2009	UNIVERSITY OF CINCINNATI	OH	R01AI070300	REGULATION OF CD8+ T CELL HOMEOSTASIS BY IL-4	\$390,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069085	M. TUBERCULOSIS LIPOPROTEIN-TLR2 INTERACTIONS	\$378,911
2009	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$1,036
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI035097	MECHANISM OF IL-12 INHIBITION BY CANDIDA ALBICANS	\$320,211
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$278,119
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI065470	ACT1 IN CD40-/BAFFR-MEDIATED B CELL SURVIVAL	\$355,788

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2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI059603	GAMMA-HERPESVIRUS INFECTION OF DENDRITIC CELLS	\$264,167
2009	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R13AI069676	AMERICAN SOCIETY FOR VIROLOGY JUNIOR SCIENTIST TRAVEL REQUEST	\$10,000
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI062901	MECHANISM AND INHIBITION OF S-RIBOSYLHOMOCYSTEINASE	\$278,119
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073553	INTERLEUKIN-9 IN EXPERIMENTAL INTESTINAL ANAPHYLAXIS	\$375,000
2009	UNIVERSITY OF CINCINNATI	OH	R13AI078718	10TH & 11TH INTERNATIONAL WORKSHOPS ON OPPORTUNISTIC PROTISTS (IWOP-10; IWOP-11)	\$1
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$597,252
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064744	SUPPRESSION OF MEASLES VIRUS VACCINATION BY MATERNAL ANTIBODIES	\$294,300
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076886	FEEDBACK REGULATION OF INNATE IMMUNE SIGNALING AT MUCOSAL SURFACES	\$274,750
2009	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI070078	METABOLIC COMPLICATIONS OF HIV AND RESPONSES TO PIOGLITAZONE	\$129,060
2009	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$372,339
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	T32AI065411	INTERDISCIPLINARY STUDY OF THE MICROBE-HOST INTERFACE	\$111,682
2009	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079874	TSG6 IN IGE MEDIATED FOOD ALLERGY	\$187,500
2009	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI083739	MTB directly regulates human CD4+ T cell activation	\$126,630
2009	Research Institute at Nationwide's Children's Hospital	OH	R01AI076341	Mechanisms of Pneumococcal Adherence	\$324,000
2009	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI083335	VIRULENCE FACTOR DISCOVERY IN THE SECRETED PROTEOME OF HISTOPLASMA CAPSULATUM	\$309,000
2009	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$753,504
2009	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI072710	ANALYSIS OF THE COXIELLA BURNETII TYPE IV SECRETION SYSTEM DURING INFECTION	\$51,790
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI078238	SPECIFICITY OF STREPTOCOCCUS MUTANS SUGAR TRANSPORTERS	\$73,250
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI082057	DISCOVERY AND TARGETING OF WEST NILE VIRUS EPITOPES	\$797,240
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI079616	DO ESTROGEN RECEPTORS IN B CELLS AND DC MEDIATE SEX BIAS IN MURINE LUPUS?	\$238,500
2009	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI081928	STRUCTURE-FUNCTION STUDIES ON IL-18, IL-18 BINDING PROTEINS AND RECEPTORS	\$344,806
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer membrane proteins of Borrelia burgdorferi	\$272,538
2009	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI052293	Transport across two membranes by AcrAB-TolC	\$217,048

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2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI076729	IL-21 POLYMORPHISMS IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$63,000
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI082714	Oklahoma Autoimmunity Center of Excellence Mechanisms of Disease Flare	\$702,688
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI020069	EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	\$357,750
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R37AI024717	Genetic Linkage in Lupus	\$369,740
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,986,968
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI078993	Regulation of humoral immunity by NKT cells	\$328,146
2009	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R01AI067858	CONTROL OF TYPE III SECRETION IN SHIGELLA BY LPAD	\$368,728
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$329,625
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI056129	NOTCH-INDUCED PROTEIN DEGRADATION IN LYMPHOPOIESIS	\$397,500
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI063622	IDENTIFYING THE NOVEL SLE SUSCEPTIBILITY GENE ON 5P15.3	\$287,421
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$279,097
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity - Kirschstein - NRSA	\$212,006
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI050933	HUMAN & MOUSE ANTIBODIES AGAINST INFLUENZA VIRUS	\$366,250
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$345,198
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI059302	ROLE OF GATA-3 DURING CD4/CD8 LINEAGE COMMITMENT	\$318,327
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI067309	THE ROLE OF CXCL9 IN GENITAL HSV-2 INFECTION	\$286,384
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	P01AI083194	GENOMICS OF LUPUS	\$2,134,954
2009	UNIVERSITY OF TULSA	OK	R56AI080932	MACHINE LEARNING ANALYSIS OF GENETIC MODULATORS OF VACCINE IMMUNE RESPONSE	\$346,329
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI063274	COMPREHENSIVE CANDIDATE PATHWAY ANALYSIS IN SLE	\$730,678
2009	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI044215	BRIGHT FUNCTION IN THE IMMUNE SYSTEM	\$295,792
2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$323,109

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2009	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$717,345
2009	OREGON STATE UNIVERSITY	OR	R01AI063120	ANALYSES OF SODIUM BIOENERGETICS IN VIBRIO CHOLERAЕ	\$331,862
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI065389	FOAMY VIRUS VECTORS FOR GENE THERAPY FOR HIV INFECTION	\$121,311
2009	OREGON STATE UNIVERSITY	OR	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$288,186
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$1,076,069
2009	NAJIT TECHNOLOGIES INC	OR	R43AI079898	DEVELOPMENT OF A YELLOW FEVER VACCINE FOR VULNERABLE POPULATIONS	\$292,261
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI074494	TRAINING PROGRAM IN VIROLOGY	\$229,506
2009	OREGON STATE UNIVERSITY	OR	R01AI016137	UNDERLYING MECHANISMS OF SCHISTOSOME/SNAIL COMPATIBILITY	\$353,278
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI019018	IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	\$377,685
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI063938	THE ROLE OF HIV-1 VPU IN THE REGULATION OF CD40	\$316,025
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$346,500
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI082529	REJUVENATION OF THE T-CELL COMPARTMENT IN AGING PRIMATES	\$722,375
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U54AI081680	PACIFIC NORTHWEST REGIONAL CENTER OF EXCELLENCE (PNWRCE)	\$8,368,696
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067522	ROLE OF MACROPHAGE COSTIMULATORY MOLECULES IN POLYMICROBIAL SEPSIS	\$377,685
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$377,685
2009	OREGON STATE UNIVERSITY	OR	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$353,303
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI023682	GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA DONOVANI	\$385,000
2009	OREGON STATE UNIVERSITY	OR	R21AI079564	EVALUATION OF EFFICACY OF A POLYHERBAL (BASANT) ANTI-HIV VAGINAL MICROBICIDE IN H	\$204,022
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$92,204
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI075192	PURINE SALVAGE PATHWAY OF CRYPTOSPORIDIUM PARVUM	\$381,576
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$359,383
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$348,021
2009	PORTLAND STATE UNIVERSITY	OR	R01AI079182	ANTITOXOPLASMOSIS DRUG DESIGN AND OPTIMIZATION	\$384,198

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2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI078903	INFLAMMATION AND T LYMPHOCYTE IMMUNOREGULATION	\$292,082
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K22AI079399	MYCOBACTERIAL GENES MEDIATING RESISTANCE TO BACTERICIDAL UBIQUITIN PEPTIDES	\$162,000
2009	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI078582	DEVELOPMENT OF NOVEL SMALL MOLECULE FLAVIVIRUS INHIBITORS	\$300,318
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070934	B CELL SUBSETS AS ANTIGEN-PRESENTING CELLS IN PERIPHERAL SELF-TOLERANCE	\$377,685
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$309,827
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI025920	FUNCTIONAL CHARACTERIZATION OF LEISHMANIA TRANSPORTERS	\$366,733
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI071798	DEVELOPMENT OF A HIGH THROUGHPUT HIV ASSEMBLY SCREEN	\$377,685
2009	DESIGNMEDIX INC	OR	R42AI072923	DESIGNED ANTIMALARIAL AGENTS OVERCOMING CHLOROQUINE-RESISTANCE	\$682,835
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI060392	DEVELOPMENT OF RHCMV VECTORS FOR SIV INFECTION	\$328,000
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	P01AI078064	Programming HIV Immunity for Broadly Neutralizing Antibodies by Vaccination	\$2,022,567
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI065981	IRON AND PATHOGENESIS IN INFECTIONS BY VIBRIO VULNIFICUS	\$377,685
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070890	MODULATION OF INNATE IMMUNE RESPONSES BY CYTOMEGALOVIRUS	\$385,000
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076351	CHARACTERIZATION OF THE PHAGOSOME DURING MYCOBACTERIUM TUBERCULOSIS INFECTION	\$130,275
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI043960	NOVEL MHC CLASS II CONSTRUCTS FOR TREATMENT OF EAE	\$366,733
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$377,685
2009	OREGON STATE UNIVERSITY	OR	R01AI073784	GENETIC AND CHEMICAL APPROACHES TO NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$358,556
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI079092	DEVELOPMENT OF ASSAY FOR HIGH THROUGHPUT SCREEN OF PARASITE GLUCOSE TRANSPORTER	\$231,000
2009	OREGON STATE UNIVERSITY	OR	R21AI079454	STRINGENT CONTROL OF VIRULENCE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$176,844
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI081517	Human cytomegalovirus entry into epithelial and endothelial cells	\$454,871
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI050823	IMAGING AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$304,805
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI022933	GENETIC ANALYSIS OF SALMONELLA TYPHIMURIUM VIRULENCE	\$464,054

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2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI075064	AIRWAY EOSINOPHIL ACTIVATION BY ANTICHOLINERGIC THERAPY	\$192,500
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI074379	NOVEL ANTIGEN DISPLAY SYSTEM TO PRESENT MULTIPLE ANTIGENS HIV VACCINES	\$357,727
2009	OREGON HEALTH & SCIENCE UNIVERSITY	OR	U01AI082196	Development of a Safe and Effective Vaccine Against West Nile Virus	\$851,480
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$467,948
2009	UNIVERSITY OF PENNSYLVANIA	PA	K02AI078766	HIV RESTRICTION IN CD4+ T CELLS: HOST AND VIRAL FACTORS	\$81,000
2009	DREXEL UNIVERSITY	PA	R01AI064346	A STUDY OF THE MITOGENIC EFFECTS OF SEROTONERGIC RECEPTORS	\$292,552
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$386,645
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI063626	MECHANISMS OF AUTOREACTIVITY IN SLE	\$310,828
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI052812	IMMUNE RECEPTORS ON CYTOTOXIC LYMPHOCYTES AND TARGET CELLS	\$397,125
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI049472	XENOGENEIC HEPATOCYTE TRANSPLANTATION FOR CIRRHOSIS	\$46,365
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI045086	CYTOADHERENCE IN MATERNAL MALARIA	\$271,408
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI069534	PENN PREVENTION CLINICAL TRIALS UNIT	\$613,261
2009	CARNEGIE-MELLON UNIVERSITY	PA	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$318,528
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035502	DUAL-TROPIC HIV-1 STRAINS AND PRIMARY CELL INFECTION	\$331,721
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$368,577
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$190,035
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI018641	HEPADNAVIRUS INFECTIONS AND LIVER CANCER	\$561,568
2009	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$271,046
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4/Ralpha signaling pathways in human airways through 15 LO1	\$310,793
2009	WISTAR INSTITUTE	PA	R01AI071309	REGULATION OF EXHAUSTION AND ALTERED CD8 T CELL MEMORY DURING CHRONIC INFECTION	\$354,214
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI067037	KSHV LATENCY CONTROL BY RTA	\$337,560
2009	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$300,371
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI070537	LEUKOTRIENES IN INNATE AND ADAPTIVE ANTIVIRAL IMMUNITY	\$342,527
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$241,365
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$298,148

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2009	UNIVERSITY OF PITTSBURGH	PA	T32AI007333	TRAINING IN AIDS MOLECULAR EPI/MICROBIOLOGY & STDS	\$69,019
2009	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$1,767,044
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI071417	ROLE OF TGF-BETA IN SCHISTOSOMA MANSONI	\$23,740
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI063589	MOLECULAR PROFILING AND IMMUNOMODULATORY INTERVENTIONS	\$835,209
2009	UNIVERSITY OF PENNSYLVANIA	PA	U19AI048241	ACTIVE IMMUNE THERAPY AND HAART FOR HIV-1 INFECTION	\$313,601
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B CELLS IN THE PATHOGENESIS OF ALLOGRAFT REJECTION	\$340,875
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072106	THERMODYNAMIC AND STRUCTURAL STUDIES ON THE FORMATION OF THE C3 CONVERTASE	\$393,219
2009	THOMAS JEFFERSON UNIVERSITY	PA	U01AI083046	Host-pathogen competition in IFN mediated antiviral defense	\$391,021
2009	INVENTOX LLC	PA	R43AI082835	A NEW GENERATION OF BOTULINUM TOXIN VACCINES	\$149,800
2009	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	U01AI066007	EFFICACY OF ANTIMICROBIALS IN YOUNG CHILDREN WITH AOM	\$213,452
2009	ROCKLAND IMMUNOCHEMICALS INC	PA	R43AI084296	NOVEL POINT-OF-CARE MULTIPLEX LYME DISEASE TEST	\$315,172
2009	WISTAR INSTITUTE	PA	R01AI073219	NK/DC CROSS-TALK AND ANTIVIRAL RESPONSE	\$810,038
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI078387	SIGNAL INITIATION FROM THE T-CELL ANTIGEN RECEPTOR BY MECHANICAL FORCE	\$210,244
2009	DREXEL UNIVERSITY	PA	R01AI077414	Define the role of dendritic cells in HTLV-1 associated neuroinflammatory disease	\$389,900
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI079694	STRUCTURAL BASIS FOR LONG-RANGE GENETIC INTERACTIONS IN RETROVIRAL CA ASSEMBLY	\$192,320
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078987	REGULATORY T-CELL DEVELOPMENT VIA MOLECULAR MECHANISMS OF FOXP3 GENE EXPRESSION	\$388,650
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI078102	MOLECULAR MECHANISMS THAT CONTROL THE LOSS OF T PROGENITOR COMPETENCE IN AGING	\$157,500
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI081055	ROLE OF PELLINO1 IN LIVER INFLAMMATION	\$238,500
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082020	Massively Parallel Analysis of Integration in Therapeutic Gene Transfer	\$384,890
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI081717	The Role of Glycolipids and CD1 in the Immunology of Leishmania Infection	\$315,000
2009	UNIVERSITY OF PITTSBURGH	PA	F32AI077183	REACTIVATED TUBERCULOSIS IN SIV-INFECTED CYNOMOLGUS MACAQUES	\$49,646
2009	TEMPLE UNIVERSITY	PA	R01AI084065	CB2 RECEPTOR REGULATIN OF INFLAMMATORY RESPONSE IN EAE	\$375,000

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2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI082548	MOLECULAR GENETIC TOOLS FOR PARASITIC HELMINTHS	\$393,750
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI067544	REGULATION OF T CELL ACTIVATION AND DIFFERENTIATION BY TIM-1	\$286,242
2009	DREXEL UNIVERSITY	PA	R01AI068137	PLASMODIUM INVASION MACHINERY	\$613,149
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$126,792
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$375,870
2009	DREXEL UNIVERSITY	PA	R01AI035661	VACCINE INDUCED IMMUNE RESPONSES TO PLASMODIAL ANTIGENS	\$362,500
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI053531	Picornavirus Genome Replication	\$407,636
2009	UNIVERSITY OF PENNSYLVANIA	PA	K23AI067567	REBUILDING IMMUNITY	\$133,029
2009	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$418,250
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$397,500
2009	TEMPLE UNIVERSITY	PA	R01AI052306	ROLE OF PGE2 IN CNS AND PERIPHERAL AUTOIMMUNE DISORDERS	\$347,274
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044231	BACTERIAL PHOSPHORYLCHOLINE AND PATHOGENESIS	\$331,548
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI062975	RISK FACTORS AND OUTCOMES OF CANDIDEMIA IN CHILDREN	\$133,272
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	K23AI064396	HSV-2 SHEDDING: ROLE OF HORMONAL CONTRACEPTION AND BV	\$126,630
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$331,721
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI064494	PHAGE MIMICRY OF MYCOBACTERIAL SIGNALING	\$559,303
2009	UNIVERSITY OF PENNSYLVANIA	PA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$1,372,446
2009	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$362,581
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$332,971
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI073895	PREDICTORS FOR DRUG SELECTION AND MINIMIZATION IN PEDIATRIC LIVER TRANSPLANTATION	\$393,604
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070099	TRAINING IN VACCINE & IMMUNE THERAPEUTICS	\$195,216
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI070153	FUNCTION OF T CELL TOLL-LIKE RECEPTORS	\$137,619
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI060836	HERPES SIMPLEX VIRUS CAPSID ASSEMBLY AND DNA PACKAGING	\$318,271
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI075194	STREPTOCOCCUS PNEUMONIAE GENETIC COMPETENCE AND PATHOGENESIS	\$411,250

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2009	UNIVERSITY OF PENNSYLVANIA	PA	K01AI070001	RISK FACTORS AND PREDICTION OF LIVER DISEASE IN HIV/HCV	\$133,029
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI079801	MICROBICIDE PROPERTIES OF RT INHIBITOR COMBINATIONS	\$222,852
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$340,875
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI070896	OPTIMIZING DOSING OF COLISTIN FOR INFECTIONS RESISTANT TO ALL OTHER ANTIBIOTICS	\$804,901
2009	UNIVERSITY OF PENNSYLVANIA	PA	K01AI079162	MATHEMATICAL TECHNIQUES FOR CONTROL OF EPIDEMIC TRYPANOSOMA CRUZI TRANSMISSION	\$96,901
2009	THOMAS JEFFERSON UNIVERSITY	PA	R21AI079526	NON-PROTEASOMAL PROTEASE(S) THAT DEFINE C-TERMINI OF MHC CLASS I EPITOPES	\$193,125
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI079288	IDENTIFICATION OF FACTORS THAT CONTROL MYCOBACTERIUM TUBERCULOSIS BIOFILM GROWTH	\$189,375
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI076677	DIAGNOSING ACUTE BACTERIAL SINUSITIS IN CHILDREN AND MEASURING TREATMENT RESPONSE	\$194,524
2009	UNIVERSITY OF PENNSYLVANIA	PA	U19AI082628	Combination immunotherapy with gene modified CD4 and CD8 T cells and stem cells	\$1,967,243
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI081977	Akt as a therapeutic target for respiratory syncytial virus	\$289,548
2009	INTEGRAL MOLECULAR INC	PA	R43AI079856	IDENTIFICATION OF NOVEL INFLUENZA INHIBITORS	\$273,933
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI080337	IMMUNOLOGY AND OUTCOMES AFTER HAART IN HIV/TB COINFECTION	\$741,612
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073328	ROLE OF PET ANIMALS AS RESERVOIRS FOR MRSA IN HOUSEHOLDS	\$196,875
2009	UNIVERSITY OF PITTSBURGH	PA	K22AI080977	MOLECULAR MECHANISMS OF PATHOGENESIS IN TOXOPLASMA	\$160,480
2009	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,242,244
2009	VIRONIKA LLC	PA	R43AI079928	NOVEL INHIBITORS OF LATENT EPSTEIN BARR VIRUS INFECTION	\$192,557
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI084836	TH17 CELLS IN AIDS PATHOGENESIS AND HIV VACCINES	\$551,253
2009	TEMPLE UNIVERSITY	PA	R01AI076423	REGULATION OF TYPE I IFNS IN TOLERANCE AND AUTOIMMUNITY	\$337,500
2009	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R13AI082865	EVERGREEN PHAGE CONFERENCE 2009	\$12,000

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2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077268	MOLECULAR DISSECTION OF EARLY TOXOPLASMA GONDII BRADYZOITE DIFFERENTIATION	\$50,054
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$941,644
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$495,640
2009	UNIVERSITY OF PITTSBURGH	PA	R00AI075106	NOVEL IL-17 PRODUCING MEMORY CELLS ARE KEY TO VACCINE-BASED IMMUNITY IN THE LUNG	\$236,591
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI071043	POSITIVE SELECTION-DEPENDENT SKIN-HOMING OF FETAL THYMIC GAMMA/DELTA T CELLS	\$312,906
2009	UNIVERSITY OF PITTSBURGH	PA	K08AI072365	THE ROLE OF BBI36/38 IN LYME DISEASE PATHOGENESIS	\$108,729
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI069192	THE BASIS FOR MHC CLASS II-RESTRICTED PROTEASOME-DEPENDENT EPITOPES	\$304,110
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073409	BIOPHYSICS OF FLUID LIPID/PROTEIN MEMBRANE DOMAINS AND IMMUNE CELL SIGNALING	\$190,953
2009	WISTAR INSTITUTE	PA	K22AI070317	ESSENTIAL ROLE OF TRANSCRIPTION FACTOR FOXP1 IN B CELL DEVELOPMENT AND FUNCTION	\$108,000
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI070807	REGULATION OF FOXP3 FUNCTION	\$370,125
2009	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$258,685
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI050732	CD4 T CELLS IN TUBERCULOSIS	\$500,566
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$127,811
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,673,937
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$399,770
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI067684	IMMUNOTHERAPY OF ADENOVIRUS INFECTIONS IN STEM CELL TRANSPLNT RECIPIENTS	\$297,196
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049344	COMPLEMENT REGULATORY PROTEINS AND AUTOIMMUNE DISEASE	\$386,269
2009	WISTAR INSTITUTE	PA	R01AI062512	PEDIATRIC IMMUNE CORRELATES OF EARLY ANTI-HIV THERAPY	\$588,935
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022193	HUMAN BLOOD MONOCYTE RECEPTOR EXPRESSION AND MODULATION	\$546,469
2009	DREXEL UNIVERSITY	PA	R01AI066215	DENDRITIC CELL REGULATION OF CD8+ T CELL RESPONSES	\$348,812
2009	PENNSYLVANIA STATE UNIVERSITY	PA	K02AI065795	PATHOGENESIS OF MUMPS VIRUS	\$103,842

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2009	WISTAR INSTITUTE	PA	R01AI069996	TB-RELATED IMMUNE RECONSTITUTION SYNDROME IN HIV-1 INFECTED SOUTH AFRICANS	\$395,343
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$387,673
2009	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$202,808
2009	UNIVERSITY OF PITTSBURGH	PA	F32AI077244	HELPER AND SUPPRESSOR ROLES OF CD8+ T CELLS	\$50,054
2009	DREXEL UNIVERSITY	PA	R01AI064844	ROLE OF HEPATITIS B VIRUS X PROTEIN IN HBV REPLICATION.	\$314,825
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$265,620
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI057988	GENETIC ANALYSIS OF PAPILOMAVIRUS VIRION MORPHOGENESIS	\$343,112
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$177,080
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI077913	OPTIMIZING THE FORMULATION OF A PROTEIN BASED SMALLPOX VACCINE	\$567,762
2009	THOMAS JEFFERSON UNIVERSITY	PA	R21AI072723	DNA MISMATCH REPAIR AND MALARIA DRUG RESISTANCE	\$193,000
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI038965	NEGATIVE SELECTIVE OF AUTOREACTIVE ANTIBODIES	\$534,638
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI078189	PNEUMOCOCCAL TRANSMISSION IN URBAN ENVIRONMENTS	\$157,500
2009	WISTAR INSTITUTE	PA	R01AI032137	A TRANSGENIC MODEL FOR B CELL TOLERANCE AND AUTOIMMUNITY	\$511,566
2009	DREXEL UNIVERSITY	PA	R01AI069147	VARIANT SURFACE ANTIGENS AND IMMUNITY TO MALARIA	\$432,899
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI073561	MOLECULAR PATHOGENESIS OF IMMUNE DYSFUNCTION IN WISKOTT-ALDRICH-SYNDROME	\$378,750
2009	UNIVERSITY OF PENNSYLVANIA	PA	P01AI073489	IMMUNE CHEMISTRY AND THERAPEUTIC FEATURES OF FOXP3	\$1,403,522
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$1,615,321
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI076695	THE PSA FIMBRIAE OF YERSINIA PESTIS, AN ADHESIN WITH PROTECTIVE IMMUNOGENIC PROPE	\$252,201
2009	HEPATITIS B FOUNDATION	PA	R13AI082786	2009 MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES MEETING	\$22,000
2009	INSTITUTE FOR CANCER RESEARCH	PA	R56AI077577	LOW ACTIVITY OLIGOMERS OF PORPHOBILINOGEN SYNTHASE AS ANTIBIOTIC TARGETS	\$436,250

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2009	UNIVERSITY OF PENNSYLVANIA	PA	R56AI081797	PLASMODIUM SIGNAL PEPTIDE PEPTIDASE AS A NOVEL ANTIMALARIAL TARGET	\$406,602
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077370	MECHANISMS OF HIV RESISTANCE TO CCR5 INHIBITORS AND CONSEQUENCES FOR PATHOGENESIS	\$59,402
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$378,750
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$393,750
2009	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$375,000
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI026782	LY-1 B CELLS: DEVELOPMENTAL ORIGINS AND V GENE BIASES	\$574,772
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI063496	IMMUNE REGULATION BY GADD45B AND GADD45G	\$301,640
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI060686	GENERATION OF NOVEL RECOMBINANT RABIES VIRUS VACCINES	\$253,935
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI046806	REGULATION OF PERSISTENT AB RESPONSES BY FC RECEPTORS	\$326,489
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073660	FUNCTION AND PHARMACOLOGY OF SCHISTOSOME MULTIDRUG RESISTANCE PROTEINS	\$347,642
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042334	REGULATION OF THE EARLY IMMUNE RESPONSE TO TOXOPLASMA GONDII	\$397,500
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$375,067
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI063030	FUNCTIONAL CHARACTERS OF MICRORNAS IN T LYMPHOCYTES	\$120,159
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071302	ROLE OF DENDRITIC CELLS IN RESISTANCE TO TOXOPLASMA.	\$481,418
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI071386	INFECTION, INFLAMMATION AND PREECLAMPSIA	\$504,532
2009	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$150,126
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI073940	NOVEL BACTERIAL PATHOGENS IN PELVIC INFLAMMATORY DISEASE	\$531,918
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI063288	MECHANISM OF PROTECTION OF DAF AND CD59 IN SLE	\$368,577
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI079731	THE MECHANISM OF NK CELL DEFECTS IN HUMAN NEMO DEFICIENCY	\$205,625
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI068633	MICROBICIDE TRIALS NETWORK	\$14,389,500
2009	VILLANOVA UNIVERSITY	PA	R15AI078396	TRYPANOSOME RNA SYNTHESIS: CHARACTERIZATION OF A NOVEL TRANSCRIPTION FACTOR AS A	\$220,827
2009	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R01AI075077	TRIPLE ACTION CHIMERA: ERADICATION OF NASAL S. AUREUS BY CELL WALL HYDROLASES	\$300,000

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2009	UNIVERSITY OF PITTSBURGH	PA	R01AI079057	ROLE OF CD91 AND ITS LIGANDS IN IMMUNE RESPONSE	\$331,455
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI080765	NEDD4-FAMILY UBIQUITINATION NETWORKS THAT REGULATE T CELL FUNCTION	\$411,250
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI081557	A NOVEL APPROACH TO IDENTIFY HIV SUPPRESSION FACTOR FROM CD8 CELLS	\$218,495
2009	WISTAR INSTITUTE	PA	U19AI083022	Shaping Antiviral Immunity by the Inflammatory, Regulatory and Tissue Environment	\$2,104,058
2009	UNIVERSITY OF PITTSBURGH	PA	K22AI080584	MULTIDRUG-RESISTANT ACINETOBACTER BAUMANNII	\$160,560
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI077511	USE OF SUBSTANCE P ANTAGONISTS TO REGULATE THE SKIN IMMUNE FUNCTION	\$374,270
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI081314	CONTROL OF ALPHA-BETA/GAMMA-DELTA T LINEAGE COMMITMENT	\$436,250
2009	MILTON S HERSHEY MEDICAL CENTER	PA	K22AI079271	STRUCTURAL STUDIES OF VIRUS AND RECEPTOR INTERACTION	\$154,560
2009	THOMAS JEFFERSON UNIVERSITY	PA	U19AI082726	Philadelphia Autoimmunity Center of Excellence	\$618,950
2009	UNIVERSITY OF PENNSYLVANIA	PA	R56AI080852	ADAPTER MOLECULES ON C3A RECEPTOR SIGNALING IN MAST CELLS	\$358,125
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U19AI082637	Combination HIV Antiretroviral Rectal Microbicide Program	\$2,240,713
2009	TEMPLE UNIVERSITY	PA	R21AI078417	DENDRITIC CELL LIGATION OF COMPLEMENT RECEPTOR 3 IN TRANSPLANATION TOLERANCE	\$193,598
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI081571	Novel mechanisms of HIV resistance to RTIs	\$334,337
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI060005	PASSIVE IMMUNIZATION FOR NEUROTROPIC VIRUS INFECTION	\$266,096
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070925	INVESTIGATION OF SV5 BUDDING MECHANISMS	\$320,051
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$393,750
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$0
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$156,181
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050484	RNA DELIVERY FOR DENDRITIC CELL HIV ANTIGEN PRESENTATION	\$393,750
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052861	MECHANISMS OF LYMPHOID LINEAGE COMMITMENT	\$384,552
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$411,250
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042370	HELPER T CELL REGULATION IN MURINE LEISHMANIASIS	\$393,750
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$719,298

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2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI046645	RISK FACTORS FOR DRUG RESISTANT PNEUMOCOCCAL BACTEREMIA	\$646,687
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$1,084,275
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	U01AI069467	PHILADELPHIA IMPAACT CLINICAL TRIALS UNIT	\$2,052,385
2009	CARNEGIE-MELLON UNIVERSITY	PA	R01AI066367	SOCIAL AND PSYCHOLOGICAL RISK FOR INFECTIOUS ILLNESS	\$566,783
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$576,711
2009	DREXEL UNIVERSITY	PA	R01AI046719	IN VITRO STIMULATION OF HIV SPECIFIC CD8+ T CELLS	\$357,207
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI060422	CHEMOKINE MODULATION DURING SIV INFECTION & AIDS	\$498,326
2009	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI069966	NOVEL, P. JIROVECII SPECIFIC ANTIPNEUMOCYSTIS AGENTS	\$313,094
2009	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	\$843,289
2009	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$340,875
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI052281	RECEPTORS AND SIGNALS IN COXSACKIEVIRUS PATHOGENESIS	\$403,436
2009	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$5,292,598
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI067780	TH2 EFFECTS ON EICOSANOID PATHWAYS: IMPLICATIONS FOR ALTERED INNATE RESPONSES IN	\$356,664
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI070499	INTEGRATED ANTIMICROBIAL DRUG DISCOVERY SCHEME FOR MULTIDRUG RESISTANT BACTERIA	\$538,322
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055435	Infectious Diseases Clinical Epidemiology Training Program	\$267,713
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI077014	ROLE OF ISG15 IN INHIBITION OF EBOLA VIRUS BUDDING	\$185,133
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$427,069
2009	UNIVERSITY OF PITTSBURGH	PA	R21AI079762	THE ROLE OF NUCLEAR WASP IN THE TRANSCRIPTIONAL REGULATION OF TH1 DIFFERENTIATION	\$189,375
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$304,107
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI080424	NEGATIVE EFFECTS OF IRRADIATED HOSTS ON TRANSPLANTED HEMATOPOIETIC STEM CELLS	\$378,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$373,339
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI068507	ELICITATION OF BROAD IMMUNITY USING VLPS WITH CONSENSUS ENVIS	\$687,125
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI082614	Rapid tests for Chlamydia and Neglected Tropical Diseases	\$398,749
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI082701	GP340 AND SYNDECAN INHIBITION BASED MICROBICIDE FOR HIV	\$219,338
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI081478	THE ROLE OF CHEMOKINES IN T CELL MIGRATION DURING TOXOPLASMIC ENCEPHALITIS	\$29,198
2009	ACTUATED MEDICAL INC	PA	R43AI080335	LIGHTWEIGHT ELECTRONICALLY CONTROLLED TRANSDERMAL PATCH FOR ENFUVIRTIDE DELIVERY	\$99,997
2009	UNIVERSITY OF PITTSBURGH	PA	U19AI084024	The UPMC Sexually Transmitted Infections Cooperative Research Center	\$2,421,903
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI078538	BACTERIAL AND HOST FACTORS IN PNEUMOCOCCAL COMPETITION	\$387,726
2009	UNIVERSITY OF PITTSBURGH	PA	R56AI079103	A MODEL ORGANISM TO STUDY ALLORECOGNITION AND CHIMERISM	\$417,098
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052789	KSHV-ORI-LYT-DEPENDENT DNA REPLICATION	\$425,243
2009	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R41AI073064	A NOVEL VACCINE: BOTULINUM NEUROTOXIN SUBUNIT ON A VIRAL CARRIER.	\$336,589
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI073015	ANTIBIOTIC USE AND ADVERSE EVENTS	\$75,402
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$309,015
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$357,945
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$339,536
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$416,993
2009	UNIVERSITY OF PITTSBURGH	PA	K08AI063101	TNF AND GRANULOMA FORMATION IN TUBERCULOSIS	\$120,717
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAEE INFECTION	\$379,502
2009	WISTAR INSTITUTE	PA	U01AI051986	HIV THERAPY & INTERRUPTION RCT IN RESOURCE POOR CLINIC	\$656,640
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI069494	UNIVERSITY OF PITTSBURGH CLINICAL TRIALS UNIT	\$3,455,746
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$368,577
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$419,378
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$360,788

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2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI053825	DENDRITIC CELL FUNCTION IN SCHISTOSOMIASIS	\$72,143
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$375,067
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$322,325
2009	THOMAS JEFFERSON UNIVERSITY, JEFFERSON MEDICAL COLLEGE	PA	R01AI065750	B1B LYMPHOCYTES GENERATE T CELL-INDEPENDENT MEMORY	\$332,202
2009	CARNEGIE-MELLON UNIVERSITY	PA	R01AI070272	GENETIC CONTROL OF ENTRY INTO MEIOSIS IN YEAST	\$365,315
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI040880	HIV ENTRY AND ITS INHIBITION	\$386,496
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$177,127
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI066333	SMALLPOX VACCINE AND VACCINIA COMPLEMENT CONTROL PROTEIN	\$324,409
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071774	VAGINAL IMMUNITY AFTER INTRANASAL LISTERIA VACCINATION	\$181,810
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI080144	TOOLS FOR HIV-1 INHIBITION ANTAGONISTS FOR THE CCR5 RECOGNITION SITE ON GP 120	\$51,710
2009	TEMPLE UNIVERSITY	PA	R01AI076535	COMBINATION THERAPIES FOR CHRONIC HBV, LIVER DISEASE AND CANCER	\$354,100
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074626	CHARACTERIZATION OF THE LA CROSSE VIRUS GLYCOPROTEIN FUSION PEPTIDE	\$347,765
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI073556	ROLE OF FSTL-1 IN ARTHRITIS	\$378,750
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$528,955
2009	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$535,156
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI081759	Enterovirus infection of polarized intestinal cells	\$376,175
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI077713	HCV DIVERSITY AND RESISTANCE ANALYZED BY DNA BAR CODING AND PYROSEQUENCING	\$131,652
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI080091	CONSTRAINT OF MYELOID LINEAGE POTENTIAL OF EARLY T PROGENITORS BY HES1	\$50,054
2009	UNIVERSITY OF PITTSBURGH	PA	U24AI082673	NOVEL MODIFIERS OF TOLL-LIKE AND RIG-LIKE RECEPTOR SIGNALING	\$333,966
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI079396	MECHANISMS AND THERAPEUTIC USE OF CR3 SIGNALING IN MODULATING AUTOIMMUNITY	\$133,920
2009	ECOHEALTH ALLIANCE INC	PA	K08AI067549	RISK FOR FUTURE OUTBREAKS OF HENIPAVIRUSES IN SOUTH ASIA	\$130,950
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI083480	EPITHELIAL CELL REGULATION OF INTESTINAL IMMUNE HOMEOSTASIS	\$198,594
2009	THERIMUNEX PHARMACEUTICALS, INC	PA	R43AI077248	A MODULATOR OF INNATE IMMUNITY FOR PREVENTING HOSPITAL-ACQUIRED INFECTIONS	\$344,431
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076257	INITIATION OF IMMUNE RESPONSE IN CHRONIC LEISHMANIASIS	\$196,875

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2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI079211	REPLICATION-DEFICIENT RABIES VECTORS AGAINST RABIES INFECTION	\$347,625
2009	UNIVERSITY OF PENNSYLVANIA	PA	U01AI082211	THERAPEUTICS THAT TARGET PROCESSIVITY COMPLEX PROTEINS OF POX AND OTHER VIRUSES	\$1,138,476
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI071846	RATIONAL DESIGN OF NRTI FOR DRUG RESISTANT HIV-1	\$590,913
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI068907	TRANSCRIPTIONAL CONTROL OF TH-POK, A KEY REGULATOR OF LINEAGE CONTROL	\$490,952
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	\$311,487
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI075846	CD8+ T CELL MEMORY AND MUCOSAL IMMUNITY TO TOXOPLASMA GONDII	\$50,054
2009	UNIVERSITY OF PENNSYLVANIA	PA	K24AI073957	NEIGHBORHOOD LEVEL DETERMINANTS OF PNEUMOCOCCAL DISEASE TRANSMISSION	\$184,893
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$1,210,936
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI065644	CYSTOSKELETAL REMODELING DURING T CELL ACTIVATION	\$403,436
2009	WISTAR INSTITUTE	PA	R01AI024541	RECEPTOR DIVERSITY IN RECOGNITION OF INFLUENZA HA	\$415,300
2009	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$170,010
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI037859	FUNCTION OF CD8 T CELLS IN TUBERCULOSIS	\$329,073
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$393,750
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI065702	GLUCOCORTICOID/STRESS EFFECTS ON DENDRITIC CELL FUNCTION	\$344,236
2009	DREXEL UNIVERSITY	PA	U01AI061441	IMINO SUGARS FOR FLAVIVIRUS INFECTIONS OF BIOTERROR	\$1,717,119
2009	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$385,891
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI039368	IMMUNE MODULATION BY INTESTINAL CELL DIFFERENTIATION	\$353,835
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI063360	IMMUNE RESPONSE TO POLYOMAVIRUS INFECTION	\$387,657
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$229,687
2009	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$532,983
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$343,120
2009	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,825,695
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$524,318

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2009	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,081,287
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049301	HOW DO YOU BUILD A PARASITE?	\$361,718
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076342	CAUSES AND CONSEQUENCES OF OSPC VARIATION IN BORRELIA BURGDORFERI TO LYME DISEASE	\$352,751
2009	DREXEL UNIVERSITY	PA	R01AI073794	CANDIDA GLABRATA PDR1: MASTER REGULATOR OF AZOLE RESISTANCE	\$355,000
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$603,362
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068819	THYMOCYTE TUNING AFTER SELECTION: MECHANISMS TO AVOID AUTOREACTIVITY	\$386,269
2009	TEMPLE UNIVERSITY	PA	R01AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	\$342,524
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068942	CHARACTERIZATION OF NADH TYPE II OXIDOREDUCTASE FROM MYCOBACTERIUM TUBERCULOSIS	\$376,974
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI073486	How bacteria corrupt the host vesicular trafficking:Role of SNARE-like Proteins	\$347,625
2009	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R41AI081334	HUMAN RABIES VIRUS VACCINE DEVELOPMENT	\$162,433
2009	THOMAS JEFFERSON UNIVERSITY	PA	R03AI076788	THE FUNCTION OF CFLIP IN B LYMPHOCYTES	\$77,250
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI073102	EFFECT OF TREG CELLS ON CD4+TH IMMUNE RESPONSES DURING ACUTE FIV INFECTION	\$126,630
2009	ENANTIGEN THERAPEUTICS INC	PA	R43AI084267	DEVELOPMENT OF A THERAPY FOR DENGUE VIRUS INFECTION	\$282,480
2009	UNIVERSITY OF PENNSYLVANIA	PA	F32AI078666	IDENTIFICATION OF CELLULAR FACTORS THAT IMPACT SINDBIS PATHOGENESIS USING RNAI	\$49,646
2009	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	\$126,495
2009	INSTITUTE FOR CANCER RESEARCH	PA	U19AI083008	IMMUNE MECHANISMS THAT CONTROL ECTROMELIA VIRUS INFECTION	\$1,935,772
2009	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI078417	DENDRITIC CELL LIGATION OF COMPLEMENT RECEPTOR 3 IN TRANSPLANATION TOLERANCE	\$67,856
2009	UNIVERSITY OF PITTSBURGH	PA	F32AI077372	COMPLEXES OF HIV-1 NEF WITH SRC-FAMILY KINASES AS THERAPEUTIC TARGETS	\$51,710
2009	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$303,030
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071886	ENHANCING MUCOSAL CELLULAR IMM RESP BY CO-DELIVERY OF PLASMID IL-15 W/DNA VACCINE	\$486,103
2009	UNIVERSITY OF PENNSYLVANIA	PA	R00AI073682	LYMPHOCYTE EXIT FROM TISSUES: CONTROL AND SIGNIFICANCE TO HOST DEFENSE	\$249,000

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2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI064553	MALARIA HATS IN TRANSCRIPTION REGULATION	\$398,077
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$419,378
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$457,709
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI048849	MHC CLASS I ANTIGEN PRESENTATION IN VIRAL INFECTIONS	\$419,378
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI051227	POLYOMAVIRUS INFECTION AFTER KIDNEY TRANSPLANTATION	\$316,780
2009	THOMAS JEFFERSON UNIVERSITY	PA	R01AI039501	ACCESSING THE MHC CLASS I PROCESSING PATHWAY	\$270,375
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI049335	DEVELOPMENT AND FUNCTION OF NATURAL AUTOREACTIVE B CELLS	\$436,041
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$433,750
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI062789	EXPRESSION AND FUNCTION OF THE TLRs ON T CELLS	\$374,366
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$309,646
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI069289	AUTOIMMUNE ENCEPHALOMYELITIS AND BCL-2- INTERACTING MEDIATOR	\$375,067
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073939	TRANSITIONAL B CELL SELECTION DURING PERIPHERAL B LYMPHOPENIA AND RECONSTITUTION	\$494,249
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	INSULIN-LIKE SIGNALING IN PARASITIC NEMATODE DEVELOPMENT	\$375,067
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032592	DEVELOPMENTAL B CELL TOLERANCE AND NEGATIVE SELECTION	\$366,385
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI033063	HERPES SIMPLEX VIRUS FC RECEPTOR	\$391,567
2009	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$906,157
2009	WISTAR INSTITUTE	PA	U01AI065279	ANTIVIRAL ACTIVITY OF PEG-IFN ALPHA IN CHRONIC HIV-1	\$502,174
2009	UNIVERSITY OF PITTSBURGH	PA	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$911,015
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$346,914
2009	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$357,207
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$580,515
2009	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI066734	APTAMER MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$598,613
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007634	POSTDOCTORAL TRAINING GRANT IN INFECTIOUS DISEASES	\$81,378

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2009	UNIVERSITY OF PITTSBURGH	PA	U01AI077771	VIRUS-LIKE PARTICLE VACCINES FOR PANDEMIC INFLUENZA	\$1,278,207
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$427,211
2009	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$349,173
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI072083	INTERACTION OF MICROVESICLES AND BACTERIAL TOXINS WITH IMMUNE CELLS	\$358,725
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI076256	ALTERNATIVE STRATEGIES FOR ADULT PNEUMOCOCCAL VACCINATION	\$227,250
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI078263	VECTOR COMMUNITY STRUCTURE AND MALARIA EPIDEMIOLOGY	\$186,500
2009	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073419	BACTERIAL BIOFILM-HOST INTERACTION DURING VIBRIO CHOLERAE INFECTION	\$157,500
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI067541	DENDRITIC CELLS, RAPAMYCIN AND TRANSPLANT TOLERANCE	\$364,196
2009	UNIVERSITY OF PITTSBURGH	PA	U19AI082623	RT INHIBITOR CSIC AND ENTRY INHIBITOR RETROCYCLIN RC101 AS MICROBICIDES	\$1,690,071
2009	UNIVERSITY OF PENNSYLVANIA	PA	R01AI077533	REGULATION OF IMMUNITY AND INFLAMMATION BY TIPE2	\$393,750
2009	INSTITUTE FOR CANCER RESEARCH	PA	R01AI067313	INHIBITION OF THE INTERFERON RESPONSE BY WEST NILE VIRUS	\$385,165
2009	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI073955	Eosinophils and Allergic Airway Responses	\$363,261
2009	CARNEGIE-MELLON UNIVERSITY	PA	R01AI076318	INFERRING IN VIVO CAPSID ASSEMBLY KINETICS FROM IN VITRO BY STOCHASTIC SIMULATION	\$279,175
2009	FOX CHASE CHEMICAL DIVERSITY CENTER INC	PA	R43AI084224	PATHOGEN-SPECIFIC REGULATION OF PROTEIN ASSEMBLY	\$300,000
2009	TEMPLE UNIVERSITY	PA	R01AI080968	DISCOVERY OF NOVEL MACROLIDE ANTIBIOTICS	\$319,932
2009	UNIVERSITY OF PITTSBURGH	PA	R01AI079047	THE ROLE OF E47 IN UNCOMMITTED HEMATOPOIETIC PROGENITORS	\$331,966
2009	DREXEL UNIVERSITY	PA	R01AI084117	CHIMERIC VIRUCIDES BASED ON A NOVEL THEORY OF VIRAL METASTABILITY	\$342,666
2009	UNIVERSITY OF PENNSYLVANIA	PA	K24AI080942	MENTORING AND PATIENT-ORIENTED RESEARCH IN ANTIMICROBIAL RESISTANCE	\$178,446
2009	UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$262,500
2009	UNIVERSITY OF PUERTO RICO	PR	U01AI069415	UNIVERSITY OF PUERTO RICO CLINICAL TRIALS UNIT	\$2,480,642
2009	UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS	PR	SC2AI081661	BIOCHEMICAL CHARACTERIZATION OF THE REGULATORY T-CELL PROTEIN LAG-3.	\$112,500
2009	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$421,205

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2009	MIRIAM HOSPITAL (THE)	RI	K23AI071760	CONCURRENT HAART AND TUBERCULOSIS TREATMENT: DRUG TO DRUG INTERACTIONS	\$126,954
2009	MIRIAM HOSPITAL (THE)	RI	K24AI066884	ANTIVIRAL THERAPY AND HIV IN THE GENITAL TRACT OF WOMEN	\$153,284
2009	UNIVERSITY OF RHODE ISLAND	RI	U19AI082642	TRANSLATIONAL IMMUNOLOGY RESEARCH AND ACCELERATED (VACCINE) DEVELOPMENT (TRIAD)	\$2,486,017
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI081357	2009 MOLECULAR APPROACHES FOR EMERGENT RE-EMERGENT TROPICAL DISEASES GORDON RESEA	\$12,000
2009	BCR DIAGNOSTICS	RI	R44AI073000	ENGINEERED SPORES AS FLUOROGENIC BIOLOGICAL INDICATORS FOR STERILITY TESTING	\$267,928
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI084191	2009 MICROBIAL POPULATION	\$15,240
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082710	2009 APOPTOTIC CELL RECOGNITION & CLEARANCE GORDON CONFERENCE	\$7,000
2009	BROWN UNIVERSITY	RI	R21AI081560	PHENOTYPIC SWITCHING IN CANDIDA ALBICANS AND ITS ROLE IN PATHOGENESIS	\$201,719
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082702	2009 TUBERCULOSIS DRUG DEVELOPMENT GRC	\$16,500
2009	RHODE ISLAND HOSPITAL	RI	K02AI077708	MECHANISMS MEDIATING ADVERSE BIRTH OUTCOMES IN THE CONTEXT OF S. JAPONICUM INFECT	\$105,195
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082741	2009 PHAGOCYTE GORDON CONFERENCE AND GORDON RESEARCH SEMINAR	\$10,000
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI084190	2009 GORDON CONFERENCE ON MICROBIAL ADHESION AND SIGNAL TRANSDUCTION	\$10,000
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082751	2009 ANTIGEN CROSS PRESENTATION GORDON-SPONSORED MEETING	\$7,000
2009	BROWN UNIVERSITY	RI	R01AI054128	MECHANSIM OF ACTIVATION OF INNATE IMMUNITY BY ISS-DNA	\$354,830
2009	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$916,703
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082725	2009 VIRUSES AND CELLS GRC	\$16,000
2009	BROWN UNIVERSITY	RI	F31AI080230	KLRG1, CADHERINS AND THEIR INTERACTIONS	\$34,776
2009	EPIVAX, INC	RI	R21AI078800	OPTIMIZATION OF HIV VACCINE SUBUNIT DELIVERY	\$202,138
2009	BROWN UNIVERSITY	RI	F31AI075614	UNDERSTANDING THE ROLE OF IL-10 IN ACUTE MURINE CYTOMEGALOVIRUS INFECTION	\$26,570
2009	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$611,777

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2009	RHODE ISLAND HOSPITAL	RI	R01AI058697	OVERCOMING HIV-1 RESISTANCE TO RNA INTERFERENCE	\$347,418
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI082707	2009 STAPHYLOCOCCAL DISEASES GORDON CONFERENCE	\$12,000
2009	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$1,564,925
2009	RHODE ISLAND HOSPITAL	RI	U19AI070202	SIRNA MICROBICIDES	\$742,229
2009	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI081369	2009 CHEMICAL AND BIOLOGICAL TERRORISM DEFENSE GORDON RESEARCH CONFERENCE	\$15,000
2009	BROWN UNIVERSITY	RI	R03AI078156	ANALYZING THE EFFECTIVENESS OF A NON-VERBAL RESPONSE CARD: EVIDENCE FROM ETHIOPIA	\$79,500
2009	BROWN UNIVERSITY	RI	F31AI075607	IDENTIFICATION OF A CRYPTIC MEIOSIS IN THE FUNGAL PATHOGEN C. ALBICANS	\$27,008
2009	RHODE ISLAND HOSPITAL	RI	R21AI079582	NEUTROPHIL MECHANOSENSING	\$187,219
2009	BROWN UNIVERSITY	RI	R56AI055677	TYPE 1 IFN FUNCTION AND SIGNALING IN IMMUNITY TO VIRUSES	\$457,210
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$295,000
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI079800	ALTERED SOMATIC MUTATION IN IGAD/CVID; ASSOCIATION WITH DEFICIENCY OF MSH4/5	\$184,375
2009	GENPHAR INC	SC	U01AI070382	PRECLINICAL EVALUATION OF A TRIVALENT MARBURG VACCINE	\$1,083,681
2009	CLEMSON UNIVERSITY	SC	R15AI075326	Nutrient Sensing and Hexokinases in T. brucei	\$11,396
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$368,750
2009	CLEMSON UNIVERSITY	SC	R15AI081207	CONTROLLING FATTY ACID SYNTHESIS IN AFRICAN TRYPANOSOMES	\$70,630
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$328,500
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI076721	CANDIDA GLABRATA GENE ACTIVATION DURING MUCOSAL INFECTION	\$219,000
2009	GENPHAR INC	SC	R43AI078652	DEVELOPMENT OF A SAFE AND EFFECTIVE CHIKUNGUNYA VIRUS VACCINE	\$215,117
2009	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI078493	NEW METHODS FOR THE EARLY DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS	\$221,250
2009	CLEMSON UNIVERSITY	SC	R01AI046414	ROLE OF LIPID RAFTS AND PHOSPHOINOSITIDES IN E. HISTOLYTICA VIRULENCE	\$218,518
2009	CLEMSON UNIVERSITY	SC	R03AI076869	A NOVEL COLON-SPECIFIC BI-FUNCTIONAL AMEBICIDAL THERAPEUTICS: GAL-DEXTRAN-MM	\$74,250
2009	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$252,875

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	SOUTH DAKOTA STATE UNIVERSITY	SD	K02AI076125	MECHANISM OF ACTION OF AN HIV-1 MATURATION INHIBITOR	\$98,118
2009	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI078177	A NOVEL ASSAY FOR INHIBITORS OF INFLUENZA A VIRUS POLYMERASE COMPLEX ASSEMBLY	\$216,039
2009	UNIVERSITY OF SOUTH DAKOTA	SD	R21AI077671	DETERMINE THE RELATIVE VIRULENCE AND THE TEMPORAL EXPRESSION OF SARA PARALOG GEN	\$179,375
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$163,853
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$425,711
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$378,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$285,561
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$420,000
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI066349	SYNERGISM BETWEEN INFLUENZA VIRUS AND PNEUMOCOCCUS	\$348,812
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$479,706
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI061223	METABOLIC DISCRIMINATION OF UNKNOWN BACTERIAL PATHOGENS	\$1,079,130
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI080405	ANALYSIS OF RADIOMITIGATIVE CELL SIGNALING	\$374,037
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	\$129,222
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074830	A LONGITUDINAL STUDY OF CA-MRSA NASAL COLONIZATION IN COLLEGE SPORTS PARTICIPANTS	\$125,091
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077528	FLEXIBILITY AND COMMITMENT IN POST-EFFECTOR CD4 LYMPHOCYTES	\$387,500
2009	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI084057	THE ROLE OF PD-1 AND SOCS-1 IN HCV CORE/GC1QR-MEDIATED IL-12 SUPPRESSION	\$214,500
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$605,938
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI075259	STRUCTURAL MECHANISMS OF BOTULINUM NEUROTOXIN PATHOGENESIS	\$307,000
2009	ARTHROCHIP COMPANY	TN	R42AI053984	GENE EXPRESSION AND DIAGNOSIS OF AUTOIMMUNE DISEASE	\$883,821
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI059108	THE STRUCTURE AND FUNCTION OF THE CRTH2 PDG2 RECEPTOR	\$351,137

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2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068009	ANALYSIS OF THE H. PYLORI CAG PATHOGENICITY ISLAND	\$383,750
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI062921	ROLE OF MACROPHAGE ARGINASE IN ANTI-BACTERIAL IMMUNITY	\$244,169
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$258,715
2009	MEHARRY MEDICAL COLLEGE	TN	SC1AI081655	MECHANISMS OF BIOGENESIS OF ATYPICAL ALPHAVIRUSES	\$366,250
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI076816	TREATMENT OF BACTERIAL PNEUMONIA AFTER INFLUENZA	\$258,461
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI079732	Accessibility Control of Antigen Receptor Gene Assembly	\$208,750
2009	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI078373	CAN CHLAMYDIAL INFECTION INCREASE HOST MUTATION FREQUENCY?	\$210,947
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	K22AI077714	IMMUNODOMINANCE HIERARCHIES AND COMPENSATION IN INFLUENZA SPECIFIC CD8+ T CELL RE	\$162,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI044924	IFN-GAMMA GENE REGULATION IN T CELLS AND NK CELLS	\$348,750
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$383,750
2009	UNIVERSITY OF TENNESSEE	TN	R01AI071042	VIRAL CHEMOKINE ALTERATION OF NEUTROPHIL FUNCTIONS	\$307,952
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI061260	VSV AS A VECTOR FOR CYTOKINE-ASSISTED TULAREMIA VACCINES	\$596,955
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$312,535
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$348,812
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI054952	VACCINE-ENHANCED RESPIRATORY SYNCYTIAL VIRUS DISEASE	\$323,350
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI063200	FLUOROQUINOLONE RESISTANCE IN M. TUBERCULOSIS	\$365,542
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$614,066
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050080	MECHANISMS OF REOVIRUS-INDUCED APOPTOSIS	\$338,813
2009	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$192,400
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K01AI070808	ETIOLOGY AND SEVERITY OF INFANT BRONCHIOLITIS AND DEVELOPMENT OF CHILDHOOD ASTHMA	\$124,644
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI072453	DIRECTED EVOLUTION OF INHIBITORS OF ANTHRAX TOXIN	\$301,167

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2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI072816	PAIRING OF EBI-3 AND IL12 P35 TO YIELD A NOVEL REGULATORY T CELL CYTOKINE	\$50,054
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070672	THE ROLE OF IL-17 IN RSV-INDUCED MUCUS AND AIRWAY RESPONSIVENESS	\$372,864
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$802,962
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI081066	IN VIVO FUNCTION OF NEMO AS A SENSOR OF K63-LINKED POLYUBIQUITINATION	\$191,875
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R03AI077478	CARCINOGENICITY TESTING OF NOVEL PHENANTHRENE DIKETOACID ANTI-HIV AGENTS	\$73,000
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI039480	MECHANISM AND FUNCTION OF THE REGULATORY PROTEIN LAG-3	\$370,818
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$750,052
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI070373	THERAPEUTIC MONOCLONAL ANTIBODIES TO H5N1 INFLUENZA	\$2,562,311
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U19AI066316	RACIAL DIFFERENCE IN HEPATITIS C VIRUS-HOST INTERACTIONS AND RESPONSE	\$628,142
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$1,718,609
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI061721	MOLECULAR BASIS OF INKT CELL ONTOGENY AND FUNCTION	\$365,542
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI079123	INHIBITION OF CLOSTRIDIUM PERFRINGENS EPSILON TOXIN	\$374,551
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI073697	CELL ENTRY OF HUMAN METAPNEUMOVIRUS	\$191,875
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI081486	MECHANISMS OF REOVIRUS NEURAL TROPISM AND SPREAD	\$50,054
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI073843	Pathobiology of heme inducible transporters in Gram positive pathogens	\$307,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI042756	ENZYMولوجY OF ANTIBIOTIC RESISTANCE	\$271,250
2009	UNIVERSITY OF TENNESSEE	TN	R01AI014367	CORONAVIRUS RNA REPLICATION	\$355,750
2009	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$341,306
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$2,006,746
2009	UNIVERSITY OF TENNESSEE	TN	R01AI060818	STRUCTURE-FUNCTION STUDIES OF ENDOTOXIN RECEPTOR CD14	\$269,748
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$499,272
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070251	PROTECTIVE CELL-MEDIATED IMMUNITY AGAINST LETHAL H5N1 INFLUENZA A VIRUSES	\$400,072

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2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$346,156
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI007611	CELLULAR AND MOLECULAR MICROBIOLOGY TRAINING PROGRAM	\$170,199
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076938	LIPIDS OF MYCOBACTERIA	\$0
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI080227	CHANGES IN HIV-1 IMMUNE RESPONSE ASSOCIATED WITH PREGNANCY	\$125,581
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI070693	TRANSCRIPTIONAL CONTROL OF CHLAMYDIAL DEVELOPMENT	\$365,000
2009	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI013446	VIRULENCE FACTORS OF CHLAMYDIAE	\$429,501
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$167,664
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$328,987
2009	MEHARRY MEDICAL COLLEGE	TN	T32AI007281	Molecular Microbial Pathogenesis Training Program	\$150,918
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R21AI076938	LIPIDS OF MYCOBACTERIA	\$252,000
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R13AI082824	2ND CO-INFECTIONS MEETING	\$5,000
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	T32AI078906	TRAINING GRANT IN BACTERIAL PATHOGENESIS	\$74,907
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI083443	TLR-MEDIATED SIGNALING COMPLEX FORMATION AND REGULATION OF EFFECTOR FUNCTIONS	\$420,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074863	ADULT FLU HOSPITALIZATIONS: EVALUATING DIAGNOSTIC METHODS & VACCINE EFFECTIVENESS	\$125,496
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R37AI010085	CHEMISTRY AND IMMUNOLOGY OF STREPTOCOCCAL M PROTEINS	\$349,186
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI065744	ROLE OF MYCOBACTERIA IN SARCOIDOSIS IMMUNOPATHOGENESIS	\$364,415
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068149	INTERLEUKIN 4 REGULATION OF LYMPHOCYTES	\$365,542
2009	MEHARRY MEDICAL COLLEGE	TN	R21AI076757	SRP RNA LEVEL AS A DETERMINANT OF LEISHMANIAL PARASITISM OF MACROPHAGES	\$183,125
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K08AI083078	ANTIBODIES RECOGNIZING QUATERNARY DIFFERENCES IN HIV ENVELOPE GLYCOPROTEINS (K08)	\$127,764
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI084330	THE ROLE OF IL-12 FAMILY SUBUNIT IN REGULATION OF IL-35 PRODUCTION	\$45,218
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$328,987
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI083370	MOLECULAR BASIS FOR PARAINFLUENZA VIRUS INFECTION AND HOST RESPONSE	\$420,000

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2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R34AI081875	RECOMBINANT HPIV3 AND RSV SENDAI VIRUS VACCINE PHASE I CLINICAL TRIAL DEVELOPMENT	\$126,000
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R56AI076411	COX REGULATION OF ALLERGIC SENSITIZATION AND IMMUNE MEMORY GENERATION	\$387,500
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$253,507
2009	MICROBIAL NOVOTEQS INC	TN	R01AI069201	YEAST-BASED HIGH-THROUGHPUT ASSAYS FOR PROTEASES OF CATEGORY A, B, & C VIRUSES	\$404,663
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$1,175,031
2009	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI075517	DEVELOPMENT OF ANTIMALARIAL PRECLINICAL CANDIDATES	\$1,076,671
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI080108	ROLE OF BETA1 INTEGRIN IN MAMMALIAN REOVIRUS INFECTION.	\$50,054
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070305	MECHANISMS AND CONSEQUENCES OF INKT CELL ANERGY	\$376,459
2009	MEHARRY MEDICAL COLLEGE	TN	SC2AI083925	NOVEL TRYPTANOSOME RECEPTOR FOR THROMBOSPONDIN-1	\$146,500
2009	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076983	STRUCTURAL ANALYSIS OF REOVIRUS ATTACHMENT MECHANISMS	\$335,761
2009	MEHARRY MEDICAL COLLEGE	TN	SC1AI089073	Roles of inflammation-driven chemokines in the pathogenesis of ovarian cancer	\$355,027
2009	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI079757	DETERMINATION OF A MECHANISM FOR THE THROMBOCYTOPENIA OF WAS	\$182,500
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI024998	INTESTINAL MUCOSAL IMMUNITY	\$383,750
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI007520	Molecular Microbiology Training Grant	\$269,422
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI053422	HUMAN CELLULAR IMMUNE RESPONSES TO LEPTOSPIRA	\$39,363
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI039824	GENETIC DISSECTION OF SLE PATHOGENESIS	\$1,568,085
2009	UNIV OF TX ALLERGY & INFECTIOUS DISEASES TRNG GRANT CMT	TX	R01AI069253	THE ROLE OF ACTIVATED NK CELLS IN A MOUSE MODEL OF LUPUS ERYTHEMATOSUS	\$373,877
2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI054629	THE ROLE OF NK CELLS IN HUMAN M. TUBERCULOSIS INFECTION	\$255,795
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$339,510
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI069371	DEFINING GENETIC PATHWAYS TO SEVERE SYSTEMIC AUTOIMMUNITY	\$594,270

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2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$9,020,953
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI044406	A GENOME SCAN FOR SUSCEPTIBILITY TO HELMINTHIC INFECTION	\$667,482
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067861	IMPORTANCE OF ADHESIN-LIKE PROTEINS OF ENTEROCOCCUS FAECIUM	\$353,635
2009	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI068135	STRUCTURAL GENOMICS OF PERSISTENCE TARGETS FROM M. TUBERCULOSIS	\$2,664,560
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI042345	GENETIC MECHANISMS IN BORRELIA BURGDORFERI PATHOGENESIS	\$362,757
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$841,436
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$1,494,947
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI077077	DENDRITIC CELL TARGETING ENHANCES FLAVIVIRUS VACCINE EFFICACY	\$220,970
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI077853	AI-3 INHIBITORS AS TREATMENT FOR BACTERIAL INFECTIONS	\$1,372,064
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI062888	DC-MEDIATED HOMEOSTATIC PROLIF. OF CD4 T CELLS BY TSLP	\$280,910
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI067906	REORGANIZATION OF HIGHER-ORDER CHROMATIN STRUCTURES DURING IGK GENE ACTIVATION	\$385,043
2009	UNIVERSITY OF TEXAS, EL PASO	TX	SC2AI081377	THE SUMOYLATION SYSTEM AS A NOVEL TARGET FOR ANTI-INFLUENZA THERAPIES	\$111,000
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	\$196,250
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI068712	POTENTIAL ROLE OF H. PYLORI-INDUCED MIF IN GASTRIC CANCER	\$7,670
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$553,263
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071882	TARGETED DELIVERY OF ANTI HIV SRNAS/SHRNAS TO T CELLS	\$350,344
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	\$392,500
2009	LUMINEX CORPORATION	TX	U01AI082461	HIGHLY MULTIPLEXED DIAGNOSTIC INSTRUMENT FOR USE IN NONTRADITIONAL SETTINGS	\$440,000
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI034432	Polyamine and trypanothione metabolism in Trypanosoma brucei	\$375,400

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	LUMINEX CORPORATION	TX	R43AI083086	DEVELOPMENT OF A FIELD DEPLOYABLE CELL ANALYZER FOR THE MEASUREMENTS OF TOTAL LYM	\$173,066
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI079232	ENDOGENOUS GLYCOSPHINGOLIPID ANTIGENS FOR NKT CELLS	\$385,000
2009	BIOTEX, INC	TX	R44AI066425	RAPID MICROBIAL IDENTIFICATION BY MALDI-TOF MASS SPECTROMETRY OF RIBOSOMAL RNA	\$396,675
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI064927	DC-HIL IN CUTANEOUS IMMUNITY	\$392,500
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R56AI077645	IDENTIFICATION OF SALMONELLA GENES INVOLVED IN PERSISTENCE IN THE MURINE INTESTIN	\$422,659
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI073394	HEAT STABLE FILOVIRAL DIAGNOSTICS	\$213,750
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI049534	CHRACTERISTICS OF AN M. TUBERCULOSIS DERIVED VACCINE	\$375,000
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$392,500
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI056326	ANTI-TICK-BORNE ENCEPHALITIS VIRUS MINIPROTEIN AGENTS	\$351,137
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069152	ROLE OF CHEMOKINE MONOMER-DIMER EQUILIBRIUM IN INNATE IMMUNITY AND INFLAMMATION	\$323,629
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057504	REGULATORY MECHANISMS OF HBV X GENE TRANSCRIPTION	\$316,025
2009	BAYLOR COLLEGE OF MEDICINE	TX	R37AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$357,207
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$490,624
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI065630	MOLECULAR BASIS OF INTERFERON RESPONSE IN HCV	\$124,200
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI075145	COPY NUMBER VARIATION IN MALARIA PARASITES	\$402,852
2009	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$564,530
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072493	ANALYSIS OF SARS CORONAVIRUS-HOST CELL INTERACTIONS	\$296,262
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069145	MECHANISMS OF SYLVATIC DENGUE EMERGENCE	\$615,444
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$96,852
2009	RICE UNIVERSITY	TX	R01AI067638	STRUCTURAL BASIS OF PROTEIN-PRIMED RNA SYNTHESIS BY BIRNAVIRUSES	\$322,755

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2009	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI074789	SERINE PROTEINASE INHIBITORS (SERPINS) IN TICK FEEDING AND PHYSIOLOGY	\$72,750
2009	TEXAS A & M RESEARCH FOUNDATION	TX	U01AI082226	Stimulated Innate Resistance of the Lungs to Bioterror pathogens	\$472,190
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI082327	SOMATIC MOSAICISM IN THE WISKOTT-ALDRICH SYNDROME	\$187,500
2009	LYNNTECH, INC	TX	R43AI082798	ULTRASENSITIVE, LABEL-FREE SILICON NANOWIRE BIOSENSING ARRAYS	\$200,000
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI080022	HOST CELL PROTEINS THAT INTERACT WITH CRYPTOSPORIDIUM	\$183,125
2009	TERAPIO CORPORATION	TX	R43AI081356	DEVELOPMENT OF RLIP767 AS A RADIATION COUNTERMEASURE	\$280,875
2009	BAYLOR COLLEGE OF MEDICINE	TX	R56AI080681	EVASION OF INTRINSIC ANTIVIRAL HOST CELL RESPONSES BY HERPESVIRUSES	\$345,375
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R33AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$458,348
2009	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI068943	STRUCTURAL STUDIES ON BACTERIAL TWO-PARTNER SECRETION SYSTEMS	\$328,880
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$374,250
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$315,359
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$292,500
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI043486	SIGMA 54 AND VIBRIO CHOLERAЕ PATHOGENESIS	\$164,522
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI057768	IDENTIFICATION OF T CELL ANTIGEN FOR Q FEVER VACCINATION	\$364,437
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$373,877
2009	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$259,910
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI057696	ADHESION MOLECULES IN ALLERGIC LUNG INFLAMMATION	\$395,304
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI065697	TB VACCINE DEVELOPMENT IN NONHUMAN PRIMATE MODEL	\$656,291
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$1,275,174
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI064562	HOST IMMUNITY AND VIRULENCE IN CANDIDA ALBICANS PATHOGENESIS	\$336,965
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI075068	THE MOLECULAR MECHANISMS OF BACTERIAL OUTER MEMBRANE VESICLE FORMATION	\$361,008
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062453	DETERMINING WHETHER TRANSIENT HIV INFECTION OCCURS	\$435,431

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2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI078559	BORRELIA BURGDORFERI INTERACTIONS WITH MAMMALIAN HOST CELLS	\$347,029
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	U19AI071130	ASTHMA AND ALLERGIC DISEASES COOPERATIVE RESEARCH CENTER	\$1,117,829
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI070083	GALVESTON NATIONAL LABORATORY OPERATIONS	\$15,000,000
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI040035	THE SOUTHEASTERN COOPERATIVE HEPATITIS C RESEARCH GROUP	\$1,454,533
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI078006	RIFT VALLEY FEVER VACCINE DEVELOPMENT OF ANIMAL MODELS AND OPTIMIZE PRODUCTION	\$1,282,621
2009	UNIVERSITY OF TEXAS, EL PASO	TX	R21AI079618	SYNTHESIS OF IMMUNOGENIC GLYCOLIPEPTIDES FOR THE DEVELOPMENT OF VACCINES FOR CH	\$224,500
2009	BAYLOR COLLEGE OF MEDICINE	TX	R21AI083095	TOWARD AN HIV-1 MACAQUE MODEL	\$300,000
2009	BAYLOR COLLEGE OF MEDICINE	TX	R21AI078307	TRANSFORMING POTENTIAL OF EMERGING HUMAN RETROVIRUSES	\$191,875
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K24AI079272	DISSECTING THE IMMUNE BASIS OF DISEASE AND THERAPY	\$182,524
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI080656	Regulation of Rotavirus Replication	\$383,750
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069142	IMMUNE MECHANISMS OF HCV PERSISTENCE AND PATHOGENESIS	\$333,295
2009	RICE UNIVERSITY	TX	R25AI062762	MEDMYST III: INFECTIOUS DISEASES MATERIALS FOR MIDDLE SCHOOL STUDENTS	\$229,786
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI015495	DIETARY DEFICIENCIES AND TUBERCULOSIS VACCINE EFFICACY	\$270,678
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPITOPE PREDICTION	\$280,910
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI043003	PATHOGENIC MECHANISMS OF CUTANEOUS LEISHMANIASIS	\$245,797
2009	BAYLOR COLLEGE OF MEDICINE	TX	U19AI070973	INNATE IMMUNITY IN ALLERGIC AIRWAY INFLAMMATION OF ASTHMA	\$1,453,015
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPJ	\$333,625
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R37AI047923	ALTERNATIVE APPROACHES FOR E FAECALIS INFECTIONS	\$414,389
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$660,819
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI063063	REGULATION OF CELLULAR RESPONSE TO TNF	\$279,050
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI018867	TOWARD A MOLECULARLY-DEFINED VACCINE FOR SCHISTOSOMIASIS	\$344,521
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI047725	REPLICATIVE FITNESS OF SIV VARIANTS	\$527,642

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2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$269,050
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI062917	FC RECEPTOR SIGNALING IN VACCINE DESIGN FOR THE ELDERLY	\$394,496
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI044594	FATTY ACID BIOSYNTHESIS IN CRYPTOSPORIDIUM PARVUM	\$301,006
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K08AI064564	ANALYSIS OF GROUP A STREPTOCOCCUS-SALIVA INTERACTION	\$125,280
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI070236	DEVELOPMENT OF A LYOPHILIZED INTRADERMAL/INTRANASAL RICIN VACCINE	\$540,262
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$121,144
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$361,814
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI080115	REGULATION OF EHEC VIRULENCE GENES BY QSEA AND SMALL RNA MOLECULES	\$51,710
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI071283	VACCINE FOR EPIDEMIC TYPHUS	\$510,346
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069270	EHRlichia GLYCOPROTEIN MODULATION OF MACROPHAGE GENE EXPRESSION	\$185,164
2009	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$133,024
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI083359	Type III effector regulation of host signal transduction systems	\$392,500
2009	NORWELL INC	TX	R43AI071634	DEVELOPMENT, PRODUCTION AND EVALUATION OF A MULTIVALENT ADENOVIRAL PLAGUE VACCINE	\$246,402
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI067803	CHARACTERIZATION OF MURINE CD244 HAPLOTYPES WITH DIVERGENT FUNCTION	\$126,788
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI079371	MOLECULAR PATHWAYS INVOLVED IN TLR11 MEDIATED IL-12 PRODUCTION BY DENDRITIC CELLS	\$117,750
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI076809	BACTERIOLYTIC PHAGE ENZYMES AS NOVEL ANTIBACTERIALS AGAINST YERSINIA PESTIS	\$292,001
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI079674	DECISIONS TO TAKE PART IN RESEARCH: UNDERSERVED MINORITIES, HIV AND DRUG USE	\$150,000
2009	BAYLOR RESEARCH INSTITUTE	TX	U19AI082715	Novel Innate and Adaptive Immunity Pathways Lead to Human Systemic Autoimmunity	\$702,000
2009	BAYLOR RESEARCH INSTITUTE	TX	U01AI082110	Blood Transcriptional Biomarker Profiles for Category B Pathogens	\$1,213,173
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI081529	A NOVEL DEXH-BOX HELICASE ASSOCIATES WITH CATALYTIC EDITING PROTEINS IN A PUTATIV	\$140,226

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	LYNNTECH, INC	TX	R43AI081364	SAMPLE PREPARATION AND REAL-TIME PCR SYSTEM FOR NON-TRADITIONAL SETTINGS	\$135,576
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$334,125
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI074860	CPAF INDUCED CD4+ T CELL MEDIATED IMMUNITY AGAINST CHLAMYDIA	\$361,250
2009	BAYLOR COLLEGE OF MEDICINE	TX	K08AI080978	STAPHYLOCOCCUS AUREUS MSCRAMM SDRD IN ATTACHMENT AND INVASIVE DISEASE	\$129,060
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI072446	IDENTIFICATION AND ANALYSIS OF HOST FACTORS THAT SUPPORT BRUCELLA INFECTION	\$180,232
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI078348	IMMUNE RESPONSE OF DROSOPHILA AGAINST SPIROPLASMA	\$72,545
2009	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007495	MOLECULAR AND CELLULAR MECHANISMS OF HOST DEFENSE	\$170,495
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$375,000
2009	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	TRAINING PROGRAM FOR CLINICAL RESEARCH ON AIDS	\$262,156
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI061381	PILUS ASSEMBLY IN GRAM-POSITIVE BACTERIA	\$321,486
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$449,051
2009	BAYLOR COLLEGE OF MEDICINE	TX	U01AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$741,043
2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI063514	REGULATION OF IFN-GAMMA PRODUCTION IN HUMAN TUBERCULOSIS	\$255,795
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI061624	NOS2 AND ARGINASE IN VISCERAL LEISHMANIASIS	\$289,514
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062735	TICK POLARIZED T-CELL RESPONSES AND BORRELIA INFECTION	\$337,185
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071145	PROTECTIVE GLYCOPEPTIDE IMMUNODETERMINANTS OF EHRlichia CHAFFEENSIS	\$359,588
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI064512	PHAGES OF BURKHOLDERIA CEPACIA: BIOLOGY AND THERAPEUTICS	\$317,006
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067847	WEST NILE VIRUS: EPIDEMIOLOGY AND MOSQUITO COMPETENCE	\$359,588
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	P01AI057986	TULAREMIA: PATHOGENESIS AND HOST RESPONSE	\$1,167,308
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI066895	PROTEIN PHOSPHATASES IN LYMPHOCYTE SIGNAL TRANSDUCTION	\$348,812
2009	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI064069	OPTIMIZING GAG CTL EPITOPES TO IMPROVE IMMUNOGENICITY	\$572,564

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2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI075509	SMALL MOLECULE INHIBITORS OF RICIN AND SHIGA TOXINS	\$615,692
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065463	AUTOREACTIVE CD8+ T CELLS IN MULTIPLE SCLEROSIS	\$377,946
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI065396	COMPUTATIONAL AND STRUCTURAL BIOLOGY IN BIODEFENSE	\$74,840
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069171	ROLE OF THE ENDOTHELIUM IN THE T CELL-MEDIATED ANTI-RICKETTSIAL IMMUNE RESPONSE	\$222,197
2009	SERALOGIX INC	TX	R43AI084223	HOST-PATHOGEN INTERACTION NETWORK LEARNING FROM IN VIVO GENE CO-EXPRESSION	\$134,418
2009	BAYLOR COLLEGE OF MEDICINE	TX	F31AI071372	GENE VARIATION AND RESPONSIVENESS TO INFLUENZA VACCINES	\$34,167
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$40,785
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI067716	ROLE OF IL-6 IN THE PATHOGENESIS OF YERSINIA ENTEROCOLITICA INFECTION	\$358,065
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067839	STRUCTURAL AND FUNCTIONAL STUDY OF INFLUENZA VIRUS HEMAGGLUTININ	\$307,000
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTRAX TOXIN	\$252,875
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI076406	The role of reactive oxygen species in mucosal innate immunity	\$315,727
2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI081995	Molecular basis for age-related thymic involution and rejuvenation	\$383,212
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI079154	Long Polar Fimbriae of Attaching and Effacing Escherichia coli	\$391,742
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI083761	REGULATION OF T CELL ACTIVATION AND TOLERANCE BY GRAIL	\$385,000
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI077613	SdiA regulation of EHEC virulence	\$399,950
2009	MICROGEN LLC	TX	R03AI081021	RAPID FISH DETECTION OF EBV-INFECTED CELLS	\$77,500
2009	BAYLOR COLLEGE OF MEDICINE	TX	R25AI084826	FOUNDATIONS FOR STUDENT SUCCESS: NATIONAL AFTER SCHOOL NETWORK	\$157,526
2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI073612	THE ROLE OF REGULATORY T CELLS IN M. TUBERCULOSIS INFECTION	\$171,875
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$339,750
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI036344	Surface Proteins of Moraxella catarrhalis	\$353,250

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2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI048417	MYCOBACTERIUM TUBERCULOSIS CELL DIVISION AND PROLIFERATION	\$337,219
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052372	IMMUNIZATION TO REDUCE GENITAL AND NEONATAL HERPES	\$204,012
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045764	IMMUNE POTENTIAL OF ANIMAL LACKING CLASS IA MOLECULES	\$333,563
2009	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI048496	IMPROVED BRUCELLA VACCINE STRAINS	\$346,491
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045896	LPS EFFLUX FROM HOST CELLS TO PLASMA LIPOPROTEINS	\$290,211
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$295,832
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI050123	DENGUE VIRUS DETERMINANTS OF VIRULENCE AND TRANSMISSION	\$489,629
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI034530	PATHOGENIC MECHANISMS OF SHIGA TOXINS	\$277,192
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$345,323
2009	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007471	RESEARCH TRAINING PROGRAM IN MOLECULAR VIROLOGY	\$220,874
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI070910	REGULATION OF MEMORY CD8 T CELL HOMEOSTASIS BY IL-15RA+	\$357,207
2009	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	F32AI072946	REGULATION OF IMMUNE RESPONSES BY INTERLEUKIN-23	\$53,584
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$380,631
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI076239	STRUCTURE/MECHANISM OF A PRION-REMODELING FACTOR	\$307,000
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI079857	ROLE OF THE MHV S PROTEIN FC RECEPTOR ACTIVITY IN IMMUNE EVASION IN THE CNS	\$73,250
2009	Rann Research Corporation	TX	R43AI081317	A BETTER & STABLE COLD HIGH-LEVEL DISINFECTANT FORMULATION FOR MEDICAL EQUIPMENTS	\$139,980
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI083827	MICRORNA PROFILING OF PEDIATRIC IMMUNODEFICIENCY PATIENTS	\$235,500
2009	BAYLOR COLLEGE OF MEDICINE	TX	R21AI080222	IDENTIFICATION OF NOVEL HIV-1 CO-FACTORS	\$230,250
2009	TEXAS A&M AGRILIFE RESEARCH	TX	K22AI073888	ORIGINS OF SPECIALIZED MUCOSAL LYMPHOCYTE SUBSETS AND IMMUNOGLOBULIN ISOTYPES	\$108,000
2009	SOUTHERN METHODIST UNIVERSITY	TX	R15AI082513	AUTOMATED ANALYSIS OF CELL CYCLE GENES IN TRYPANOSOMA BRUCEI	\$218,250
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI081485	TARGETING TRYPANOSOMA BRUCEI S-ADENOSYLMETHIONINE DECARBOXYLASE IN DRUG DISCOVERY	\$28,536
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI077746	ROLE OF MICRORNAS IN THE SV40 INFECTIOUS CYCLE	\$291,520

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$339,510
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R56AI072705	CONTROL OF CANDIDA ALBICANS FILAMENTOUS GROWTH AND VIRULENCE	\$297,000
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI054912	IMMUNE TOLERANCE MEDIATED BY NEGATIVE COSTIMULATORY MOLECULES	\$385,000
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067020	NUCLEOPHILIC ANTIBODIES: CHARACTERIZATION AND INDUCTION	\$450,717
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$314,000
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI072538	TESTING DNA VACCINE AGAINST T. CRUZI IN LARGE ANIMAL MODEL (DOGS)	\$75,500
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI018188	INTERACTIONS OF ENDOTOXIN WITH PLASMA AND CELLS	\$460,329
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI033331	NEF FUNCTION	\$408,490
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI057450	CHLAMYDIAL MANIPULATION OF HOST APOPTOSIS	\$312,913
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI042815	PROTECTION OF GENITAL MUCOSA AND GANGLIA AGAINST HSV-2	\$245,796
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI016692	MEMBRANE PROTEINS OF TREPONEMA PALLIDUM	\$504,192
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$490,203
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$483,964
2009	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI042075	T CELL SUBSETS IN MURINE MYCOPLASMA RESPIRATORY DISEASE	\$202,894
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI058086	HOST SPIROCHETE INTERACTIONS IN LYME DISEASE	\$346,491
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI063256	NRG1 REGULATED GENES IN CANDIDA ALBICANS PATHOGENICITY	\$269,572
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI074949	ROLES OF DENDRITIC CELLS IN IMMUNE REGULATION	\$331,088
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052428	PHYLOGENETIC APPROACH TO PLANT ALLERGY VACCINES	\$294,903
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI045196	GENETIC PATHWAYS CONTRIBUTING TO SLE PATHOGENESIS	\$459,990
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$571,594
2009	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$4,860,891
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$361,821

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054583	TULAREMIA AND THE HUMAN INNATE IMMUNE RESPONSE	\$351,137
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI060424	A NOVEL MAPK FAMILY IN T. GONDII	\$271,608
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	\$874,476
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$352,564
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$394,621
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI073389	EPIDEMIC CHIKUNGUNYA VIRUS: MOSQUITO INFECTION DETERMINANTS	\$185,164
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079497	PK-PD OF COMBINATION ANTITUBERCULOSIS THERAPY FOR SUPPRESSION OF DRUG-RESISTANCE	\$628,273
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI074809	RECEPTORS OF PLASMACYTOID DENDRITIC CELLS AND THEIR LIGANDS	\$377,685
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI071134	UNDERSTANDING IMMUNOMODULATION BY CANDIDA ALBICANS	\$187,500
2009	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI079747	STRATEGY FOR RESCUING PRIMARY THYMIC STROMAL FAILURE	\$211,500
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$222,197
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076849	CHARACTERIZATION OF CCR5-LIKE MOLECULES IN LEISHMANIA	\$226,500
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$587,481
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI072201	INFLAMMATORY RESPONSE AND SARS PATHOGENESIS: AN IN VITRO MODEL	\$222,197
2009	BAYLOR COLLEGE OF MEDICINE	TX	K22AI079165	CHARACTERIZATION OF HEME ACQUISITION IN BACILLUS ANTHRACIS	\$162,000
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI069249	PTPN4 FUNCTIONS IN LYMPHOCYTES	\$196,250
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI078420	Mechanisms of Mycobacterial Antigen Processing	\$463,509
2009	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI083646	Identification of Salmonella Genes Important for Systemic Colonization	\$418,284
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R00AI072961	ENTEROCOCCUS FAECIUM VIRULENCE: A MOLECULAR AND THERAPEUTIC APPROACH	\$249,000
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R56AI051333	ENVIRONMENTAL MODULATION OF TOXT-DEPENDENT TRANSCRIPTION	\$289,000
2009	TEXAS TECH UNIVERSITY	TX	R56AI081781	IDENTIFICATION OF A PARASITE-SPECIFIC, LIPID-METABOLIC PATHWAY ESSENTIAL FOR LEIS	\$339,112

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$347,029
2009	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$353,750
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	\$383,976
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	T32AI007271	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$92,015
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI059718	IPC DEVELOPMENTAL PATHWAYS AND REGULATION	\$351,137
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI065796	STUDIES OF GERMINAL CENTER B CELL SURVIVAL	\$348,812
2009	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI048071	MAPPING DRUG RESISTANCE GENES IN PLASMODIUM FALCIPARUM	\$447,748
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$422,557
2009	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$508,635
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$251,711
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	F31AI061836	EXPRESSION OF MTB AND HOST GENES IN EARLY TUBERCULOSIS	\$30,726
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$341,368
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067947	VIRAL DETERMINANTS OF HANTAVIRUS PULMONARY DISEASE IN THE HAMSTER	\$330,068
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R37AI036682	ANERGY, APOPTOSIS AND CD28 IN CD8+ T CELLS DURING AIDS	\$351,138
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI031431	EHRlichia CHAFFEENSIS PROTECTIVE PROTEINS	\$351,137
2009	BAYLOR RESEARCH INSTITUTE	TX	R01AI068842	ALTERED CD8+ T CELL COMPARTMENT IN SLE PATIENTS	\$363,160
2009	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$366,733
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$342,085
2009	GENOMICS USA INC	TX	R44AI060166	HLA CHIP PRODUCT FOR FDA 510K APPROVAL	\$818,088
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI078740	A MODEL TO DEVELOP PEPTOID-BASED VACCINES	\$28,812
2009	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI074497	TARGETING THE NS1 PROTEIN FOR THE DEVELOPMENT OF INFLUENZA VIRUS ANTIVIRALS	\$980,151
2009	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI078159	SMALL RNAS REGULATING GROUP A STREPTOCOCCUS VIRULENCE	\$187,500

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2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI078104	REGULATION OF ETHANOLAMINE UTILIZATION IN E. FAECALIS BY AN ATYPICAL RIBOSWITCH	\$184,812
2009	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI076365	GENE EXPRESSION BY MORAXELLA CATARRHALIS IN VIVO	\$108,000
2009	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI070655	MOLECULAR COMPOSITION AND FUNCTION OF TRYPANOSOMA CRUZI SHED VESICLES	\$284,019
2009	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI076747	EXPLORING THE MECHANISMS OF 53BP1-DRIVEN IMMUNE DEFICIENCY AND DNA REPAIR	\$186,145
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI068774	FRANCISCELLA TULARENSIS: CHARACTERIZING LUNG INNATE IMMUNITY	\$222,197
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066160	ELUCIDATING THE MECHANISM OF NOVEL DENGUE ANTIVIRALS	\$185,164
2009	BAYLOR COLLEGE OF MEDICINE	TX	R01AI077536	TRANSCRIPTIONAL REGULATION OF DEVELOPMENT AND MAINTENANCE OF MEMORY T LYMPHOCYTES	\$383,750
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI078972	MECHANISM OF PSRP MEDIATED ADHESION	\$278,271
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$377,500
2009	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI081058	INTRAHEPATIC IRF-3 AND NF-KB SIGNALING AND INTERFERON RESPONSES IN HEPATITIS C	\$188,750
2009	GENOMICS USA INC	TX	R43AI081614	A LOW COST MICROARRAY FOR POPULATION-SCALE AIDS RISK ANALYSIS: THE AIDS CHIP	\$300,000
2009	RICE UNIVERSITY	TX	R01AI080714	Defining Evolutionary Trajectories: Molecular adaptation to antibiotic resistance	\$293,576
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$1,777,037
2009	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI084795	RNAi manipulations of DC to enhance HIV immunogenicity	\$385,780
2009	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R56AI077679	TRANSLATIONAL REGULATION IN BRONCHIAL EPITHELIAL CELLS	\$375,000
2009	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$519,462
2009	UNIVERSITY OF UTAH	UT	R01AI080734	HCV GENOTYPE 6: A MODEL FOR HCV GENETICS AND MOLECULAR EPIDEMIOLOGY STUDIES	\$376,250
2009	BRIGHAM YOUNG UNIVERSITY	UT	R21AI081221	DETERMINE THE THREE-DIMENSIONAL STRUCTURE OF ICOSAHEDRAL VIRUS GENOMES	\$186,500
2009	UNIVERSITY OF UTAH	UT	R01AI047347	REGULATION OF HUMAN T-CELL IMMUNITY TO HCV ANTIGENS	\$468,931
2009	UNIVERSITY OF UTAH	UT	U01AI057565	HYPERPHENYLALANINEMIA IN CEREBRAL MALARIA	\$405,337

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2009	INTEGRATECH PROTEOMICS INC	UT	R43AI084610	TECHNOLOGY FOR ISOLATION OF INTEGRASE INHIBITORS FOR THERAPEUTICS AGAINST HUMAN I	\$299,294
2009	BIOFIRE DIAGNOSTICS INC	UT	U01AI082482	STI AND RESPIRATORY PATHOGEN TESTING IN NONTRADITIONAL SETTINGS	\$823,496
2009	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$338,625
2009	ECHELON BIOSCIENCES INC	UT	R43AI078554	METHYLERYTHRITOL PHOSPHATE PATHWAY-SPECIFIC NATURAL PRODUCTS AS ANTIBACTERIALS	\$300,000
2009	UNIVERSITY OF UTAH	UT	R01AI030554	REGULATION OF ANTIGEN PROCESSING	\$347,649
2009	UNIVERSITY OF UTAH	UT	K23AI079401	RAPID MOLECULAR TESTING FOR NEONATAL ANTIBIOTIC-RESISTANT PATHOGENS	\$137,160
2009	UNIVERSITY OF UTAH	UT	R21AI078240	NANOPOROUS GOLD: EXTRACTIVE SUBSTRATE FOR HIGH-SPEED ULTRASENSITIVE BIOASSAYS	\$235,591
2009	BIOFIRE DIAGNOSTICS INC	UT	R43AI082843	CHARACTERIZATION OF RESPIRATORY PATHOGENS IN TRANSPLANT PATIENTS	\$126,975
2009	UNIVERSITY OF UTAH	UT	R01AI074825	DNA PACKAGING AND DELIVERY BY DSDNA VIRUSES	\$376,250
2009	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$377,031
2009	UNIVERSITY OF UTAH	UT	R01AI049057	INDUCTION OF APOPTOSIS BY HIV-1 VPR	\$320,414
2009	UNIVERSITY OF UTAH	UT	R01AI076652	CLONING MAJOR GENES FOR LETHAL GVHD IN MICE	\$301,000
2009	BIOFIRE DIAGNOSTICS INC	UT	U01AI074419	HT-FILM-ARRAY: A SYSTEM TO ASSESS RESPIRATORY VIRUSES WITH EMPHASIS ON INFLUENZA	\$1,697,579
2009	BRIGHAM YOUNG UNIVERSITY	UT	U01AI082209	DEVELOPMENT OF NOVEL ANTIMICROBIAL PEPTIDE MIMICS	\$536,344
2009	UNIVERSITY OF UTAH	UT	R21AI079364	TMEM103 IN EOSINOPHIL DEVELOPMENT	\$188,125
2009	UNIVERSITY OF UTAH	UT	R37AI033614	IMMUNITY TO INSULIN	\$356,016
2009	ECHELON BIOSCIENCES INC	UT	R43AI077220	METHYLERYTHRITOL PHOSPHATE PATHWAY INHIBITORS TARGETING GRAM-NEGATIVE INFECTIONS	\$299,834
2009	UNIVERSITY OF UTAH	UT	R21AI081051	DEVELOPMENT OF CROSS PROTECTIVE H5 HEMAGGLUTININ ANTIGENS	\$225,750
2009	BRIGHAM YOUNG UNIVERSITY	UT	R15AI082504	MODULATION OF TWO-COMPONENT SIGNALING IN ALPHAPROTEOBACTERIA	\$225,000
2009	UNIVERSITY OF UTAH	UT	R21AI071971	BIORESPONSIVE COMBINATION MICROBICIDE DELIVERY SYSTEM FOR HIV AND HSV	\$187,760
2009	UNIVERSITY OF UTAH	UT	R01AI024158	REGULATION OF CR2/CD21 EXPRESSION AND ACTIVATION	\$329,984
2009	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$301,000

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2009	BIOFIRE DIAGNOSTICS INC	UT	U01AI082184	FILMARRAY BIOTHREAT PATHOGENS: AN AUTOMATED MULTIPLEX PCR DIAGNOSTIC SYSTEM	\$1,392,447
2009	WASATCH MICROFLUIDICS LLC	UT	R43AI083117	HIGHLY PARALLEL AIDS ASSAYS USING A MICROFLUIDIC FLOW CELL ARRAY INTEGRATED WITH	\$100,000
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$317,000
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI019146	ACTIVATION OF ALGINATE GENES IN PSEUDOMONAS AERUGINOSA	\$323,161
2009	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI060038	CNS PATHOLOGY AFTER HSV INFECTION IS IMMUNE CELL-MEDIATED	\$341,728
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI072773	TRANSDUCTION OF SCHISTOSOMA MANSONI BY PSEUDOTYPED RETROVIRUS	\$521,824
2009	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$128,817
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI073615	ABILITY OF CMV VACCINES TO INDUCE ANTIBODIES THAT BLOCK ENDOCYTIC ENTRY	\$182,133
2009	UNIVERSITY OF VIRGINIA	VA	R21AI081616	FUNCTIONAL HIV ENVELOPE TRIMER AS A PROPHYLACTIC HIV/AIDS VACCINE CANDIDATE	\$204,975
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI067746	DEVELOPMENT OF A POLYVALENT CHIMERIC VACCINE FOR LYME DISEASE	\$344,325
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI074729	COMPARATIVE GENOMICS OF THE 2LA INVERSION BREAKPOINTS IN ANOPHELES GAMBIAE	\$153,215
2009	TECHLAB, INC	VA	R42AI077171	MULTIPLEX SCREENING ELISA FOR GIARDIA, CRYPTOSPORIDIUM AND E. HISTOLYTICA	\$746,325
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$496,602
2009	COLLEGE OF WILLIAM & MARY	VA	R15AI053062	EVOLUTION OF A BACTERIAL GENOME ENCODING INCREASED VIRULENCE: THE GENOMICS OF HEL	\$208,613
2009	COLLEGE OF WILLIAM & MARY	VA	R15AI070249	FUNCTION OF PAX5 ISOFORMS DURING B CELL DEVELOPMENT AND ACTIVATION	\$211,600
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047841	STREPTOCOCCAL VIRULENCE FACTORS IN EXTRA-ORAL DISEASE	\$203,943
2009	UNIVERSITY OF VIRGINIA	VA	R01AI052196	IMMUNE RESPONSE TO CAT: REGULATORY AND EFFECTOR T CELLS	\$378,750
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI064414	THE NOVEL ROLE AND REGULATION OF IRAK IN INNATE IMMUNITY	\$346,650
2009	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$249,473
2009	GEORGE WASHINGTON UNIVERSITY	VA	U01AI065871	PATHOGENESIS OF LIVER FLUKE INDUCED CANCER IN THAILAND	\$881,755

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2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	T32AI007617	TRAINING IN MOLECULAR PATHOGENESIS OF MICROBIAL DISEASES	\$190,280
2009	TECHLAB, INC	VA	R42AI058450	NEW RAPID DIAGNOSTIC TESTS FOR AMEBIASIS	\$1,000,000
2009	UNIVERSITY OF VIRGINIA	VA	R01AI057591	ALTERATION OF INNATE IMMUNITY BY HCV CORE	\$282,315
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F31AI073209	INHIBITION OF HCMV GENOME MATURATION BY THE HALOGENATED BENZIMIDAZOLE, BDCRB	\$32,525
2009	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R03AI074800	REGULATION AND FUNCTION OF THE HCMV PP71 TEGUMENT PROTEIN	\$74,345
2009	INNOVATIVE BIOLOGICS INC	VA	R44AI074105	SMALL MOLECULE INHIBITORS OF C. PERFRINGENS EPSILON-TOXIN	\$353,519
2009	PHTHISIS DIAGNOSTIC LLC	VA	R42AI069598	REAL-TIME PCR DIAGNOSTIC KIT FOR GIARDIA AND CRYPTOSPORIDIUM	\$405,066
2009	UNIVERSITY OF VIRGINIA	VA	R01AI079621	T CELL EPITOPE MIMICRY FOR AUTOIMMUNE RESPONSES IN SLE	\$550,061
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$362,093
2009	UNIVERSITY OF VIRGINIA	VA	R01AI022470	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION PROTEINS	\$353,378
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047141	A MOLECULAR STUDY OF THE GONOCOCCAL TRANSFERRIN RECEPTOR	\$344,745
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI059280	ROLE OF HOOKWORM SECRETIONS IN HOST IMMUNOMODULATION	\$415,375
2009	UNIVERSITY OF VIRGINIA	VA	K08AI065461	THE EFFECTS OF A2A ADENOSINE RECEPTOR AGONISTS IN SEPSIS	\$122,283
2009	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$359,359
2009	UNIVERSITY OF VIRGINIA	VA	R01AI068112	LIVE ATTENUATED RECOMBINANT BACTERIAL DELIVERY OF POLYSACCHARIDE VACCINE ANTIGENS	\$358,902
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI079350	POPULATION CYTOGENETICS OF ANOPHELES MOUCHETI AND ANOPHELES NILI	\$219,725
2009	UNIVERSITY OF VIRGINIA	VA	R21AI072469	INNATE IMMUNE RECOGNITION OF B. ANTHRACIS	\$189,375
2009	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K25AI067791	SPATIALLY-EXPLICIT MATHEMATICAL MODEL OF HUMAN MONOCYTIC EHRLICHIOSIS	\$118,308
2009	UNIVERSITY OF VIRGINIA	VA	R21AI080411	THERAPEUTIC ANTISENSE RNA AND THE HIV REV-RRE PATHWAY	\$265,125
2009	GEORGE MASON UNIVERSITY	VA	R01AI081568	REGULATION OF COFILIN IN HIV-1 INFECTION OF HUMAN CD4 T CELLS	\$311,819
2009	UNIVERSITY OF VIRGINIA	VA	T32AI078875	Surgical Infectious Diseses and Transplantation Training Grant	\$112,065
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI082581	Development of vector-specific, resistance-breaking insecticides to reduce malari	\$730,811

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2009	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$360,779
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$311,416
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI027517	CHARACTERIZATION OF DIFFERENT TYPES OF HUMAN MAST CELLS	\$319,343
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte Fcε Receptor	\$250,045
2009	UNIVERSITY OF VIRGINIA	VA	R01AI051420	ANTIBODY INDUCED T CELL-MEDIATED NEONATAL AUTOIMMUNITY.	\$378,750
2009	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$714,786
2009	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$638,012
2009	UNIVERSITY OF VIRGINIA	VA	U01AI075520	NITROTHIAZOLIDES:BROAD-SPECTRUM CATEGORY B ANTI-PARASITIC/BACTERIAL THERAPEUTICS	\$515,492
2009	UNIVERSITY OF VIRGINIA	VA	R01AI066058	LEGIONELLA PNEUMOPHILA DEVELOPMENTAL CYCLE & VIRULENCE	\$370,120
2009	JAMES MADISON UNIVERSITY	VA	R15AI057382	BORDETELLA PATHOGENESIS: AN UNDERGRADUATE RESEARCH TOOL	\$6,432
2009	UNIVERSITY OF VIRGINIA	VA	R01AI071373	MOUSE STRAIN DEPENDENT INNATE RESISTANCE TO INTESTINAL AMEBIASIS	\$360,779
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059710	SIGNALING IN CELLS CHRONICALLY EXPOSED TO INTERFERONS	\$271,191
2009	UNIVERSITY OF VIRGINIA	VA	R21AI079906	CD103+ DENDRITIC CELLS AND REGULATORY T CELLS IN FOOD ALLERGY	\$189,375
2009	UNIVERSITY OF VIRGINIA	VA	U01AI070384	COOPERATIVE RESEARCH PARTNERSHIP FOR AN AMEBIC COLITIS VACCINE	\$806,552
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI068892	POST-TRANSCRIPTIONAL REGULATION OF BIOFILM FORMATION S. AUREUS	\$286,879
2009	UNIVERSITY OF VIRGINIA	VA	K23AI074681	EVALUATION OF C. DIFFICILE SEVERITY IN EPIDEMIOLOGIC STUDIES & IN ANIMAL MODELS	\$128,817
2009	UNIVERSITY OF VIRGINIA	VA	F32AI072818	THE ROLE OF LYMPHOID ENVIRONMENTS IN GUIDING T CELL MIGRATION	\$51,710
2009	UNIVERSITY OF VIRGINIA	VA	K08AI081900	BORDETELLA ADENYLATE CYCLASE TOXIN: THE ROLE OF CELL INTERACTION IN TOXIN FUNCTIO	\$129,789
2009	UNIVERSITY OF VIRGINIA	VA	R21AI072679	ROLE OF BURKHOLDERIA CENOCEPACIA ADHESIN, ADHA, IN CYSTIC FIBROSIS INFECTIONS	\$199,497

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$385,678
2009	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$368,686
2009	UNIVERSITY OF VIRGINIA	VA	R01AI041644	ASSEMBLY OF THE HERPES SIMPLEX VIRUS CAPSID	\$301,083
2009	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$405,911
2009	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$639,475
2009	UNIVERSITY OF VIRGINIA	VA	R37AI030557	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION	\$412,889
2009	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$253,439
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	K23AI065963	CYTOMEGALOVIRUS TRANSMISSION IN PREGNANT WOMEN	\$133,110
2009	UNIVERSITY OF VIRGINIA	VA	R01AI048672	ROLE OF SHP-1 IN T CELL ACTIVATION AND DEVELOPMENT	\$425,476
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI067254	CONTRIBUTION OF CYCLOPHILINS TO LEUKOCYTE RECRUITMENT IN LUNG INFLAMMATION	\$327,916
2009	GEORGE WASHINGTON UNIVERSITY	VA	U01AI069503	CPCRA CLINICAL TRIALS UNIT	\$4,349,818
2009	UNIVERSITY OF VIRGINIA	VA	R01AI059294	C-MYB IN B CELL DEVELOPMENT AND FUNCTION	\$353,251
2009	UNIVERSITY OF VIRGINIA	VA	R01AI067823	IRON UPTAKE MECHANISMS OF FRANCISELLA TULARENSIS	\$397,398
2009	LUNA INNOVATIONS INC	VA	R44AI066612	DEVELOPMENT OF RSK INHIBITORS AS NOVEL THERAPEUTICS FOR YERSINIA PESTIS	\$497,899
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI069293	ROLE OF INSULIN-LIKE SIGNALING IN THE HOOKWORM INFECTIVE PROCESS	\$383,816
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI081023	CHROMOSOMAL PHYLOGENY OF THE ANOPHELES GAMBIAE COMPLEX	\$218,036
2009	GATACA LLC	VA	R43AI084307	INTEGRATED DESKTOP SOFTWARE FOR MANAGEMENT OF HEPATITIC C DATA	\$149,950
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	UH2AI083263	THE VAGINAL MICROBIOME: DISEASE, GENETICS AND THE ENVIRONMENT	\$1,040,524
2009	UNIVERSITY OF VIRGINIA	VA	R01AI033993	Processed Antigen Characterization by Mass Spectrometry	\$737,483
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI073576	ELIMINATION OF TOXOPLASMA GONDII CYSTS BY T CELLS	\$0
2009	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$360,779
2009	AMERICAN TYPE CULTURE COLLECTION	VA	R03AI079475	DEVELOPMENT OF A CONTINUOUS INVITRO CULTURE SYSTEM FOR PLASMODIUM VIVAX	\$67,080
2009	AMRON CORPORATION	VA	R44AI069607	RANDOM HAND HYGIENE PROMPTS	\$374,040

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2009	INNOVATIVE BIOLOGICS INC	VA	R43AI082749	IN VIVO TESTING OF S. AUREUS ALPHA-HEMOLYSIN INHIBITORS	\$300,000
2009	UNIVERSITY OF VIRGINIA	VA	U19AI083024	IMMUNE REGULATION OF VIRUS CLEARANCE AND TISSUE INJURY AT SITES OF INFECTION	\$1,557,191
2009	INNOVATIVE BIOLOGICS INC	VA	R44AI052894	SMALL MOLECULE BLOCKERS OF B. ANTHRACIS TOXIN	\$1,015,953
2009	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN- γ with mast cells and eosinophils i	\$360,779
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in Fc ϵ RI-mediated allergic responses	\$305,684
2009	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$358,098
2009	UNIVERSITY OF VIRGINIA	VA	R01AI012464	STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	\$430,904
2009	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$65,710
2009	GEORGE WASHINGTON UNIVERSITY	VA	R01AI071778	DENDRITIC CELL RESPONSE TO MICROSPORIDIANS	\$493,279
2009	UNIVERSITY OF VIRGINIA	VA	U19AI070364	ASTHMA AND ALLERGIC DISEASE CENTER	\$1,000,636
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$1,407,706
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$431,079
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI074461	ANIBAMINE, A NOVEL CCR5 ANTAGONIST AS ANTI-HIV LEAD COMPOUND	\$230,243
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077638	ROLES OF TWO AMINOPEPTIDASES IN PEPTIDE CATABOLISM IN THE MALARIA PARASITE	\$260,972
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$390,965
2009	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$362,472
2009	UNIVERSITY OF VIRGINIA	VA	U01AI070491	ADENOSINE RECEPTOR AGONISTS AS AN IMMUNOTHERAPY FOR BIODEFENSE	\$1,094,420
2009	UNIVERSITY OF VIRGINIA	VA	K08AI072470	IMMUNE RESPONSES AND GENETIC POLYMORPHISMS IN ENTAMOEBAS HISTOLYTICA INFECTION	\$122,283
2009	RADIATION RESEARCH SOCIETY	VA	R13AI080056	MEETING OF RADIATION RESEARCH SOCIETY	\$9,142
2009	UNIVERSITY OF VIRGINIA	VA	R01AI068836	AUTOIMMUNE VITILIGO AND TOLERANCE IN THE IMMUNE RESPONSE TO A MELANOMA ANTIGEN	\$575,287
2009	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI078091	TRANSLATIONAL REGULATION OF MOSQUITO MRNAS DURING PLASMODIUM INFECTION	\$226,635
2009	FERRUM COLLEGE	VA	R15AI084058	AREA: ELUCIDATING CAMP SIGNALING IN MYCOBACTERIUM SMEGMATIS	\$137,800

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2009	INDOOR BIOTECHNOLOGIES INC	VA	R01AI077653	Antigenic determinants of asthma-associated allergens for design of immunotherapy.	\$351,750
2009	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI035705	STAPHYLOCOCCAL METHICILLIN RESISTANCE LOCUS	\$423,920
2009	UNIVERSITY OF VERMONT	VT	R01AI041747	AUTOIMMUNE DISEASE AND NEONATAL TOLERANCE	\$277,004
2009	UNIVERSITY OF VERMONT	VT	R01AI072021	MOLECULAR MECHANISM OF ENTAMOEBAS HISTOLYTICA PHAGOCYTOSIS	\$301,000
2009	BIOMOSIACS	VT	U01AI082081	Broad-Spectrum Antimicrobials Targeting the D-Alanine Pathway	\$1,151,358
2009	UNIVERSITY OF VERMONT	VT	R21AI081000	LENTIVIRAL EXPRESSION OF MHC II ANTIGENS AT THE MATERNAL-FETAL INTERFACE	\$225,750
2009	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$69,428
2009	UNIVERSITY OF VERMONT	VT	R01AI063276	FUNCTIONAL STUDIES OF TOXOPLASMA GONDII AMA1 AND AMA2	\$353,462
2009	UNIVERSITY OF VERMONT	VT	R21AI079712	A CASPASE-8 SUBSTRATE IN T CELL ACTIVATION	\$188,125
2009	UNIVERSITY OF VERMONT	VT	R01AI036333	FAS REGULATES T CELL DEVELOPMENT/FUNCTION IN LPR MICE	\$481,247
2009	UNIVERSITY OF VERMONT	VT	R01AI044186	HAIRPIN RIBOZYME: FOLDING, STRUCTURE AND MECHANISM	\$510,655
2009	UNIVERSITY OF VERMONT	VT	R01AI051454	GSK3B in TCR repertoire and immune diseases	\$188,125
2009	UNIVERSITY OF VERMONT	VT	R01AI080302	MOLECULAR REGULATION OF HIV-1 ASSEMBLY, RELEASE AND CELL-TO-CELL TRANSMISSION	\$376,250
2009	UNIVERSITY OF VERMONT	VT	R01AI067897	CD1D-RESTRICTED T CELLS AND PREGNANCY LOSS	\$372,780
2009	UNIVERSITY OF WASHINGTON	WA	K08AI067910	TOLL-LIKE RECEPTOR ANTAGONISM AS A POTENTIAL TREATMENT FOR PRETERM LABOR	\$126,306
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$421,585
2009	INBIOS INTERNATIONAL, INC	WA	R44AI052683	GEOGRAPHICALLY ROBUST RAPID ASSAY FOR T. CRUZI INFECTION	\$530,883
2009	UNIVERSITY OF WASHINGTON	WA	R01AI068107	A COMMUNITY-LEVEL RCT OF EXPEDITED PARTNER TREATMENT FOR GONORRHEA AND CHLAMYDIA	\$596,331
2009	WASHINGTON STATE UNIVERSITY	WA	K02AI073101	LENTIVIRUS CONTROL BY CTL AND NEUTRALIZING ANTIBODY	\$142,020
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053709	NEW INFECTION-RELATED PROTEINS OF PLASMODIUM SPOROZOITES AND LIVER STAGES	\$385,600
2009	UNIVERSITY OF WASHINGTON	WA	U01AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,135,374
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	VA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$435,793

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2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI058723	RESERVOIRS OF DRUG-RESISTANT HIV-1	\$344,481
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$221,499
2009	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$681,809
2009	UNIVERSITY OF WASHINGTON	WA	K08AI067138	DETERMINANTS OF HOST ADAPTATION IN A MACACA NEMESTRINA-ADAPTED HIV-2 ISOLATE	\$3,467
2009	UNIVERSITY OF WASHINGTON	WA	R01AI064515	SPYA, A NOVEL S. PYOGENES ADP-RIBOSYLTRANSFERASE	\$291,740
2009	UNIVERSITY OF WASHINGTON	WA	K23AI069990	GENITAL HIV-1 SHEDDING AMONG WOMEN STARTING SECOND-LINE ANTIRETROVIRAL THERAPY	\$126,440
2009	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI052286	RECOGNITION OF BACTERIAL FLAGELLIN BY MACROPHAGES	\$441,450
2009	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$434,693
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068615	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; MICROBICIDE TRIALS NETWORK	\$3,337,030
2009	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI025032	LPS Regulation of Macrophage Function	\$651,883
2009	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	U01AI078054	DEVELOPMENT AND MANUFACTURE OF ADJUVANTS FOR VACCINES TARGETING MDR TUBERCULOSIS	\$1,491,583
2009	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI080502	RAPID ASSAY FOR INTERNALIZED RADIONUCLIDES WITH ADVANCED MATERIALS AND METHODS	\$517,058
2009	UNIVERSITY OF WASHINGTON	WA	K01AI079270	HPV INFECTIONS IN OLDER WOMEN	\$118,812
2009	PROTEIN ADVANCES INC	WA	R43AI082800	DEVELOPING A NEW RAPID TEST FOR HUMAN AFRICAN TRYPANOSOMIASIS	\$153,580
2009	WASHINGTON STATE UNIVERSITY	WA	R15AI082403	AHR-MEDIATED ENHANCEMENT OF THE EARLY INNATE IMMUNE RESPONSE TO S. PNEUMONIAE	\$224,250
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI075641	TRYPANOSOME DRUG DEVELOPMENT CONSORTIUM	\$425,470
2009	UNIVERSITY OF WASHINGTON	WA	R01AI077628	The pel exopolysaccharide gene cluster of Pseudomonas aeruginosa	\$333,135
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI079734	SHWACHMAN-DIAMOND SYNDROME INTERNATIONAL REGISTRY AND REPOSITORY	\$88,000
2009	ETUBICS CORPORATION	WA	R44AI071733	DEVELOPMENT OF AN AD5 (E1-, E2B-) HIV-1 VACCINE FOR USE IN AD5 IMMUNIZED VACCINEE	\$1,070,762
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI081546	THE ROLE OF ADCC IN MOTHER TO INFANT HIV TRANSMISSION	\$129,870
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI082186	Accelerated molecular probe pipeline	\$1,079,340

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2009	UNIVERSITY OF WASHINGTON	WA	R01AI080625	GLYCOGEN SYNTHASE KINASE-3 AS A DRUG TARGET FOR TRYPANOSOMA BRUCEI	\$390,000
2009	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$723,103
2009	UNIVERSITY OF WASHINGTON	WA	R21AI081347	PERSONALITY, STRESS, AND HSV-1 INFECTION: A TWIN STUDY	\$125,563
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R56AI084457	LENTIVIRAL GENE THERAPY OF X-LINKED AGAMMAGLOBULINEMIA	\$398,458
2009	UNIVERSITY OF WASHINGTON	WA	F32AI073027	QUORUM SENSING IN BURKHOLDERIA MALLEI	\$50,054
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054280	TOOLS FOR TESTING HIV IMMUNE-CONTROL AND VACCINE MODELS	\$169,713
2009	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$437,286
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI052319	T CELL MODULATION BY NKG2D	\$440,000
2009	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI044373	HUMAN T CELL ANTIGENS OF MYCOBACTERIUM TUBERCULOSIS	\$483,474
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI068424	DEFINING IMMUNE DEFICITS IN HIV-1 INFECTED WOMEN	\$123,660
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069481	SEATTLE VACCINE TRIALS UNIT	\$511,498
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$671,389
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI065935	T. BRUCEI MITOCHONDRIAL PROTEOME	\$834,563
2009	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$334,345
2009	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$362,052
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI070749	EUKARYOTIC-TYPE SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$407,561
2009	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$383,174
2009	UNIVERSITY OF WASHINGTON	WA	K08AI073739	PROGESTERONE & ESTROGEN DIFFERENTIALLY REGULATE DC FUNCTION IN LUPUS AUTOIMMUNITY	\$122,040
2009	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI077357	PERSISTENT HIV-1 REPLICATION IN THE RESPIRATORY TRACT DESPITE ART	\$129,465
2009	MICRONICS INC	WA	R44AI078851	RAPID POINT OF CARE HIV PCR DIAGNOSTIC DEVICE	\$389,878
2009	UNIVERSITY OF WASHINGTON	WA	K08AI080952	THE ROLE OF NOD1 AND NOD2 IN THE PATHOGENESIS OF LEGIONELLA PNEUMOPHILA PNEUMONI	\$130,680
2009	KINETA INC	WA	R43AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$285,415

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2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI081235	A MOLECULAR TOOLBOX FOR HYPOTHESIS TESTING IN THE DERMATOPHYTES	\$241,000
2009	UNIVERSITY OF WASHINGTON	WA	R21AI079778	MOLECULAR MECHANISMS OF MYELOKATHEXIS	\$195,000
2009	UNIVERSITY OF WASHINGTON	WA	F32AI081455	DENDRITIC CELL-DEPENDENT ACTIVATION OF B CELLS DURING IMMUNE RESPONSES	\$49,646
2009	THE GENEVA FOUNDATION	WA	U01AI082051	SECOND GENERATION SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXINS	\$935,121
2009	THE GENEVA FOUNDATION	WA	U01AI082069	ASSESSMENT OF THE IMMUNOGENICITY AND PROTECTIVE EFFICACY OF A MULTIAGENT DNA VACC	\$375,089
2009	UNIVERSITY OF WASHINGTON	WA	R01AI076170	GLYCAN MODIFICATION, CD4 INDEPENDENCE, AND ENV IMMUNOGENICITY	\$731,320
2009	UNIVERSITY OF WASHINGTON	WA	R01AI039557	NITRIC OXIDE CYTOTOXICITY IN SALMONELLOSIS	\$430,898
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI041721	PREGNANCY, MICROCHIMERISM, AND AUTOIMMUNE DISEASE	\$434,634
2009	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$633,450
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI044259	TSLP RECEPTOR IN THE REGULATION OF CELL DEVELOPMENT	\$298,299
2009	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$411,356
2009	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI063509	PSEUDOMONAS AERUGINOSA OUTER MEMBRANE PROTEIN MODELING	\$332,837
2009	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$640,799
2009	UNIVERSITY OF WASHINGTON	WA	P01AI042380	GENETIC CONTROL OF BB RAT AUTOIMMUNITY	\$969,730
2009	WASHINGTON STATE UNIVERSITY	WA	R01AI053692	IMMUNOGENICITY OF THE TYPE IV SECRETIN SYSTEM	\$373,750
2009	UNIVERSITY OF WASHINGTON	WA	R01AI044130	IMMUNOREGULATION OF MURINE CD8+ T CELLS	\$286,694
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$750,287
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054165	STATISTICAL METHODS IN HIV VACCINE EFFICACY TRIALS	\$229,738
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068618	HVTN LABORATORY PROGRAM	\$20,409,370
2009	UNIVERSITY OF WASHINGTON	WA	R01AI077390	pH Responsive anti-HIV Nanoparticles	\$397,744
2009	UNIVERSITY OF WASHINGTON	WA	R56AI061061	MOLECULAR CHARACTERIZATION OF T-BET'S ROLE IN IMMUNITY	\$351,000
2009	UNIVERSITY OF WASHINGTON	WA	R01AI048389	THE ROLE OF CELLULAR FACTORS IN THE HIV-1 CAPSID ASSEMBLY PATHWAY	\$340,128
2009	UNIVERSITY OF WASHINGTON	WA	R01AI043060	CHLAMYDIA PNEUMONIAE ANTIGENS OF BILOGICAL SIGNIFICANCE	\$390,000

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2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI057592	IMMUNE RESPONSE TO P. VIVAX IN DUFFY (-) HUMANS	\$429,615
2009	UNIVERSITY OF WASHINGTON	WA	R01AI038383	ACQUISITION AND NATURAL HISTORY OF GENITAL HPV INFECTION	\$579,368
2009	UNIVERSITY OF WASHINGTON	WA	R01AI066209	VIRAL HOST INTERACTIONS IN HEPATITIS C	\$417,803
2009	UNIVERSITY OF WASHINGTON	WA	R01AI054503	HOST-RESPONSES TO MYCOBACTERIUM INFECTION IN ZEBRAFISH	\$377,636
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI042528	CYTOTOXIC T-CELL RESPONSES TO HSV: HIV-INFECTED PERSONS	\$446,416
2009	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$351,000
2009	UNIVERSITY OF WASHINGTON	WA	K23AI065243	PRIMARY HIV INFECTION: THE PUBLIC HEALTH PERSPECTIVE	\$125,772
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030581	CELL-STRESS INDUCED IMMUNE RESPONSES	\$648,112
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$784,438
2009	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$159,411
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI065664	PREVENTING PREGNANCY MALARIA: MATERNAL-INFANT OUTCOMES	\$1
2009	UNIVERSITY OF WASHINGTON	WA	U19AI031448	UNIVERSITY OF WASHINGTON STI-TM COOPERATIVE RESEARCH CENTER	\$518,330
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI075280	EXPLORING THE EXPORTOME OF MALARIA LIVER STAGES	\$286,500
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI079951	THE ROLE OF THE CYTOKINE TSLP IN FOOD ALLERGY	\$228,750
2009	MICRONICS INC	WA	R43AI084851	POC MOLECULAR METHOD FOR DETECTION OF KNOWN AND EMERGING RESPIRATORY VIRUSES.	\$444,080
2009	UNIVERSITY OF WASHINGTON	WA	R21AI078495	UNDERMINING AMINOGLYCOSIDE RESISTANCE IN PSEUDOMONAS AERUGINOSA	\$189,818
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R56AI082603	IMMUNOGEN DESIGN TO ENHANCE THE EFFICACY OF PLASMODIUM VIVAX VACCINE	\$811,175
2009	UNIVERSITY OF WASHINGTON	WA	K08AI076604	TLR 1 VARIATION AND THE IMMUNE RESPONSE TO MYCOBACTERIUM TUBERCULOSIS	\$130,680
2009	UNIVERSITY OF WASHINGTON	WA	R01AI084803	DESIGN AND FUNCTION OF FLAGELLIN-BASED IMMUNOGENS FOR BROADLY NEUTRALIZING IMMUNI	\$569,502
2009	UNIVERSITY OF WASHINGTON	WA	R01AI076327	T regulatory cells and immunity in tuberculosis	\$373,200
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI080326	DEVELOPMENT OF NOVEL AIDS GENE THERAPY STRATEGIES IN THE MACAQUE SHIV MODEL	\$557,902
2009	UNIVERSITY OF WASHINGTON	WA	R01AI080609	Type VI secretion effectors and interbacterial competition in vivo	\$369,935

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF WASHINGTON	WA	F31AI083042	INNATE/ADAPTIVE IMMUNE RESPONSE TO SALMONELLA TYPHIMURIUM	\$32,436
2009	UNIVERSITY OF WASHINGTON	WA	R56AI084004	STRUCTURES AND SELECTIVE INHIBITION OF TRNA SYNTHETASES FROM PATHOGENIC PROTOZOA	\$732,001
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071163	LENTIVIRAL GENE THERAPY FOR WISKOTT-ALDRICH SYNDROME	\$993,911
2009	UNIVERSITY OF WASHINGTON	WA	F32AI077352	IDENTIFYING THE LINK BETWEEN HIV-1 GAG ASSEMBLY AND BUDDING	\$50,054
2009	PHARMAIN CORPORATION	WA	R43AI078539	NANOCARRIER WITH METAL BRIDGE FOR AFFINITY BASED DELIVERY OF METAL BINDING PEPTID	\$183,937
2009	UNIVERSITY OF WASHINGTON	WA	R01AI061464	TLR5 AND PULMONARY INNATE IMMUNITY	\$305,579
2009	WASHINGTON STATE UNIVERSITY	WA	R01AI044005	ANTIGENIC VARIATION IN MICROBIAL TRANSMISSION	\$336,375
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038382	HPV CAPSID ANTIBODIES	\$316,089
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI031077	PROTEIN PHOSPHORYLATION IN TRYPANOSOMES	\$454,844
2009	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$415,922
2009	UNIVERSITY OF WASHINGTON	WA	R01AI022646	TRANSLATIONAL CONTROL IN INFLUENZA VIRUS INFECTED CELLS	\$413,329
2009	UNIVERSITY OF WASHINGTON	WA	K08AI074424	MUCOSAL TRANSMISSION AND LOCALIZED SUPERINFECTION IN HIV-1	\$124,923
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI064463	KUPFFER CELLS IN LIVER IMMUNOPATHOLOGY	\$459,130
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI067750	HOMING AND HOMEOSTASIS OF REGULATORY T CELLS	\$435,793
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071212	MECHANISM/PREDICTORS OF GENITAL/RECTAL HIV SHEDDING DURING ART W/PLASMA <50C/ML	\$377,774
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068614	LEADERSHIP GROUP FOR A GLOBAL HIV VACCINE CLINICAL TRIALS NETWORK	\$34,168,787
2009	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$300,836
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068635	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV VACCINE TRIALS NETWORK	\$8,761,372
2009	UNIVERSITY OF WASHINGTON	WA	R01AI068431	PROTECTIVE CELLULAR IMMUNE RESPONSES IN HIV-1 DISCORDANT COUPLES	\$620,487
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068617	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV PREVENTION TRIALS NETWORK	\$7,311,592
2009	UNIVERSITY OF WASHINGTON	WA	R01AI067653	POLYMYXIN-RESISTANT PSEUDOMONAS IN CF LUNG INFECTION	\$580,593

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2009	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI063267	FOXP3 STRUCTURE, FUNCTION AND REGULATORY ACTIVITY IN T CELLS	\$119,340
2009	UNIVERSITY OF WASHINGTON	WA	R03AI074359	THE IMPORTANCE OF EARLY SEXUAL EXPERIENCES AMONG MEN WHO HAVE SEX WITH MEN	\$63,000
2009	UNIVERSITY OF WASHINGTON	WA	K23AI071257	EFFECT OF SUPPRESSIVE THERAPY ON BEHAVIORAL DETERMINANTS OF HSV-2 TRANSMISSION	\$126,392
2009	UNIVERSITY OF WASHINGTON	WA	R01AI083034	MULTI-COMPONENT, TARGETED HIV PREVENTION FOR SUB-SAHARAN AFRICA: PREVENTIONRX	\$924,150
2009	UNIVERSITY OF WASHINGTON	WA	R01AI078781	REGULATION OF APOBEC3G ENZYMATIC ACTIVITY IN HIV-INFECTED PRIMARY HUMAN T CELLS	\$398,875
2009	UNIVERSITY OF WASHINGTON	WA	R21AI083487	AIRWAY METALLOPROTEINASES IN MUCOSAL IMMUNITY	\$207,500
2009	UNIVERSITY OF WASHINGTON	WA	R03AI082316	SALPINGEAL INFECTION MODEL OF MYCOPLASMA GENITALIUM	\$78,000
2009	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	U01AI081895	DETECTION OF TOXINS: A COMBINED ELISA MICROARRAY AND ACTIVITY ASSAY PLATFORM	\$676,813
2009	UNIVERSITY OF WASHINGTON	WA	T32AI083203	Viral Pathogenesis Training Program	\$70,208
2009	UNIVERSITY OF WASHINGTON	WA	R56AI082617	OPTIMIZATION OF PYRIMIDINYL PRODRUGS (PYPS) FOR MALARIA CHEMOTHERAPY	\$794,004
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI071998	MONOCYTE-MEDIATED HOST DEFENSE AGAINST ASPERGILLUS FUMIGATUS	\$95,656
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$477,500
2009	SYNTRIX BIOSYSTEMS INC	WA	R43AI068282	AMINOTREXATE A NOVEL STRATEGY TO REPLACE METHOTREXATE IN PSORIASIS	\$257,247
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$593,495
2009	UNIVERSITY OF WASHINGTON	WA	R01AI045820	PATHOGENIC ADAPTATION OF MICROBIAL ADHESINS	\$297,196
2009	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$8,383,063
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI073441	REGULATION OF INFLAMMATORY SIGNALING DURING THE INNATE IMMUNE RESPONSE	\$448,808
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI047086	HIV-1 CELLULAR IMMUNITY IN EXPOSED SERONEGATIVES	\$423,715
2009	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$124,998
2009	WASHINGTON STATE UNIVERSITY	WA	R01AI063463	ION TRANSPORT AND MOTILITY IN LARVAL MOSQUITO STOMACH	\$314,465

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2009	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$496,268
2009	UNIVERSITY OF WASHINGTON	WA	R00AI072945	MECHANISMS AND CONSEQUENCES OF INNATE IMMUNE RECOGNITION OF NUCLEIC ACIDS	\$249,000
2009	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI078401	NOVEL MINOR HISTOCOMPATIBILITY ANTIGENS DETERMINED BY CODING DELETION POLYMORPHIS	\$228,750
2009	PHARMAIN CORPORATION	WA	R43AI082723	LONG-ACTING VIP FORMULATIONS FOR THE TREATMENT OF CHRONIC INFLAMMATORY DISEASES	\$300,000
2009	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI084688	QUANTIFICATION AND DYNAMICS OF HIV-1 DRUG RESISTANT MUTANTS BY PIROSEQUENCING	\$300,605
2009	UNIVERSITY OF WASHINGTON	WA	F32AI078768	HIV-1 POTENTLY ANTAGONIZES INNATE CELLULAR SIGNALING PATHWAYS BY TARGETING IRF3	\$50,054
2009	UNIVERSITY OF WASHINGTON	WA	R01AI072728	UREAPLASMAS IN ACUTE AND PERSISTENT URETHRITIS: CLINICAL IMPLICATIONS	\$545,674
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$481,391
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI074457	ISOLATION OF HIV NABS FROM A NONIMMUNE YEAST-DISPLAY LIBRARY OF SCFV ANTIBODIES	\$238,750
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$728,275
2009	UNIVERSITY OF WASHINGTON	WA	R01AI054384	BIOCHEMISTRY OF PROTEIN PRENYLATION	\$609,576
2009	UNIVERSITY OF WASHINGTON	WA	R01AI062859	MUCOSAL INNATE IMMUNITY TO SALMONELLA INFECTION	\$334,345
2009	UNIVERSITY OF WASHINGTON	WA	R01AI034501	STRUCTURAL BIOLOGY OF ENTEROTOXIN SECRETION FROM BACTERIAL CELLS	\$533,479
2009	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$540,056
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$2,007,507
2009	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus	\$282,026
2009	UNIVERSITY OF WASHINGTON	WA	R01AI071272	TRANSCRIPTIONAL CONTROL OF INTERFERON-GAMMA IN T AND NK CELLS	\$335,423
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030927	HIV HOST-CELL INTERACTIONS	\$499,655
2009	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$365,226
2009	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$30,000
2009	UNIVERSITY OF WASHINGTON	WA	K23AI065222	HAART ADHERENCE INTERVENTIONS IN AFRICA: AN RCT	\$129,019
2009	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$589,661
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI073085	HIV INFECTION OF NON-DIVIDING CELLS	\$296,998

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2009	UNIVERSITY OF WASHINGTON	WA	K23AI079394	DYNAMIC REACTIVATION OF HERPES SIMPLEX VIRUS-2 AND THE GENITAL MUCOSAL RESPONSE	\$121,326
2009	UNIVERSITY OF WASHINGTON	WA	R01AI067496	VACCINIA: T-CELL IMMUNITY AND HOMING TO SKIN	\$334,345
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI069057	MITOCHONDRIAL FUNCTION IN BLOODSTREAM TRYPANOSOMA BRUCEI	\$374,742
2009	UNIVERSITY OF WASHINGTON	WA	R01AI070090	NEW INHIBITORS OF HIV REPLICATION	\$426,250
2009	UNIVERSITY OF WASHINGTON	WA	R01AI078802	Low-frequency HIV-1 Drug Resistance in Primary HIV-1 Infection	\$429,476
2009	UNIVERSITY OF WASHINGTON	WA	R01AI029168	Statistical Issues in AIDS Research	\$535,644
2009	TRIA BIOSCIENCE CORPORATION	WA	R43AI081383	PANDEMIC H5N1 VACCINE CONTAINING RECOMBINANT H5 AND A SYNTHETIC TLR4 AGONIST, GLA	\$440,220
2009	UNIVERSITY OF WASHINGTON	WA	K99AI079159	CD8 TAU CELL CONTRACTION AND MEMORY FORMATION	\$90,000
2009	UNIVERSITY OF WASHINGTON	WA	K23AI082553	REBOUND MALARIA FOLLOWING TRIMETHOPRIM-SULFAMETHOXAZOLE PROPHYLAXIS IN CHILDREN	\$131,409
2009	UNIVERSITY OF WASHINGTON	WA	R01AI050940	DYNAMIC PROPERTIES OF BACTERIAL ADHESINS	\$489,555
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI033484	Immunobiology of Tolerance FF Allogeneic Hematopoietic Cell Transplantation	\$1,226,354
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007450	CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$93,983
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI053193	CD8+ T CELL IMMUNITY TO CYTOMEGALOVIRUS	\$502,469
2009	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$371,495
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI045659	ALLOIMMUNITY IN AUTOIMMUNE DISEASE	\$396,914
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$429,471
2009	UNIVERSITY OF WASHINGTON	WA	R01AI058698	ANTIRETROVIRAL THERAPY AND HIV-1 INFECTIVITY IN WOMEN	\$538,698
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI032042	METHODS FOR EVALUATING VACCINE EFFICACY	\$442,797
2009	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$348,751
2009	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$3,635,677
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI048675	STRUCTURE/FUNCTION STUDIES OF CTLD NK IMMUNORECEPTORS	\$359,090
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI065328	ACTIVATION-INDUCED NON-RESPONSIVENESS CAUSES HIV PROG.	\$324,614

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2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$432,617
2009	UNIVERSITY OF WASHINGTON	WA	R01AI049168	HCV REPLICATION AND IMMUNE RESPONSE IN HIV COINFECTION	\$579,064
2009	UNIVERSITY OF WASHINGTON	WA	T32AI055396	INTERDISCIPLINARY PROGRAM IN BACTERIAL PATHOGENESIS	\$179,819
2009	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$472,551
2009	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	U01AI070801	A MULTIPLEX POINT-OF-CARE TEST FOR VAGINAL INFECTIONS	\$661,660
2009	PROTEIN ADVANCES INC	WA	R44AI066613	DEVELOPING A NEW LEPROSY DIAGNOSTIC TEST	\$340,170
2009	UNIVERSITY OF WASHINGTON	WA	R21AI080439	EFFECT OF LACTOBACILLUS ON GENITAL HIV-1 RNA AND DNA SHEDDING IN WOMEN	\$117,000
2009	UNIVERSITY OF WASHINGTON	WA	U19AI083019	Center for the Study of Immune Mechanisms of Flavivirus Control	\$2,164,329
2009	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U54AI083028	IMMUNE MEDIATED DISORDERS AFTER ALLOGENEIC HEMATOPOIETIC CELL TRANSPLANTS (HCT)	\$1,250,000
2009	PACIFIC TECHNOLOGIES	WA	R43AI082846	SELF-CONTAINED MEMBRANE FILTER BACTERIAL ASSAY SYSTEM	\$100,523
2009	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI081097	INDIRECT AMINOACYLATION IN THE PLASMODIUM APICOPLAST	\$289,200
2009	UNIVERSITY OF WASHINGTON	WA	R33AI071939	IMPROVED MACAQUE SAFETY MODEL FOR TOPICAL MICROBICIDES: POST-COITAL ASSESSMENTS	\$463,502
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$749,799
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI049577	ACTIVITY OF PSEUDOMONAS TYPE III TOXINS	\$371,554
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI068062	REGULATION OF MAST CELL FUNCTION BY INHIBITORY MOLECULES	\$309,063
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI059505	MOLECULAR ANALYSIS FO BORRELIA P66-INTEGRIN BINDING	\$300,640
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI060646	HOST RANGE RESTRICTION OF HUMAN INFLUENZA VIRUSES	\$311,139
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI052218	IN VITRO GLYCORANDOMIZATION OF NATURAL PRODUCTS	\$356,829
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI059049	LETHALITY OF H5N1 INFLUENZA VIRUS IS LINKED TO TGF-BETA	\$267,999
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI064828	MOLECULAR MECHANISMS OF NATURAL KILLER CELL ACTIVATION	\$329,693
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI076734	PRIMATE ENDOMETRIAL RESPONSES TO PLACENTAL MHC CLASS I MOLECULES	\$169,430

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2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI078985	Virology Training Grant	\$279,063
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI084787	DEFINING THE IMPORTANCE OF CD8+ T CELL BREADTH IN SIV/HIV PROTECTIVE IMMUNITY	\$625,815
2009	CENTROSE LLC	WI	R43AI082684	AMPHOTERICIN B ANALOGS	\$277,253
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI072638	TRAFFIC FROM CHRONIC MYCOBACTERIUM INDUCED GRANULOMAS	\$218,870
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048087	T CELLS IN GRANULOMATOUS IMMUNE RESPONSES	\$326,365
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063441	REGULATION OF GENE EXPRESSION IN FRANCISELLA	\$360,779
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI063016	EPITOPE SELECTION BY HLA-DR	\$297,653
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01HL069116	SEVERE ASTHMA FROM RESPIRATORY INFECTIONS	\$1,879,042
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI071004	MOLECULAR MECHANISMS THAT REGULATE PHASE TRANSITION IN DIMORPHIC FUNGI	\$130,950
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047446	INFLUENZA VIRUS ASSEMBLY	\$404,246
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$484,020
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$400,000
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI081590	CRYPTIC ORFS AS A VACCINE FOR HIV	\$245,886
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI078713	DISSECTION OF CELLULAR INTERACTIONS IN T1DM WITH INTEGRATED FUNCTIONAL GENOMICS	\$194,640
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI077345	ELUCIDATION OF CRYPTOSPORIDIUM VIRULENCE MECHANISMS USING TOXOPLASMA GONDII	\$69,740
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI055258	Synthetic Ligands for Modulating Immune Cell Responses	\$371,250
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$158,244
2009	IOGENETICS LLC	WI	R44AI056944	ANTIBODY-BIocide FUSIONS TO CONTROL CRYPTOSPORIDIUM	\$997,510
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067422	INTRACELLULAR TRANSFER OF CHOLESTEROL IN MOSQUITOES	\$242,762
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$191,766
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI070503	MECHANISMS OF RHINOVIRUS-INDUCED EXACERBATIONS OF ASTHMA	\$1,202,877

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2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$165,465
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065850	DISCOVERING NEW ANTI-TUBERCULOSIS DRUGS	\$302,740
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067518	MATERNAL FLU INFECTION AND BRAIN DEVELOPMENT IN PRIMATES	\$439,524
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063325	CONFORMATIONAL DUALITY IN THE HUMAN CHEMOKINE LTN/XCL1	\$264,116
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI037083	LYSOZYMES AND IMMUNITY IN ANOPHELES GAMBIAE	\$245,043
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI074515	NANOEMULSIONS AS NOVEL ADJUVENTS FOR INFLUENZA VIRUS VACCINES	\$599,570
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI069099	MECHANISMS OF IMMUNE EVASION BY HHV-6 AND HHV-7 U21	\$334,398
2009	UNIVERSITY OF WISCONSIN AT STEVENS POINT	WI	R15AI084053	CHARACTERIZATION OF HUMAN PARAINFLUENZA VIRUS TYPE 3 ASSEMBLY AND RELEASE	\$196,778
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI052056	The Functional Significance of CTL Escape	\$730,434
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI073230	VIF-SPECIFIC CD8 RESPONSES IN INDIVIDUALS THAT CONTROL HIV REPLICATION	\$172,425
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI077560	ADHESION OF LEPTOSPIRA INTERROGANS TO HUMAN CELL SURFACE RECEPTORS	\$189,375
2009	TFX BIOSCIENCE	WI	R43AI064959	THERAPEUTIC INTERVENTION FOR BRUCELLA	\$291,567
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI079905	INDUCTION OF FOOD ALLERGY BY INTESTINAL DENDRITIC CELLS	\$189,375
2009	ALPHA UNIVERSE LLC	WI	R43AI071676	NOVEL APPROACH FOR FAST AND ECONOMIC MANUFACTURING OF HUMAN ANTIBODIES	\$231,314
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI081045	REGULATION OF IFN-BETA INDUCTION BY P2X7 PURINERGIC RECEPTOR SIGNALING	\$138,848
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071197	DATA-DRIVEN COMPUTATIONAL MODELING OF THE GROWTH AND SPREAD OF VIRUSES	\$350,968
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$400,000
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$299,012
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI057757	REGULATION PANETH CELL DEFENSINS BY BACTERIAL INFECTION	\$317,071
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI076114	MINIGENE VACCINATION WITH EARLY PRESENTED VIRAL PROTEINS	\$680,829
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R13AI084385	LATIN AMERICA WORKSHOP ON DENGUE	\$12,000
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI080598	MOLECULAR MECHANISMS FOR THE HIGH PATHOGENICITY OF 1918 INFLUENZA VIRUS	\$656,068

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2009	VISTAMOTIF LLC	WI	R43AI082862	SCREENING OF GLUCOCORTICOID RECEPTOR SMALL-MOLECULE REGULATORS USING COGNATE SITE	\$181,875
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074940	ANALYSIS OF HUMAN NKT CELL AUTO-ANTIGENS	\$237,797
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048785	REGULATION OF CD8 T CELL IMMUNITY BY CDK INHIBITOR P27KIP1	\$391,265
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$363,490
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063326	SYNTHETIC LIGANDS FOR MODULATING BACTERIAL COMMUNICATION	\$235,254
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI064287	SEXUAL DEVELOPMENT IN CRYPTOCOCCUS NEOFORMANS	\$296,654
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI068493	MECHANISMS UNDERLYING DENDRITIC CELL-MEDIATED HIV TRANSMISSION	\$288,623
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015429	STRUCTURE AND FUNCTION OF ASCARIS NEUROPEPTIDES	\$340,540
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$445,999
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI061436	FUNCTIONAL GENOMICS OF MOLLUSCAN SCHISTOSOME DEVELOPMENT	\$335,748
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$317,071
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$376,899
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI076722	DISCOVERY OF NOVEL IMMUNOEVASINS FROM HHV-6 AND -7	\$189,375
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$326,365
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI077472	VACCINE REGIMENS TO INDUCE CD4+ AND CD8 + T CELLS AGAINST SIV EPITOPES	\$203,635
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI076731	ANTIGEN SPECIFIC THERAPY FOR BULLOUS PEMPHIGOID	\$189,375
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI082916	MOLECULAR BASIS OF PROPIONATE TOXICITY	\$214,990
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI081087	DELIVERING DRUGS VIA BACTERIAL SECRETION SYSTEMS	\$180,829
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074995	PLASMODIUM FALCIPARUM INFECTION OF THE HUMANIZED NOD/SCID/IL2R(GAMMA)(NULL) MOUSE	\$220,500
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$367,500
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI073346	NOVEL IMMUNOTHERAPY OF AFRICAN TRYPANOSOMIASIS	\$183,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI019769	IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS	\$380,380
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI076700	PRIMING OF ANTIFUNGAL T-CELLS AT MUCOSAL AND SYSTEMIC SITES	\$220,500
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$370,734
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI034998	ROLE OF GLYCOPROTEIN B IN HCMV INFECTION	\$304,433
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI043346	ARTIFICIAL POLYMERIC LIPOPROTEINS AS DRUG CARRIERS	\$140,518
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$603,224
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI070428	RAPID POINT-OF-CARE DIAGNOSTIC FOR BIOTERRORISM "A" AGENTS AND PANDEMIC INFLUENZA	\$1,843,086
2009	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R21AI076970	MICROBIAL COMMUNITY PROFILING OF SEWAGE CONTAMINATION IN THE GREAT LAKES	\$198,483
2009	CLINICAL IMMUNOLOGY SOCIETY	WI	R13AI082823	PRIMARY IMMUNODEFICIENCY DISEASES CONSORTIUM CONFERENCE	\$13,000
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R21AI080557	ACTIVATED PROTEIN C FOR TREATMENT OF RADIATION COMBINED INJURY	\$167,050
2009	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI084162	FOCIS 2014 - 2018: The 14th through 18th Annual Meetings of the Federation of Cli	\$20,000
2009	BIOSENTINEL LLC	WI	R43AI081531	A CELL-BASED ASSAY FOR BOTULINUM NEUROTOXIN DETECTION AND DEVELOPMENT	\$299,024
2009	LUCIGEN CORP	WI	R43AI081467	POINT OF CARE DETECTION OF RESPIRATORY VIRUSES	\$300,000
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$277,032
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$355,656
2009	BELLBROOK LABS LLC	WI	R41AI077296	MICROFLUIDIC VIRAL INFECTION ASSAY	\$298,181
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI072817	EMPLOYING TOXOPLASMA GONDII VIRULENCE MUTANTS TO EXAMINE PROTECTIVE IMMUNITY	\$51,710
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI051669	M. TUBERCULOSIS GENES REGULATING PERSISTENT INFECTION	\$501,557
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067698	HEMOCYTE TRANSCRIPTOME AND IMMUNITY IN Aedes Aegypti	\$346,491
2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063620	VACCINIA ENCODED KINASES AND PHOSPHATASES	\$418,762
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	\$532,538

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2009	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI077988	MULTIPLIED POC DEVICE FOR ANTIGEN/MOLECULAR DETECTION OF INFLUENZA & OTHER VIRUSES	\$475,444
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$367,370
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI065023	CHARACTERIZING TOXOPLASMA GONDII ENCYSTATION MUTANTS	\$55,310
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI082880	EXPLORING IN VITRO AND IN VIVO T CELL IMMUNITY TO SIV WITH MHC-IDENTICAL MACAQUES	\$200,411
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071947	IDENTIFICATION AND PRECLINICAL TESTING OF MICROBICIDES	\$470,139
2009	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI079656	HIGH RESOLUTION ANALYSIS OF RIBOSOME-BOUND NASCENT POLYPEPTIDES BY NMR	\$168,953
2009	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R56AI071239	FUNCTIONS OF BCL10 IN LYMPHOCYTES	\$407,500
2009	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R56AI076221	DENDRITIC CELL HETEROGENEITY IN TOLL-LIKE RECEPTOR 4 SIGNALING: CONCEPT VALIDATIO	\$219,750
2008	SYMPHOGEN A/S		U01AI070378	FULLY HUMAN RECOMBINANT THERAPEUTIC ANTI-VACCINIA VIRUS POLYCLONAL ANTIBODY	\$0
2008	HEBREW UNIVERSITY		UC1AI067231	BROAD-SPECTRUM ANTAGONIST OF SUPERANTIGEN TOXINS	\$0
2008	ST GEORGES HOSPITAL MEDICAL SCHOOL		R21AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$0
2008	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$0
2008	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		U01AI060579	GLOBAL GAS VACCINE BASED ON THE M-PROTEIN	\$0
2008	UNIVERSITY OF BRITISH COLUMBIA		U01AI074449	ADJUVANTS AND VIROSOMAL VACCINES FOR THE ELDERLY	\$0
2008	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$0
2008	THAI RED CROSS SOCIETY		U19AI053741	HIV RESEARCH PROGRAM IN THAILAND AND CAMBODIA	\$0
2008	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		R01AI078933	BUILDING CAPACITY IN EVIDENCE-BASED HIV PREVENTION RESEARCH FOR MSM IN CHINA	\$0
2008	FLINDERS UNIVERSITY OF SOUTH AUSTRALIA		U01AI061142	NOVEL VACCINE ADJUVANTS TO COUNTER BIOTERRORIST THREATS	\$0
2008	MALAWI COLLEGE OF MEDICINE		R01AI075587	PK-PD MODELS TO IDENTIFY RATIONAL ANTIMALARIAL COMBINATION THERAPY	\$0
2008	MCMASTER UNIVERSITY		U01AI076208	A RANDOMIZED TRIAL OF INFLUENZA VACCINATION OF HUTTERITE CHILDREN	\$0

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2008	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U19AI051915	CHINA'S INTEGRATED PROGRAMS FOR RESEARCH ON AIDS	\$0
2008	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$0
2008	BIOTA SCIENTIFIC MANAGEMENT		U01AI070263	INNOVATIVE INFLUENZA THERAPEUTIC AND PROPHYLACTIC FOR BIODEFENSE APPLICATIONS	\$0
2008	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI036199	GAG AND CYCLOPHILIN IN HIV-1 REPLICATION	\$0
2008	INSTITUT DE GENETIQUE MOLECULAIRE DE MONTPELLIER		R01AI059349	ZAP-70 DEFICIENCY: A MODEL FOR GENE THERAPY STUDIES	\$0
2008	UNIVERSITY OF TORONTO		R03AI067412	SIMKANIA NEGEVENSIS IN LUNG TRANSPLANT INFLAMMATION AND REJECTION-A PILOT STUDY	\$0
2008	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$0
2008	HOSPITAL UNIV CLEMENTINO FRAGA FILHO		U01AI069414	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO CLINICAL TRIALS UNIT	\$0
2008	UNIVERSITY OF GENEVA SCHOOL OF MEDICINE		R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	\$131,085
2008	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$0
2008	UNIVERSITY OF THE WITWATERSRAND		R03AI070079	STUDIES OF EARLY HIV-1 SUBTYPE C INFECTION IN SOUTH AFRICA	\$0
2008	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$0
2008	UNIVERSITY OF ALBERTA		U01AI065191	ISLET TRANSPLANT - COSTIMULATORY BLOCKAGE WITH LEA29Y	\$0
2008	STARPHARMA, LTD		U19AI060598	DEVELOPMENT OF DENDRIMER AND COMBINATION MICROBICIDES	\$0
2008	HIV-NAT, THE THAI RED CROSS AIDS RCH CTR		R03AI077157	IMPACT OF SELENIUM/ZINC LEVELS ON HIV DISEASE AND TREATMENT RESPONSE IN CHILDREN	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069569	LIPOSOMAL RECOMBINANT VACCINE AND CARIES IMMUNITY	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI079741	HLA*B ASSOCIATED GENES AND MEMORY B CELLS IN PATIENTS WITH CVID	\$0
2008	VAXIN PHARMACEUTICALS, INC	AL	R44AI068285	IN-OVO VACCINATION/AVIAN INFLUENZA/BIRD/HUMAN	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$159,271

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2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$208,780
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064831	MALARIA: IMMUNITY AND DIVERSITY IN LOW TRANSMISSION	\$0
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI073174	CONTRIBUTION OF VH REPLACEMENT TO B CELL ANTI-HIV IMMUNE RESPONSE	-\$152,640
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$3,208
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$0
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI038991	IMMUNITY TO CHLAMYDIAL GENITAL INFECTION	\$0
2008	ARIZONA STATE UNIVERSITY	AZ	K08AI059106	GENE EXPRESSION CONTROL BY THE 1918 FLU IN MACAQUES	\$0
2008	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI075568	BURKHOLDERIA: INTERNATIONAL COLLABORATIVE DEVELOPMENT OF NOVEL DIAGNOSTICS	\$0
2008	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI066581	REAL-TIME PCR ASSAYS FOR DIRECT DETECTION OF SEPSIS AND CAP PATHOGENS	\$0
2008	UNIVERSITY OF ARIZONA	AZ	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	\$270,459
2008	ARIZONA STATE UNIVERSITY	AZ	R03AI073157	EXPRESSION OF DECONSTRUCTED HIV-1 VIRUS-LIKE PARTICLES IN BIOENGINEERED PLANTS	-\$45,223
2008	UNIVERSITY OF ARIZONA	AZ	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	-\$67,917
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072933	ROLE OF SECRETED NS1 AND ANTI-NS1 ANTIBODIES IN DENGUE PATHOGENESIS	-\$5,188
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046967	THREE-DIMENSIONAL HIV RNA GENOME TARGETED DRUG LEADS	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI021786	REGULATION OF THE DEVELOPMENT OF TRYPANOSOMA BRUCEI	\$0

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2008	ROCHE PALO ALTO LLC	CA	R01AI057471	MOLECULAR MECHANISMS OF AUTOREACTIVE B CELL ACTIVATION	\$0
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI074043	IN VIVO ADA GENE DELIVERY FOR THE TREATMENT OF SCID	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI058106	TLR2 IN SEPSIS-INDUCED COAGULOPATHY, ENDOTHELIAL LEAK, AND PULMONARY DYSFUNCTION	\$0
2008	MOLECULAR EXPRESS, INC	CA	R43AI077119	LIPOSOMAL ADJUVANT FOR VACCINE DEVELOPMENT	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI067745	GENETICS OF INNATE IMMUNITY IN HUMAN LEPTOSPIROSIS IN BRAZIL	\$51,746
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI026765	FUNCTIONS OF 5' NCRS OF PICORNAVIRUS AND CELLULAR MRNAS	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI073297	BIOLOGY OF ANIMAL NUCLEAR MONONEGAVIRUSES	\$0
2008	STANFORD UNIVERSITY	CA	R56AI076434	NEW PERSPECTIVE ON INNATE ANTIBODIES IN MICE	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078455	IMPROVED HUMANIZED MOUSE MODELS FOR VACCINE DEVELOPMENT	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI075609	ROLE OF THE MHC CLASS II TRANACTIVATOR GENE IN LUPUS AND RHEUMATOID ARTHRITIS	\$0
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061712	HOW ANTHRAX LETHAL FACTOR KILLS MACROPHAGES	\$0
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	P01AI055789	VIRULENCE FACTORS AND CELL DEATH	\$0
2008	SIDNEY KIMMEL CANCER CENTER	CA	R01AI061615	REGULATION OF T CELL IMMUNITY TO INFLUENZA BY CD44	-\$118,182
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	K08AI060641	ADRENERGIC ANTAGONISM DURING MURINE CANDIDIASIS	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI070453	XENOBIOTICS, OXIDATIVE STRESS AND ALLERGIC INFLAMMATION	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI075298	IMMUNE CELL DYNAMICS DURING CENTRAL NERVOUS SYSTEM VIRAL INFECTION	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI061363	SCANNING B. PSEUDOMALLEI PROTEOME FOR VACCINE ANTIGENS	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	PARALLEL SYNTHESIS TECHNOLOGIES	CA	R43AI081466	MULTIPLEXED PCR ON OPTICALLY ENCODED BEADS	\$13,780
2008	MAXYGEN INC	CA	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$0
2008	STANFORD UNIVERSITY	CA	F32AI069728	PROBING SERINE PROTEASE PATHWAYS IN P. FALCIPARUM	-\$43,734
2008	PLANET BIOTECHNOLOGY INC	CA	R43AI072838	IMPROVED METHOD FOR PURIFICATION OF THERAPEUTIC PROTEINS FROM PLANTS	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$0
2008	NOVADIGM THERAPEUTICS INC	CA	R41AI072821	NOVEL CONTEXT-ACTIVATED PROTIDE ANTI-INFECTIVES	\$0
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$0
2008	IBIS BIOSCIENCES INC	CA	R43AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI068549	HIV EPITOPE SPECIFIC T CELL RESPONSES AND CONTROL OF HIV REPLICATION	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI051485	THE ROLE OF ODORANT BINDING PROTEINS IN ANOPHELINE MOSQUITO ODOR PERCEPTION	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$205,117
2008	STANFORD UNIVERSITY	CA	R21AI078505	INTERFERING WITH PROTEIN-PROTEIN INTERACTION FOR THE TREATMENT OF LEISHMANIASIS	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI071468	MECHANISM OF MHC CLASS I CRYPTIC PEPTIDE TRANSLATION	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052748	SOLID ORGAN TRANSPLANTATION IN HIV: MULTI-SITE STUDY	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI062758	SALMONELLA-INDUCED CYTOPATHOLOGY IN HUMAN MACROPHAGES	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064325	MECHANISTIC INSIGHTS INTO B7 CO-STIMULATION	-\$259,460
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$0
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI061615	REGULATION OF T CELL IMMUNITY TO INFLUENZA BY CD44	\$117,231
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	\$107,550

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075410	RESEQUENCING MICROARRAY FOR RAPID DETECTION & ANTIMICROBIAL RESISTANCE PROFILING	\$0
2008	OAK CREST INSTITUTE OF SCIENCE	CA	R21AI079791	INTRAVAGINAL RING MICROBICIDE FORMULATIONS COMPRISING MULTIPLE ANTI-HIV AGENTS	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080397	ASSESSING THE CLINICAL CONSEQUENCES OF HIV DRUG RESISTANCE	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI079436	MODULATION OF THE INNATE IMMUNITY BY BACTERIAL SIGNALING MOLECULES	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078427	ROLE OF NUCLEAR FACTOR TOX IN GERMINAL CENTER REACTIONS	-\$100,408
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI069296	INDIRECT RECOGNITION OF MICROBES BY NKT CELLS	-\$221
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI056931	THE IMPACT OF HLA IN CHILDREN RECEIVING HAART	-\$82,169
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052142	CLINICAL & MOLECULAR STUDIES OF DRUG RESISTANT MALARIA	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$10,088
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI062677	CLINICAL STUDIES OF INTERACTIONS BETWEEN HIV AND MALARIA	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI067769	The UCLA Center for Medical Countermeasures Against Radiation	\$0
2008	STANFORD UNIVERSITY	CA	U01AI037127	ONTOGENY OF MEASLES IMMUNITY IN INFANTS	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069545	CLINICAL CENTER: MEDICAL /QUALITY OF LIFE OUTCOMES /LIVE KIDNEY OR LUNG DONATION	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070351	EFFECTS OF INSULIN-DEPENDENT DIABETES RESISTANCE ALLELES ON CD8 TOLERANCE IN NOD	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$0
2008	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$0
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI060040	ANTIGEN PROCESSING IN THE SECRETORY PATHWAY	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	STANFORD UNIVERSITY	CA	R01AI036929	ACTIN BASED MOTILITY OF A BACTERIAL PATHOGEN	-\$28,266
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Molecular and Force Dynamics: Leukocyte Adhesion Molecules	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$0
2008	STANFORD UNIVERSITY	CA	R01AI067712	SURFACE PROTEIN DYNAMICS IN LIVE BACTERIAL PATHOGENS	-\$27,961
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI077012	NOVEL MOLECULES THAT DEFINE VIRAL PERSISTENCE	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$0
2008	INTELLIGENT OPTICAL SYSTEMS, INC	CA	R43AI078569	A SEROLOGICAL DIAGNOSTIC IMMUNOASSAY TEST STRIP FOR LEISHMANIASIS	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$0
2008	VICAL, INC	CA	R42AI065015	HERPES SIMPLEX IMMUNOTHERAPEUTIC VACCINE	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI066146	DEVELOPMENT OF IMMUNE MODULATORS VIA CHEMICAL GENETICS	\$0
2008	STANFORD UNIVERSITY	CA	K23AI054443	IMMUNOEPIDEMIOLOGY OF CONCOMITTANT INFECTION	\$0
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$0
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI057532	ANALYSIS OF HOST DEFENSE GENES TO TOXOPLASMA GONDII	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055540	THERAPEUTICS TO PREVENT/TREAT LASSA FEVER VIRUS	\$0
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$0
2008	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$0
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI059346	STUDIES OF ALPHA-DEFENSINS IN PRIMATE INNATE IMMUNITY	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077042	REACTIVE OXYGEN SPECIES IN ANTI-VIRAL AIRWAY HOST DEFENSE	\$0
2008	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$34,895
2008	CEDARS-SINAI MEDICAL CENTER	CA	R21AI078427	ROLE OF NUCLEAR FACTOR TOX IN GERMINAL CENTER REACTIONS	\$85,920
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$0
2008	STANFORD UNIVERSITY	CA	R01AI060037	SIGNALING IN THYMOCYTE SELECTION	\$0

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2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070530	IMMUNOTHERAPEUTICS VS EBOLA SUDAN: DEVELOPMENT, STRUCTURAL & FUNCTIONAL ANALYSIS	\$0
2008	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$0
2008	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R21AI065712	INFLUENZA A IN THE AGED: A NOVEL VACCINATION STRATEGY	\$185,147
2008	SIDNEY KIMMEL CANCER CENTER	CA	R21AI065712	INFLUENZA A IN THE AGED: A NOVEL VACCINATION STRATEGY	-\$241,248
2008	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI055987	SMOOTH TO RUGOSE PHASE VARIATION IN VIBRIO CHOLERAE	\$0
2008	MAPP BIOPHARMACEUTICAL INC	CA	R43AI081392	MONOCLONAL ANTIBODY SEB IMMUNOPROTECTANT	\$0
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$0
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI077791	GENETICS MODIFIERS OF ANTHRAX LETHAL TOXIN INDUCED PATHOPHYSIOLOGY	\$47,000
2008	COLORADO STATE UNIVERSITY	CO	R01AI046435	NEW ALPHAVIRUS EXPRESSION SYSTEMS IN MOSQUITOES	\$0
2008	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	P30AI054907	U OF COLORADO CENTER FOR AIDS RESEARCH	\$0
2008	UNIVERSITY OF COLORADO DENVER	CO	R56AI054959	ANALYSIS OF INTRACELLULAR HOST DEFENSES IN SALMONELLA PATHOGENESIS	\$0
2008	INVIRAGEN LLC	CO	U01AI070443	PRECLINICAL DEVELOPMENT OF A CHIMERIC TETRAVALENT DENGUE VACCINE	\$0
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI076682	A MAMMALIAN CELLULAR NICHE FOR CHRONIC BACTERIA	\$0
2008	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$0
2008	COLORADO STATE UNIVERSITY	CO	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	-\$147,000
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$0
2008	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	-\$127,087
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059719	THE ROLE OF UNC119 IN T CELL ANTIGEN RECEPTOR SIGNALING1	\$0
2008	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K01AI067063	PATTERNS OF ANTIRETROVIRAL NONADHERENCE: ASSOCIATION WITH OUTCOMES & COST CARE	\$0
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI057485	HOMEOSTASIS OF VALPHA14I NATURAL KILLER T CELLS	\$0
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R56AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$0

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2008	YALE UNIVERSITY	CT	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	-\$633,319
2008	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$0
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI062735	TICK POLARIZED T-CELL RESPONSES AND BORRELIA INFECTION	-\$161,364
2008	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$0
2008	L2DIAGNOSTICS, LLC	CT	R43AI077159	LYME DISEASE DIAGNOSTICS USING IN VIVO EXPRESSED BORRELIA BURGDORFERI ANTIGENS	\$0
2008	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$0
2008	YALE UNIVERSITY	CT	K08AI054375	IMMUNE RESISTANCE TO GLIOMA VIA DENDRITIC CELLS	\$130,464
2008	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	-\$4,724
2008	YALE UNIVERSITY	CT	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$0
2008	HELIX THERAPEUTICS LLC	CT	R43AI076193	TARGETED CCR5 GENE INACTIVATION USING PEPTIDE NUCLEIC ACIDS	\$0
2008	WESLEYAN UNIVERSITY	CT	R56AI017986	BETA-LACTAMASES AND DD-PEPTIDASES: ACTIVE SITE CHEMISTRY	\$0
2008	YALE UNIVERSITY	CT	R56AI041440	IMMUNOPATHOGENESIS OF HUMAN GRANULOCYTIC ANAPLASMOSIS	\$0
2008	YALE UNIVERSITY	CT	R01AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$0
2008	VAXINNATE CORPORATION	CT	R43AI074162	DEVELOPMENT OF A TETRAVALENT DENGUE VACCINE THAT LINKS INNATE AND ADAPTIVE IMMUNI	\$0
2008	GEORGETOWN UNIVERSITY	DC	R21AI076084	TRIAZOLE HYPERSENSITIVITY IN CANDIDA ALBICANS	-\$123,592
2008	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$13,400
2008	SOLIGENIX INC	FL	U01AI070624	CONTINUED DEVELOPMENT OF A RECOMBINANT VACCINE (RIVAXTM) AGAINST RICIN TOXIN	\$0
2008	UNIVERSITY OF SOUTH FLORIDA	FL	K08AI062468	ENGINEERING PRIMARY T CELLS FOR RESISTANCE TO HIV-1	\$86,525
2008	UNIVERSITY OF MIAMI	FL	R01AI060729	STAGE-SPECIFIC SIGNALING IN PERIPHERAL B CELL SELECTION	\$49,837
2008	UNIVERSITY OF MIAMI	FL	R01AI039973	BIOCHEMICAL MECHANISMS OF DRUG RESISTANCE IN HIV RT	\$0
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R21AI076078	EQTL ANALYSIS OF TOXOPLASMA DEVELOPMENT	\$180,259

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2008	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI058170	METALLOID TRANSPORTERS AND DRUG RESISTANCE IN LEISHMANIA	\$60,438
2008	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI043428	METAL BINDING DOMAINS IN METALLOREGULATORY PROTEINS	\$175,001
2008	UNIVERSITY OF FLORIDA	FL	R01AI078967	TAILORING AAV VECTORS FOR GLIOMA IMMUNOTHERAPY	\$0
2008	UNIVERSITY OF FLORIDA	FL	R01AI074068	DEFERRITHIOLIN ANALOGUE ACTINIDE DECORPORATION AGENTS	\$0
2008	TRANSGENEX NANOBIOTECH INC	FL	R43AI080431	TARGETED DELIVERY OF SIRNA NANOPARTICLES TO PREVENT HIV-1 TRANSMISSION	\$0
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$0
2008	UNIVERSITY OF FLORIDA	FL	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	\$67,917
2008	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	-\$2,971
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	\$13,167
2008	EMORY UNIVERSITY	GA	R21AI073582	REGULATION OF PROGENITOR ENTRY INTO THE THYMUS	\$0
2008	EMORY UNIVERSITY	GA	R01AI030363	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	\$0
2008	EMORY UNIVERSITY	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	-\$13,167
2008	EMORY UNIVERSITY	GA	R56AI048638	MICROBES, DENDRITIC CELL SUBSETS AND T-CELL IMMUNITY	\$0
2008	EMORY UNIVERSITY	GA	R01AI040662	POPULATION GENETICS & EVOLUTION OF ANTIBIOTIC RESISTANCE	\$0
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI076650	REPAIR OF METHIONINE RESIDUES IN H. PYLORI CATALASE	\$0
2008	EMORY UNIVERSITY	GA	U19AI061728	OPTIMIZING THE IMMUNOGENICITY OF MVA-BASED AIDS VACCINES	\$0
2008	EMORY UNIVERSITY	GA	R01AI062755	SEXUALLY TRANSMITTED INFECTIONS & ANTIMICROBIAL PEPTIDES	-\$38,904
2008	ZETRA BIOLOGICALS LLC	GA	R43AI077406	ENHANCEMENT OF MUCOSAL ANTIBODY RESPONSES TO HIV VACCINE	\$0
2008	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$0
2008	EMORY UNIVERSITY	GA	R56AI020723	GENETICA ANALYSIS OF S. PYOGENES VIRULENCE FACTORS	\$0
2008	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$0
2008	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$541,730

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2008	EMORY UNIVERSITY	GA	R01AI069987	NOVEL HIV-1 VACCINE CANDIDATES USING NEWLY TRANSMITTED CLADE C ENVIS AS IMMUNOGENS	\$0
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI073622	THE MECHANISM OF CD11B/CD18-MEDIATED NEUTROPHIL TRANSMIGRATION	\$0
2008	EMORY UNIVERSITY	GA	K99AI076346	PREVENTING AND CURING PERSISTENT INFECTIONS WITH TRANSIENT FTY720 TREATMENT	\$0
2008	PANTHERA BIOPHARMA LLC	HI	R43AI079966	DISCOVERY OF BROAD SPECTRUM DENGUE VIRUS PROTEINASE INHIBITORS	\$0
2008	UNIVERSITY OF HAWAII	HI	R21AI073250	DEVELOPMENT OF MOLECULAR ADJUVANTS FOR THERAPEUTIC HIV-1 VACCINES	-\$169,713
2008	BIOPROTECTION SYSTEMS CORPORATION	IA	U01AI066327	RATIONALLY DESIGNED RIFT VALLEY FEVER VIRUS VACCINE	\$43,062
2008	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$0
2008	UNIVERSITY OF IOWA	IA	K08AI079410	FUNCTION OF LONGUS TYPE IV PILI IN ENTEROTOXIGENIC E COLI	\$0
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$0
2008	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$0
2008	UNIVERSITY OF IOWA	IA	R01AI058740	GBV-C effects on CD4 activation and expansion	\$0
2008	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$0
2008	UNIVERSITY OF CHICAGO	IL	R01AI064489	THE ROLE OF PROTEASOMES IN VIRAL RNA TRANSLATION	\$0
2008	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$0
2008	UNIVERSITY OF CHICAGO	IL	F32AI069697	CHARACTERIZATION OF HEME ACQUISITION IN B. ANTHRACIS	-\$33,590
2008	UNIVERSITY OF CHICAGO	IL	R01AI076585	THE ORIGIN AND CONSEQUENCES OF RECEPTOR EDITING AND ALLELIC-INCLUSION.	\$0
2008	NORTHWESTERN UNIVERSITY	IL	R21AI077020	CROSSTALK IN RNA MEDIATED INNATE ANTIVIRAL RESPONSES	\$125,050
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$0
2008	ILLINOIS STATE UNIVERSITY	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	-\$169,126
2008	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$0
2008	UNIVERSITY OF CHICAGO	IL	U01AI070559	LCRV PLAGUE VACCINE WITH ALTERED IMMUNE MODULATORY PROPERTIES	\$0
2008	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$0
2008	NORTHWESTERN UNIVERSITY	IL	R01AI055733	HOST DEFENSE EVASION BY FATAL EMERGING PARAMYXOVIRUSES	\$164,700

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2008	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$1,366
2008	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$188,237
2008	NORTHWESTERN UNIVERSITY	IL	R01AI052051	CELL BIOLOGY AND HIV ENTRY	-\$8,358
2008	NORTHWESTERN UNIVERSITY	IL	R01AI041985	Unconventional APC Inducing Autoimmune Th17 Cell Expansion in Lupus	\$0
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R21AI077020	CROSSTALK IN RNA MEDIATED INNATE ANTIVIRAL RESPONSES	-\$125,050
2008	NORTHWESTERN UNIVERSITY	IL	F32AI071475	ZINC TRAFFICKING MACHINERY IN MALARIA INFECTION	-\$39,761
2008	NORTHWESTERN UNIVERSITY	IL	R21AI067590	THE ROLE BH3 AND MULTI BH DOMAIN GENES IN REGULATING MONOCYTE SURVIVAL AND FUNCTI	\$183,325
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI055733	HOST DEFENSE EVASION BY FATAL EMERGING PARAMYXOVIRUSES	-\$164,700
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$0
2008	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$0
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$0
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI074691	P. PAPATASI MIDGUT MOLECULES: GENE FUNCTION AND ASSESSING TBV CANDIDATES	-\$274,941
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$0
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI073250	DEVELOPMENT OF MOLECULAR ADJUVANTS FOR THERAPEUTIC HIV-1 VACCINES	\$188,843
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$233,403
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI077502	GCN5-MEDIATED TRANSCRIPTION IN AIDS PATHOGEN TOXOPLASMA	\$0
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI025859	ADULT AIDS CLINICAL TRIALS UNIT	\$0
2008	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI074691	P. PAPATASI MIDGUT MOLECULES: GENE FUNCTION AND ASSESSING TBV CANDIDATES	\$246,766
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$234,248
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R03AI073157	EXPRESSION OF DECONSTRUCTED HIV-1 VIRUS-LIKE PARTICLES IN BIOENGINEERED PLANTS	\$44,769
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI033481	YERSINIABACTIN AND PLAGUE PATHOGENESIS	\$0
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$0
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	U19AI061972	GULF SOUTH STI/TOPICAL MICROBICIDE COOPERATIVE RESEARCH CENTER	\$0
2008	CHILDREN'S HOSPITAL	LA	R56AI074001	ATYPICAL G PROTEIN SIGNALING IN CRYPTOCOCCUS NEOFORMANS	\$0

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2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI072350	CHARACTERIZATION OF ALPHAVIRUS INFECTION RECEPTORS	\$0
2008	CHILDREN'S HOSPITAL	LA	R56AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	-\$34,114
2008	BOSTON UNIVERSITY	MA	K02AI060701	ROLE OF RNA EDITING BY ADAR1 IN INFECTION	\$0
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$0
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	-\$107,612
2008	TUFTS UNIVERSITY	MA	R56AI052781	GENETICS OF CRYPTOSPORIDIUM PARVUM	\$148
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI068085	MECHANISMS BY WHICH INFLUENZA A PROTECTS AGAINST ASTHMA	\$0
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI074503	DEVELOPMENT OF NOVEL IMMUNOTHERAPY FOR INFLUENZA VIRUS INFECTION	\$0
2008	BROAD INSTITUTE INC	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$273,121
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI055314	MAPPING HIV/AIDS GENES WITH HAPLOTYPE-BASED STRATEGIES	\$44,934
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI051206	HUMAN STUDIES OF LISTERIA MONOCYTOGENES VECTORS	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI049361	THE ROLE OF NOTCH SIGNALING IN T CELL FUNCTION	\$0
2008	BETH ISRAEL HOSPITAL	MA	R01AI043552	THE ROLE OF RAP1 IN T-CELL RESPONSES	\$195,043
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	U19AI057330	PROTECTIVE ORTHOPOX IMMUNIZATION IN NORMALS AND PATIENTS WITH CANCER OR ECZEMA	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062412	PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P30AI060354	Harvard University Center for AIDS Research	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI073591	EMPIRICAL SPACE-TIME EVALUATION OF PRIORITY GROUPS FOR INFLUENZA CONTROL	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	DANA-FARBER CANCER INSTITUTE	MA	F32AI078810	DEVELOPMENT OF GENE TRANSFER APPROACH FOR PREVENTION OF VAGINAL HIV TRANSMISSION	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI080075	ANALYSIS OF CELLULAR EVENTS THAT ALLOW PAPILOMAVIRUS REPLICATION	\$0
2008	FIRST LIGHT BIOSCIENCES INC	MA	R43AI078695	ULTRASENSITIVE, RAPID, COST-EFFECTIVE, USER-FRIENDLY TEST FOR RESPIRATORY VIRUSES	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077668	ROLE OF WASP/WIP COMPLEX IN T CELL FUNCTION	-\$381,112
2008	MICROBIOTIX, INC	MA	R44AI054135	A POTENT ORAL THERAPY FOR CYTOMEGALOVIRUS INFECTION	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI061601	STUDIES OF A SARS-CORONAVIRUS RECEPTOR	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI035786	THE EPIDEMIOLOGY OF HOME ALLERGENS AND ASTHMA	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	-\$228,997
2008	UNIVERSITY OF MASSACHUSETTS	MA	R56AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$0
2008	MICROBIOTIX, INC	MA	U01AI070430	NOVEL SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXIN A	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI075037	STUDIES ON FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI043552	THE ROLE OF RAP1 IN T-CELL RESPONSES	-\$200,780
2008	BETH ISRAEL HOSPITAL	MA	R01AI046734	CALCIUM INFLUX PATHWAYS IN LYMPHOCYTES AND MAST CELLS	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI074088	MECHANISTIC EXPLORATIONS OF MICROCIN E492M BIOSYNTHESIS AND MATURATION	\$0
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043619	TOLERANCE TO ALLOGRAFTS THROUGH GENE THERAPY	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$0
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI075897	EVALUATION OF LABORATORY INFORMATION SYSTEMS IN RESOURCE-POOR SETTINGS	-\$8,021
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	-\$17,750
2008	IMMUNE DISEASE INSTITUTE INC	MA	F32AI077198	ELUCIDATING THE MECHANISMS OF FUNCTION OF THE TRANSCRIPTIONAL REGULATOR AIRE	-\$18,896
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	K08AI055314	MAPPING HIV/AIDS GENES WITH HAPLOTYPE-BASED STRATEGIES	-\$44,934

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2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI057588	THE ROLE OF LPS AND TOLL-LIKE RECEPTORS IN PLAGUE	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	P01AI043649	HIVRAD: STRUCTURAL APPROACHES TO VACCINE DEVELOPMENT	\$0
2008	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$0
2008	BETH ISRAEL HOSPITAL	MA	U19AI066305	NOVEL ADENOVIRUS VECTOR-BASED VACCINES FOR HIV-1	\$0
2008	IMMUNE DISEASE INSTITUTE INC	MA	U19AI070302	AN SIRNA-BASED MICROBICIDE TO PREVENT HIV TRANSMISSION	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI070330	EVOLUTIONARY LEAD OPTIMIZATION FOR IMMUNOTHERAPY OF MARBURG & EBOLA VIRUSES	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOMICS AND VIBRIO CHOLERAEE VACCINE DEVELOPMENT	\$0
2008	TUFTS UNIVERSITY	MA	R21AI076687	HIGH THROUGHPUT SCREENING FOR ANTI-FUNGAL DRUGS THAT INHIBIT MRNA POLYADENYLATION	\$0
2008	UNIVERSITY OF MASSACHUSETTS - DARTMOUTH	MA	R21AI070787	RNA APTAMERS AS NOVEL ANTIDOTES AGAINST BOTULISM	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI076625	A NOVEL MUTATION IN HUMAN IKBALPHA IDENTIFIES A DOMAIN ESSENTIAL FOR FUNCTION	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$0
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI073871	ADAPTIVE IMMUNITY IN VIRUS-INDUCED DIABETES IN BBDR RATS	\$0
2008	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI057999	MODULATION OF DENDRITIC CELL FUNCTION BY CYTOMEGALOVIRUS	\$0
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI069412	HARVARD MEDICAL SCHOOL VACCINE CLINICAL TRIALS UNIT	\$0
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI054451	FUNCTION AND REGULATION OF GATA-3	\$0
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$0
2008	BRANDEIS UNIVERSITY	MA	U01AI075466	DEVELOPMENT OF IMPDH-TARGETED DRUGS AGAINST CRYPTOSPORIDIUM	\$0

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2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$0
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	-\$340,657
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	-\$185,395
2008	TUFTS UNIVERSITY	MA	R56AI073759	INHIBITORS OF TYPE III SECRETION AND TRANSLOCATION IN YERSINIA	\$0
2008	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$0
2008	JOSLIN DIABETES CENTER, INC	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$0
2008	TUFTS UNIVERSITY	MA	R56AI056234	HYPER-RESPONSIVENESS TO TLR AGONISTS IN WILD DERIVED MICE	\$0
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070926	VIRULENCE MECHANISMS OF GROUP A STREPTOCOCCAL TOXINS	\$0
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$0
2008	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$123,000
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$139,500
2008	VIRION SYSTEMS, INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI042287	T CELL RESPONSES TO INTRACELLULAR BACTERIAL PATHOGENS	\$0
2008	UNIVERSITY OF MARYLAND	MD	R21AI073139	AIDS VACCINE STRATEGY USING IGG TRANSFER PATHWAY	\$0
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI070638	DEVELOPMENT OF AN ADHESIN-TOXOID CHIMERA VACCINE FOR ENTEROTOXIGENIC E. COLI	\$0
2008	ANJIN GROUP INC	MD	R43AI076205	FURTHER ANALYSIS OF A VLS MODIFIED IL-2 RECEPTOR TARGETED TOXIN	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI069447	INSTITUTE OF HUMAN VIROLOGY CLINICAL TRIALS UNIT	\$0

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2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI056990	A RANDOMIZED TRIAL OF HAART IN ACUTE/EARLY HIV INFECTION	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$0
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI080553	CIPROFLOXACIN ENHANCES DNA REPAIR CAPACITY AFTER RADIATION COMBINED INJURY	\$0
2008	CELLEX INC	MD	R43AI077117	AN ASSAY FOR RAPID AND SENSITIVE FLU VIRUS DETECTION	\$0
2008	UNIVERSITY OF MARYLAND	MD	R21AI076684	FUNCTION OF SELECTED VECTOR-INDUCED B. BURGDORFERI GENE-PRODUCTS	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI055912	HEME OXYGENASE: STRUCTURE, FUNCTION AND PATHOGENESIS	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI054952	VACCINE-ENHANCED RESPIRATORY SYNCYTIAL VIRUS DISEASE	\$0
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$0
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI077910	BIVALENT RECOMBINANT LHN BOTULINUM VACCINE (SEROTYPES A AND B)	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI067710	IMMUNE RECONSTITUTION TO ASPERGILLUS	\$246,000
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI070486	ANTHRAX IMMUNE GLOBULIN TO PREVENT & TREAT ANTHRAX: ADVANCED PRODUCT DEVELOPMENT	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$0
2008	CYTO PULSE SCIENCES, INC	MD	R44AI055212	DNA VACCINE DELIVERY SYSTEM FOR BIODEFENSE WITH DENGUE	\$0
2008	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB)	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZED PATIENTS	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069482	JOHNS HOPKINS UNIVERSITY-GUANGXI, CHINA CLINICAL TRIALS UNIT	\$0
2008	JOHNS HOPKINS UNIVERSITY	MD	R56AI079132	ORAL IMMUNIZATION AGAINST MALARIA WITH RECOMBINANT ADENOVIRUSES	\$0
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI043615	AUTOTRANSPORTERS OF ENTEROBACTERIACEAE	\$0

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2008	UNIVERSITY OF MICHIGAN	MI	F32AI068324	GENOMIC APPROACH TO VACCINE DESIGN FOR PROTEUS MIRABILIS	\$0
2008	UNIVERSITY OF MICHIGAN	MI	R56AI044115	INTERACTIONS AND MECHANISMS OF FUNCTION OF THE TAP COMPLEX	\$0
2008	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$0
2008	UNIVERSITY OF MICHIGAN	MI	R56AI073677	IMMUNE REGULATION BY THYMOCYTE-SELECTED CD4 T CELLS	\$0
2008	WAYNE STATE UNIVERSITY	MI	R01AI043428	METAL BINDING DOMAINS IN METALLOREGULATORY PROTEINS	-\$175,000
2008	UNIVERSITY OF MICHIGAN	MI	R21AI079325	CHOLINE PHOSPHOTRANSFERASE-DEPENDENT PHOSPHOLIPID SYNTHESIS IN TREPONEMA	\$0
2008	WAYNE STATE UNIVERSITY	MI	R01AI058170	METALLOID TRANSPORTERS AND DRUG RESISTANCE IN LEISHMANIA	-\$81,000
2008	UNIVERSITY OF MINNESOTA	MN	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$0
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$0
2008	INDEPENDENT SCHOOL DISTRICT #535	MN	R03AI082704	BUILDING PARTNERSHIPS TO PROMOTE HEALTH IN LOW LITERACY POPULATIONS	\$0
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI062075	IDENTIFICATION OF NEW PLANT DEFENSE SIGNALING PATHWAYS	-\$45,804
2008	UNIVERSITY OF MINNESOTA	MN	R37AI028246	PATHOGENESIS OF HIV INDUCED IMMUNODEFICIENCY	\$0
2008	UNIVERSITY OF MINNESOTA	MN	U01AI070380	DEVELOPING EPICUTANEOUS VACCINE APPROACHES FOR PROTECTIVE IMMUNITY	\$0
2008	UNIVERSITY OF MINNESOTA	MN	F32AI066741	INDUCTION OF CYTOPROTECTION TO AVERT XENOGRAFT REJECTION	-\$47,347
2008	UNIVERSITY OF MINNESOTA	MN	U01AI065193	ADVANCING ISLET TRANSPLANTS FOR TYPE 1 DIABETES CARE	\$0
2008	UNIVERSITY OF MINNESOTA	MN	U01AI058013	LONG-TERM DETERIORATION OF KIDNEY ALLOGRAFT FUNCTION	\$0
2008	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	U01AI068641	INTERNATIONAL NETWORK FOR STRATEGIC INITIATIVES IN GLOBAL HIV TRIALS (INSIGHT)	\$0
2008	MAYO CLINIC	MN	R01AI067095	MUCOSAL HELPER-DEPENDENT ADENOVIRUS VACCINES AGAINST HIV-1	\$0
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	-\$212,028
2008	WASHINGTON UNIVERSITY	MO	U01AI070374	A DIAGNOSTIC MICROARRAY FOR HEMORRHAGIC FEVER ENCEPHALITIS VIRUSES	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$140,904

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2008	WASHINGTON UNIVERSITY	MO	R01AI065982	NOROVIRUS INFECTION OF DENDRITIC CELLS AND MACROPHAGES	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$0
2008	APATH, LLC	MO	U01AI075424	DEVELOPING SMALL MOLECULE THERAPEUTICS FOR WEST NILE VIRUS	\$0
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	-\$342,251
2008	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$0
2008	SAINT LOUIS UNIVERSITY	MO	R21AI067590	THE ROLE BH3 AND MULTI BH DOMAIN GENES IN REGULATING MONOCYTE SURVIVAL AND FUNCTI	-\$176,713
2008	WASHINGTON UNIVERSITY	MO	U01AI064655	RCT TO EVALUATE GUIDELINES FOR ACUTE RHINOSINUSITIS	\$0
2008	SAINT LOUIS UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	-\$136,269
2008	WASHINGTON UNIVERSITY	MO	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$0
2008	WASHINGTON UNIVERSITY	MO	R21AI071046	CHARACTERIZATION OF THE POLYCLONAL TCR REPERTOIRE IN TCR-BETA TRANSGENIC MICE	\$0
2008	WASHINGTON UNIVERSITY	MO	K08AI079010	TARGETING ISOPRENOID BIOSYNTHESIS IN PLASMODIUM FALCIPARUM	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI063299	YSRRS REGULON OF Y. ENTEROCOLITICA	-\$145,017
2008	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$0
2008	WASHINGTON UNIVERSITY	MO	K23AI065336	HIV, ENDOTHELIAL DYSFUNCTION, AND INSULIN RESISTANCE	\$0
2008	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$0
2008	MONTANA STATE UNIVERSITY	MT	R56AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$0
2008	MONTANA STATE UNIVERSITY	MT	R56AI055043	MECHANISMS OF PRION TRANSPORT	\$0
2008	MONTANA STATE UNIVERSITY	MT	R21AI076078	EQTL ANALYSIS OF TOXOPLASMA DEVELOPMENT	-\$174,741
2008	LIGOCYTE PHARMACEUTICALS INC	MT	R44AI043789	PRECLINICAL DEVELOPMENT OF LIGO-069-136, AN ANTI-INFLAMMATORY PULMONARY THERAPEUT	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064074	CLEARING PERSISTENTLY HIV-INFECTED CD4+ T LYMPHOCYTES	\$0
2008	GLOBAL VACCINES INC	NC	U01AI070976	A NOVEL SYSTEMIC AND MUCOSAL ADJUVANT FOR BIODEFENSE	\$0
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI042023	CONTROL OF PARAMYXOVIRUS RNA SYNTHESIS	\$0

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2008	DUKE UNIVERSITY	NC	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$27,495
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI076561	PSEUDOMONAS BIOFILMS AND PERSISTENCE	-\$63,300
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$0
2008	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$0
2008	DUKE UNIVERSITY	NC	R01AI047605	MECHANISMS OF ALLOGENEIC STEM CELL EDUCATION IN SCID	\$0
2008	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$0
2008	DUKE UNIVERSITY	NC	R01AI056123	IL-7 RECEPTOR SIGNALING IN LYMPHOPOIESIS	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	\$203,460
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI063299	YSRRS REGULON OF Y. ENTEROCOLITICA	\$138,166
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$0
2008	QUINTILES FEDERATED SERVICES INC	NC	U01AI069464	QUINTILES CLINICAL TRIAL UNIT FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076191	USE OF ALTERNATIVE SPLICING AND RAAV FOR LONGTERM CONTROL OF TRANSGENE EXPRESSION	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$0
2008	DUKE UNIVERSITY	NC	K24AI001833	TB CLINICAL RESEARCH: TRAINING THE NEXT GENERATION	-\$60,542
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI073245	DISSECTING THE ROLE OF IL-12 IN NAIVE CD8+ T CELL ACTIVATION BY DENDRITIC CELLS	-\$22,217
2008	ALPHAVAX HUMAN VACCINES INC	NC	U01AI078010	DOSE OPTIMIZATION, PRODUCTION & TOX TESTING OF REPLICON-VACCINES FOR SMALLPOX	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$305,518
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$0
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$0
2008	THE HAMNER INSTITUTES	NC	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	-\$300,908

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2008	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$0
2008	ATTAGENE INC	NC	U01AI061360	IDENTIFICATION OF TLR SIGNALING NETWORK	\$0
2008	APPLIED BIOSCIENCE INTERNATIONAL, PPD DEVELOPMENT	NC	U01AI067075	DATA COORDINATING CENTER FOR ORGAN TRANSPLANT CLINICAL *	\$0
2008	DUKE UNIVERSITY	NC	R21AI070247	FUNGAL-SPECIFIC DRUG TARGETS: STATIC VS. CIDAL STARVATION & TOXIC INTERMEDIATES	\$0
2008	SIRGA ADVANCED BIOPHARMA INC	NC	R43AI078674	HIGH THROUGH-PUT SCREENING OF SMALL MOLECULES TO TREAT DRUG RESISTANT HIV	\$0
2008	PARION SCIENCES	NC	RC1AI081297	NOVEL THERAPIES FOR ENHANCING CLEARANCE OF INHALED RADIOACTIVE PARTICLES	\$0
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI064325	MECHANISTIC INSIGHTS INTO B7 CO-STIMULATION	\$203,323
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI073174	CONTRIBUTION OF VH REPLACEMENT TO B CELL ANTI-HIV IMMUNE RESPONSE	\$156,324
2008	UNIVERSITY OF NEBRASKA, LINCOLN	NE	K08AI076609	ADAPTIVE IMMUNE RESPONSE TO SYMBIOTIC BACTERIA AS A MEDIATOR OF GUT HOMEOSTASIS	\$0
2008	DARTMOUTH COLLEGE	NH	R21AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$0
2008	PRINCETON UNIVERSITY	NJ	R56AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$0
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI076084	TRIAZOLE HYPERSENSITIVITY IN CANDIDA ALBICANS	\$125,605
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$0
2008	PRINCETON UNIVERSITY	NJ	R01AI058172	MOLECULAR FUNCTIONS OF THE ADENOVIRAL E1B 55 KDA PROTEIN	\$0
2008	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotoxin Diagnostics	\$0
2008	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI072334	NUCLEIC ACID DIPSTICK FOR RAPID AVIAN FLU DETECTION AT POINT-OF-CARE	\$0
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	K25AI060036	MEMBRANE ORGANIZATION IN CELL SIGNALING AND ADHESION	\$0
2008	NEW MEXICO STATE UNIVERSITY	NM	SC2AI081526	SYNTHETIC METHODS TOWARD ANTIMICROBIAL TERT-ALKYLAMINO CARBOCYCLES	\$0
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	F32AI074246	CHARACTERIZATION OF INNATE IMMUNE RESPONSE STIMULATION BY SIN NOMBRE VIRUS	-\$33,957
2008	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI041599	ANTIVIRAL AGENTS DIRECTED TO NOVEL TARGETS IN THE ADENOVIRUS PROTEINASE	\$22,583
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$0

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2008	SUNY COLLEGE, GENESEO	NY	R15AI074035	CYTOSINE DNA METHYLATION AND TRANSCRIPTIONAL REPRESSION IN AFRICAN TRYPANOSOMES	\$0
2008	UNIVERSITY OF ROCHESTER	NY	U19AI067733	CENTER FOR BIOPHYSICAL ASSESSMENT AND RISK MANAGEMENT FOLLOWING IRRADIATION	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007161	TRAINING PROGRAM IN MICROBIOLOGY FOR INFECTIOUS DISEASES	\$0
2008	CORNELL UNIVERSITY	NY	R01AI062995	EVOLUTIONARY GENOMICS OF ANTI-MALARIA GENES IN MOSQUITO	\$0
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$0
2008	TRUDEAU INSTITUTE	NY	R01AI072689	FUNCTION OF NALT IN NASAL IMMUNIZATION TO HETEROTYPIC STRAINS OF INFLUENZA	-\$295,680
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$0
2008	PROGENICS PHARMACEUTICALS, INC	NY	U19AI066329	HIV-1 THERAPY WITH CCR5 MAB PRO 140-OVERVIEW	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI070272	GENETIC CONTROL OF ENTRY INTO MEIOSIS IN YEAST	-\$367,503
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	\$291,412
2008	TRUDEAU INSTITUTE	NY	R56AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$0
2008	SIGA TECHNOLOGIES, INC	NY	R43AI079937	NOVEL SMALL MOLECULE INHIBITORS OF DENGUE REPLICATION	\$0
2008	TRUDEAU INSTITUTE	NY	R01AI063399	NAD AND CD38: MODULATORS OF INFLAMMATION AND IMMUNITY	-\$257,180
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI076335	DESIGN OF PEPTIDE ENTRY INHIBITORS AND DELIVERY SYSTEMS TO TARGET EMERGING HENIPA	\$0
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI057804	LARGE-SCALE ANALYSIS OF CANDIDA ALBICANS GENE FUNCTION	-\$559,323
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$0
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$0
2008	POPULATION COUNCIL, INC	NY	U19AI065412	ZCM: A NOVEL BROAD-SPECTRUM MICROBICIDE FOR STIS	\$0
2008	TRUDEAU INSTITUTE	NY	R21AI079537	MECHANISMS OF NON-NEUTRALIZING ANTIBODY-MEDIATED PROTECTION FROM INFLUENZA VIRUS	-\$199,430

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2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI073710	TRAFFICKING OF PROTEINS TO THE HERPES SIMPLEX TEGUMENT	\$0
2008	INNOVATIVE BIOTECHNOLOGIES INTERNATIONAL	NY	R43AI077025	SIMPLE AND RAPID ON-SITE MOLECULAR DETECTION OF MYCOBACTERIUM TUBERCULOSIS	\$0
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI076941	EFFECTS OF CARBON DIOXIDE ON M. TUBERCULOSIS GROWTH AND GENE EXPRESSION	\$0
2008	TRUDEAU INSTITUTE	NY	R01AI061511	GENERATION OF EFFECTIVE MEMORY CD8 T CELLS TO INFLUENZA	-\$123,200
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular & Molecular Defects in Human B Cell Development	\$0
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI061313	TARGETING FCRS ON DCS FOR AG-SPECIFIC TOLERANCE	-\$90,000
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	U01AI061193	IDENTIFYING INHIBITORS OF WEST NILE AND DENGUE VIRUSES	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069032	IMMUNIZATION AGAINST PSEUDOMONAS AERUGINOSA BY MODIFIED AD VECTORS	\$0
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI052148	THE PSP RESPONSE OF YERSINIA ENTEROCOLITICA	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI052417	REGULATION OF TNF RECEPTOR-MEDIATED APOPTOSIS	\$0
2008	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$0
2008	UNIVERSITY OF ROCHESTER	NY	R01AI063399	NAD AND CD38: MODULATORS OF INFLAMMATION AND IMMUNITY	\$257,180
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI070411	VIRAL ARRAYS FOR BIODEFENSE	\$0
2008	BIOMEDICAL MANAGEMENT CORPORATION	NY	R43AI080001	IMMUNOMODULATION OF SOPHOROLIPIDS IN SEPSIS	\$0
2008	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$0
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$0
2008	ROCKEFELLER UNIVERSITY	NY	R01AI040874	DENDRITIC CELLS AS ADJUVANTS FOR RESISTANCE TO HIV-1	\$0
2008	ROCKEFELLER UNIVERSITY	NY	K08AI054375	IMMUNE RESISTANCE TO GLIOMA VIA DENDRITIC CELLS	-\$130,464
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI061816	MOLECULAR MECHANISMS OF REGULATORY T CELL DEVELOPMENT	\$120,161
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI058113	MOLECULAR AND BIOLOGICAL CHARACTERIZATION OF PANDEMIC FLU	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI063594	Effects of inhibiting early inflammation in kidney transplant patients	\$0

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2008	UNIVERSITY OF ROCHESTER	NY	R21AI079537	MECHANISMS OF NON-NEUTRALIZING ANTIBODY-MEDIATED PROTECTION FROM INFLUENZA VIRUS	\$199,430
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI062623	CENTER FOR INVESTIGATING VIRAL IMMUNITY AND ANTAGONISM	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	\$0
2008	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R56AI069379	INNATE AND ADAPTIVE IMMUNE RESPONSE TO BACTERIAL INFECTIONS IN COPD PATIENTS	\$0
2008	UNIVERSITY OF ROCHESTER	NY	R01AI072689	FUNCTION OF NALT IN NASAL IMMUNIZATION TO HETEROTYPIC STRAINS OF INFLUENZA	\$295,680
2008	UNIVERSITY OF ROCHESTER	NY	R01AI068056	GENERATION AND MAINTENANCE OF INFLUENZA-SPECIFIC PLASMA AND MEMORY B CELLS	\$100,100
2008	UNIVERSITY OF ROCHESTER	NY	R01AI061511	GENERATION OF EFFECTIVE MEMORY CD8 T CELLS TO INFLUENZA	\$123,200
2008	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$0
2008	SUNY, STONY BROOK	NY	U01AI070383	CHEMOTHERAPEUTICS AGAINST MULTI-DRUG RESISTANT TUBERCULOSIS	\$0
2008	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$0
2008	MERCIA PHARMA INC	NY	R41AI074114	THERAPEUTIC VACCINE FOR ASTHMA	\$0
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R56AI029690	ABERRANT SIGNALING IN B-1 CELLS	\$0
2008	TRUDEAU INSTITUTE	NY	R01AI068056	GENERATION AND MAINTENANCE OF INFLUENZA-SPECIFIC PLASMA AND MEMORY B CELLS	-\$100,100
2008	ROCKEFELLER UNIVERSITY	NY	R01AI035875	FCR DEFICIENT MICE SUSCEPTIBILITY TO PATHOGENS	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045899	CYTOKINE PRODUCTION IN PHAGOCYTOSIS OF APOPTOTIC CELLS	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$0
2008	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070469	LIVE ATTENUATED VACCINES FOR EPIDEMIC AND PANDEMIC FLU	\$0
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI075470	MULTIPLEXED DETECTION OF FOOD AND WATERBORNE PATHOGENS	\$0

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2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	-\$265,834
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$176,154
2008	RHEONIX INC	NY	R43AI077025	SIMPLE AND RAPID ON-SITE MOLECULAR DETECTION OF MYCOBACTERIUM TUBERCULOSIS	\$99,975
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$0
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$0
2008	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$102,400
2008	POPULATION COUNCIL, INC	NY	U01AI066735	PARTNERSHIP FOR DEVELOPING BROAD-SPECTRUM MICROBICIDES	\$0
2008	INSTITUTE FOR RESEARCH IN BIOMEDICINE	NY	R01AI059159	CYCLOPHILIN A FUNCTION IN THE IMMUNE SYSTEM	-\$131,085
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$979,210
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI071879	DEVELOPING HIV-1 NEF AS A NOVEL DRUG TARGET	-\$46,323
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI051340	IRES-mediated translation initiation on viral mRNAs	\$0
2008	Research Institute at Nationwide's Children's Hospital	OH	U19AI048231	HCV REPLICATION AND IMMUNITY	\$0
2008	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$0
2008	UNIVERSITY OF CINCINNATI	OH	R01AI066261	GENDER-SPECIFIC ROLE OF P202 IN LUPUS SUSCEPTIBILITY	\$0
2008	BRIGHTON TECHNOLOGIES GROUP INC	OH	R44AI063919	ANTIMICROBIAL NANOCOATING	\$0
2008	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$9,489
2008	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI065717	MASS DRUG TREATMENT AND VECTOR CONTROL OF FILARIASIS	\$0
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI076199	THE UTILITY OF INTERFERON-GAMMA RELEASE ASSAYS IN TB-HIV CO-INFECTED CHILDREN	\$0
2008	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$0
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	-\$139,500
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R03AI076561	PSEUDOMONAS BIOFILMS AND PERSISTENCE	\$64,151
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079852	NEW SHIV R5 ENV'S (BASED ON ALL SUBTYPES) FOR EFFECTIVE MICROBICIDE TESTING IN MA	\$4,710
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$0

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2008	UNIVERSITY OF CINCINNATI	OH	F31AI064121	ROLE OF CASPASES IN ASPERGILLUS FUMIGATUS	-\$7,444
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI070716	ANTIVIRAL ACTIVITY OF LEFLUNOMIDE AGAINST RESPIRATORY SYNCYTIAL VIRUS	\$0
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI051388	AAV VECTOR TARGETING STRATEGIES FOR GENE THERAPY	\$0
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI067417	Molecular Modulation of HBV Capsid Assembly	-\$233,403
2008	OKLAHOMA STATE UNIV, CENTER FOR HEALTH SCIENCES	OK	R21AI073107	PGE2 BIOSYNTHESIS IN CANDIDA ALBICANS	\$0
2008	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R56AI052293	TRANSPORT ACROSS TWO MEMBRANES BY ACRA-B-TOLC COMPLEX	\$0
2008	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI048945	GROWTH AND COLONIZATION OF THE INTESTINE BY E. COLI	\$0
2008	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R13AI079917	VETERINARY COMPARATIVE RESPIRATORY SOCIETY 2008 SYMPOSIUM	\$0
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$0
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$0
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	F32AI069784	SPECIFIC INTERACTIONS OF RAG-RSS IN V(D)J RECOMBINATION	-\$26,055
2008	OREGON STATE UNIVERSITY	OR	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$0
2008	OREGON STATE UNIVERSITY	OR	R21AI079564	EVALUATION OF EFFICACY OF A POLYHERBAL (BASANT) ANTI-HIV VAGINAL MICROBICIDE IN H	\$0
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067710	IMMUNE RECONSTITUTION TO ASPERGILLUS	-\$257,500
2008	NAJIT TECHNOLOGIES INC	OR	R43AI063675	RAPID DIAGNOSIS OF MONKEYPOX AND SMALLPOX INFECTIONS	\$0
2008	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$0
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$34,114
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067105	DRUG DEVELOPMENT FOR VIF-APOBEC3G IN HIV-1/AIDS	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$2,318
2008	DREXEL UNIVERSITY	PA	R01AI055590	STUDIES ON NIKD, A NIKKOMYCIN BIOSYNTHETIC ENZYME	\$0
2008	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$0
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI062468	ENGINEERING PRIMARY T CELLS FOR RESISTANCE TO HIV-1	-\$86,525

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2008	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$0
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$0
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R21AI079762	THE ROLE OF NUCLEAR WASP IN THE TRANSCRIPTIONAL REGULATION OF TH1 DIFFERENTIATION	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI043620	MOLECULAR AND CELLULAR REGULATION OF TOLERANCE	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI072943	ROLE OF THE INTESTINAL EPITHELIUM IN IMMUNITY	\$0
2008	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI068633	MICROBICIDE TRIALS NETWORK	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI076677	DIAGNOSING ACUTE BACTERIAL SINUSITIS IN CHILDREN AND MEASURING TREATMENT RESPONSE	\$0
2008	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$0
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI053531	PICORNAVIRUS GENOME REPLICATION	\$0
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R00AI075106	NOVEL IL-17 PRODUCING MEMORY CELLS ARE KEY TO VACCINE-BASED IMMUNITY IN THE LUNG	\$0
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	K08AI063101	TNF AND GRANULOMA FORMATION IN TUBERCULOSIS	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$0
2008	WISTAR INSTITUTE	PA	U01AI065279	ANTIVIRAL ACTIVITY OF PEG-IFN ALPHA IN CHRONIC HIV-1	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$0
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R01AI073895	PREDICTORS FOR DRUG SELECTION AND MINIMIZATION IN PEDIATRIC LIVER TRANSPLANTATION	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071774	VAGINAL IMMUNITY AFTER INTRANASAL LISTERIA VACCINATION	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI080144	TOOLS FOR HIV-1 INHIBITION ANTAGONISTS FOR THE CCR5 RECOGNITION SITE ON GP 120	\$0
2008	IMMUNOME INC	PA	R43AI079999	A HETEROPOLYMER ANTIBODY FOR TREATMENT OF SEROTYPE B BONT	\$0
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI073955	Eosinophils and Allergic Airway Responses	\$4,862
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073328	ROLE OF PET ANIMALS AS RESERVOIRS FOR MRSA IN HOUSEHOLDS	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$0

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2008	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI066734	APTAMER MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI068642	THROMBOREGULATION TO PREVENT THROMBOTIC MICROANGIOPATHY	\$0
2008	WISTAR INSTITUTE	PA	R56AI041136	EARLY INTERACTIONS OF DNA VIRUSES AND HOST	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI076256	ALTERNATIVE STRATEGIES FOR ADULT PNEUMOCOCCAL VACCINATION	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032592	DEVELOPMENTAL B CELL TOLERANCE AND NEGATIVE SELECTION	\$0
2008	CARNEGIE-MELLON UNIVERSITY	PA	R01AI070272	GENETIC CONTROL OF ENTRY INTO MEIOSIS IN YEAST	\$369,704
2008	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$0
2008	VITAL PROBES INC	PA	R43AI075921	DEVELOPMENT OF A BACTERIAL GHOST DNA VACCINE FOR INFLUENZA USING ANTIBODY EPITOPE	\$0
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R56AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$0
2008	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$0
2008	CARNEGIE-MELLON UNIVERSITY	PA	R01AI057804	LARGE-SCALE ANALYSIS OF CANDIDA ALBICANS GENE FUNCTION	\$506,261
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI072008	PACKAGING OF EBOLA VIRUS RNA INTO BUDDING VLPS	\$0
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$633,319
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI065430	CV-N SECRETING LACTOBACILLI AND RETROCYCLIN MICROBICIDES	\$0
2008	TEMPLE UNIVERSITY	PA	T32AI007101	TRAINING PROGRAMS IN MICROBIOLOGY AND IMMUNOLOGY	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI070369	THERAPEUTICS TARGETING CATHEPSIN-ACTIVATED VIRAL ENTRY	\$0
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI075194	STREPTOCOCCUS PNEUMONIAE GENETIC COMPETENCE AND PATHOGENESIS	\$0
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R56AI073215	MECHANISMS OF GENE REGULATION BY EBV EBNA-1 PROTEIN	\$0
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$0
2008	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	U19AI048241	ACTIVE IMMUNE THERAPY AND HAART FOR HIV-1 INFECTION	\$0
2008	UNIVERSITY OF PITTSBURGH	PA	RC1AI081284	NOVEL CUTANEOUS RADIATION INJURY COUNTERMEASURES	\$0
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI078387	SIGNAL INITIATION FROM THE T-CELL ANTIGEN RECEPTOR BY MECHANICAL FORCE	\$0
2008	UNIVERSITY OF PENNSYLVANIA	PA	R56AI076257	INITIATION OF IMMUNE RESPONSES IN CHRONIC LEISHMANIASIS	\$0
2008	EPIVAX, INC	RI	R21AI078800	OPTIMIZATION OF HIV VACCINE SUBUNIT DELIVERY	-\$15,600
2008	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$0
2008	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$0
2008	RHODE ISLAND HOSPITAL	RI	U19AI070202	SIRNA MICROBICIDES	\$0
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$0
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$0
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI070373	THERAPEUTIC MONOCLONAL ANTIBODIES TO H5N1 INFLUENZA	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042929	CRYO-EM STRUCTURAL STUDIES OF ADENOVIRUS CELL ENTRY	\$0
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	\$107,612
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI060729	STAGE-SPECIFIC SIGNALING IN PERIPHERAL B CELL SELECTION	-\$50,000
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI061223	METABOLIC DISCRIMINATION OF UNKNOWN BACTERIAL PATHOGENS	\$0
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI054830	COMBATting QUINOLONE ANTIMICROBIAL RESISTANCE	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$0

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2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$5,296
2008	LYNNTECH, INC	TX	R43AI078591	A NOVEL METHOD TO GENERATE ANTIMICROBIAL FEATURES ON FABRICS	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066160	ELUCIDATING THE MECHANISM OF NOVEL DENGUE ANTIVIRALS	\$0
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI065796	STUDIES OF GERMINAL CENTER B CELL SURVIVAL	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054583	TULAREMIA AND THE HUMAN INNATE IMMUNE RESPONSE	\$0
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	-\$166,893
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI077077	DENDRITIC CELL TARGETING ENHANCES FLAVIVIRUS VACCINE EFFICACY	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI065396	COMPUTATIONAL AND STRUCTURAL BIOLOGY IN BIODEFENSE	\$0
2008	NANORELEASE TECHNOLOGIES LLC	TX	R41AI068252	ENCAPSULATED VACCINES AGAINST SELECT AGENTS	\$0
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI076809	BACTERIOLYTIC PHAGE ENZYMES AS NOVEL ANTIBACTERIALS AGAINST YERSINIA PESTIS	\$35,063
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI079674	DECISIONS TO TAKE PART IN RESEARCH: UNDERSERVED MINORITIES, HIV AND DRUG USE	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$0
2008	LYNNTECH, INC	TX	R43AI069570	SINGLE STEP SURFACE MODIFICATION OF NONFLUORINATED POLYMERS FOR INFECTION CONTROL	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$151,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI034432	POLYAMINE AND GLUTATHIONE METABOLISM IN TRYPANOSOMES.	\$0
2008	BAYLOR COLLEGE OF MEDICINE	TX	K08AI064564	ANALYSIS OF GROUP A STREPTOCOCCUS-SALIVA INTERACTION	-\$123,120
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI068622	SPECIES-SPECIFIC IFN-A/B-DEPENDENT TH1 DEVELOPMENT	-\$3,866
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062453	DETERMINING WHETHER TRANSIENT HIV INFECTION OCCURS	\$0
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI073389	EPIDEMIC CHIKUNGUNYA VIRUS: MOSQUITO INFECTION DETERMINANTS	\$0

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2008	NORWELL INC	TX	R43AI071634	DEVELOPMENT, PRODUCTION AND EVALUATION OF A MULTIVALENT ADENOVIRAL PLAGUE VACCINE	\$0
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI074789	SERINE PROTEINASE INHIBITORS (SERPINS) IN TICK FEEDING AND PHYSIOLOGY	\$0
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI066197	RNAI VECTOR DEILVERY TO INHIBIT JE/WN ENCEPHALITIS	\$0
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$0
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$0
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	K08AI064564	ANALYSIS OF GROUP A STREPTOCOCCUS-SALIVA INTERACTION	\$123,120
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069171	ROLE OF THE ENDOTHELIUM IN THE T CELL-MEDIATED ANTI-RICKETTSIAL IMMUNE RESPONSE	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076849	CHARACTERIZATION OF CCR5-LIKE MOLECULES IN LEISHMANIA	\$0
2008	TEXAS TECH UNIVERSITY	TX	R15AI076909	ROLES OF PLASMEYLETHANOLAMINE BIOSYNTHESIS IN LEISHMANIA VIRULENCE	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI072201	INFLAMMATORY RESPONSE AND SARS PATHOGENESIS: AN IN VITRO MODEL	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$0
2008	BAYLOR COLLEGE OF MEDICINE	TX	U19AI070973	INNATE IMMUNITY IN ALLERGIC AIRWAY INFLAMMATION OF ASTHMA	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPJ	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071145	PROTECTIVE GLYCOPEPTIDE IMMUNODETERMINANTS OF EHRlichia CHAFFEENSIS	\$0
2008	SOUTHERN METHODIST UNIVERSITY	TX	R01AI051531	TRACK REGULATES CYTOKINESIS IN TRYPANOSOMA BRUCEI	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI031431	EHRlichia CHAFFEENSIS PROTECTIVE PROTEINS	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072493	ANALYSIS OF SARS CORONAVIRUS-HOST CELL INTERACTIONS	\$0
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI050761	SIGNAL TRANSDUCTION AND CYTOKINE GENE REGULATION BY GRAIL	\$0
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$0

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2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI070207	The Molecular Basis of VEEV Pathogenesis	-\$161,259
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	-\$215,930
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062735	TICK POLARIZED T-CELL RESPONSES AND BORRELIA INFECTION	\$161,364
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069270	EHRlichia GLYCOPROTEIN MODULATION OF MACROPHAGE GENE EXPRESSION	\$0
2008	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$0
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$0
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI068774	FRANCISCELLA TULARENSIS: CHARACTERIZING LUNG INNATE IMMUNITY	\$0
2008	UNIVERSITY OF UTAH	UT	R01AI074066	AMPHIPHATHIC ORAL CHELATORS AND RADIONUCLIDE CONTAMINATION	\$0
2008	UNIVERSITY OF UTAH	UT	F32AI070075	VPS4 MECHANISM AND FUNCTION IN HIV BUDDING	-\$6,966
2008	UNIVERSITY OF UTAH	UT	U01AI057565	HYPERPHENYLALANINEMIA IN CEREBRAL MALARIA	\$0
2008	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$0
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI073615	ABILITY OF CMV VACCINES TO INDUCE ANTIBODIES THAT BLOCK ENDOCYTIC ENTRY	\$0
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	-\$246,800
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	K18AI073442	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO MAST CELLS AAND BASOPHILS	-\$112,788
2008	GEORGE WASHINGTON UNIVERSITY	VA	U01AI069503	CPCRA CLINICAL TRIALS UNIT	\$0
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI069388	THE ROLE OF STAT1 IN MITOCHONDRIA	\$0
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI072773	TRANSDUCTION OF SCHISTOSOMA MANSONI BY PSEUDOTYPED RETROVIRUS	\$0
2008	UNIVERSITY OF VIRGINIA	VA	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	-\$130,923
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$0
2008	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$0

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2008	UNIVERSITY OF VIRGINIA	VA	U01AI075520	NITROTHIAZOLIDES:BROAD-SPECTRUM CATEGORY B ANTI-PARASITIC/BACTERIAL THERAPEUTICS	\$0
2008	UNIVERSITY OF VIRGINIA	VA	R21AI079906	CD103+ DENDRITIC CELLS AND REGULATORY T CELLS IN FOOD ALLERGY	\$0
2008	UNIVERSITY OF VERMONT	VT	R56AI051454	P38 MAP KINASE IN EARLY THYMOCYTE DEVELOPMENT	\$0
2008	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068615	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; MICROBICIDE TRIALS NETWORK	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068617	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV PREVENTION TRIALS NETWORK	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R01AI061816	MOLECULAR MECHANISMS OF REGULATORY T CELL DEVELOPMENT	-\$72,171
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068635	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV VACCINE TRIALS NETWORK	\$0
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI069057	MITOCHONDRIAL FUNCTION IN BLOODSTREAM TRYPANOSOMA BRUCEI	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R21AI067444	THE YERSINIA INSECTICIDAL TOXIN COMPLEX	\$0
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068614	LEADERSHIP GROUP FOR A GLOBAL HIV VACCINE CLINICAL TRIALS NETWORK	\$0
2008	UNIVERSITY OF WASHINGTON	WA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	-\$107,551
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068618	HVTN LABORATORY PROGRAM	\$0
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F31AI075722	ANALYSIS OF KREPB7-AN INSERTION ENDONUCLEASE-ASSOCIATED ZINC FINGER PROTEIN	-\$38,049
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI079734	SHWACHMAN-DIAMOND SYNDROME INTERNATIONAL REGISTRY AND REPOSITORY	\$0
2008	UNIVERSITY OF WASHINGTON	WA	P01AI067921	MEDICAL STRUCTURAL GENOMICS OF PATHOGENIC PROTOZOA (MSGPP)	\$0
2008	MDRNA INC	WA	R01AI069273	DEVELOPMENT OF SIRNAS TO PREVENT AND TREAT INFLUENZA INFECTION	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R01AI059575	HETEROGENEITY OF MEDULLARY THYMIC EPITHELIUM	\$0
2008	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular characterization of the role for T-bet and Bcl-6 in immune cell metabolism and differentiation	\$0
2008	UNIVERSITY OF WASHINGTON	WA	K01AI079270	HPV INFECTIONS IN OLDER WOMEN	\$0
2008	UNIVERSITY OF WASHINGTON	WA	U19AI031448	UNIVERSITY OF WASHINGTON STI-TM COOPERATIVE RESEARCH CENTER	\$0
2008	KINETA INC	WA	R43AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$0

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2008	UNIVERSITY OF WASHINGTON	WA	R21AI079778	MOLECULAR MECHANISMS OF MYELOKATHEXIS	\$0
2008	WASHINGTON STATE UNIVERSITY	WA	R01AI044005	ANTIGENIC VARIATION IN MICROBIAL TRANSMISSION	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI044386	MOLECULAR MECHANISMS OF INFLUENZA PANDEMICS	\$0
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$0
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI059505	MOLECULAR ANALYSIS FO BORRELIA P66-INTEGRIN BINDING	\$0
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI078713	DISSECTION OF CELLULAR INTERACTIONS WITH INTEGRATED FUNCTIONAL GENOMICS IN COMPLE	\$0
2008	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	U19AI062627	ROBUST T-CELL IMMUNITY TO INFLUENZA IN HUMAN POPULATIONS	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI074940	FUNCTIONS OF NKT CELL AUTOREACTIVITY	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$0
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$0
2007	SHEFFIELD UNIVERSITY		R21AI060713	NOVEL PROTEIN ADJUVANT	\$0
2007	AVECIA BIOLOGICS, LTD		UC1AI067223	IMPROVED ANTHRAX VACCINE STABILITY & USE OF ADJUVANTS	\$0
2007	UNIVERSITY OF MELBOURNE		U01AI052337	APPROPRIATE PNEUMOCOCCAL VACCINATION IN INFANTS IN FIJI	\$0
2007	INST FOR VIRAL DISEASE CONTROL/PREVENT		R03AI062276	A STUDY OF PILOT HIV VCT IN HIGH RISK WOMEN IN CHINA	\$0
2007	FUDAN UNIVERSITY		R01AI075463	SOCIAL AND BIOMEDICAL RISK FACTORS FOR MULTI-DRUG RESISTANT TB IN RURAL CHINA	\$0
2007	UNIVERSITE CHEIKH ANTA DIOP DE DAKAR		U01AI052734	ANTI-HIV THERAPY IN SENEGAL, WEST AFRICA	\$0
2007	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		U01AI060579	GLOBAL GAS VACCINE BASED ON THE M-PROTEIN	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI028147	NOVEL VLP-BASED MUCOSAL AND SYTEMIC HIV VACCINES	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058033	TINIDAZOLE FOR THE TREATMENT OF BACTERIAL VAGINOSIS	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R13AI044401	RECENT ADVANCES IN AIDS AND HIV RESEARCH	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050537	INTERACTION OF SINDBIS VIRUS WITH CELLULAR PROCESSES	\$78,402

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2007	SOUTHERN RESEARCH INSTITUTE	AL	R01AI063187	CHOLERA PATHOGENESIS, MUCINASE ACTIVITY AND MOTILITY	\$100,060
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI069363	BLYS AND IFN RESPONSES TO ANTIGEN CHALLENGE IN HUMAN SLE	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI032775	ADULT AIDS CLINICAL TRIALS GROUP	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI048562	TRANSFECTION AND ANALYSIS OF TRANSCRIPTION IN B. MALAYI	\$61,187
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI054889	MICROBIAL CONTROL OF IMMATURE ANOPHELES MOSQUITOES	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U19AI056542	UAB AUTOIMMUNITY CENTER FOR EXCELLENCE	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	\$38,877
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049537	CMV VACCINES: REINFECTION AND ANTIGENIC VARIATION	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$0
2007	SOUTHERN RESEARCH INSTITUTE	AL	R21AI070758	INVESTIGATION OF INFLUENZA VIRULENCE MEDIATED BY THE NS1A PROTEIN	\$0
2007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$0
2007	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI052373	ANIMAL MODELS TO DESIGN & EVALUATE IMPROVED VZV VACCINES	\$0
2007	ARIZONA STATE UNIVERSITY	AZ	R01AI053704	MOLECULAR ANALYSIS OF CORONAVIRUS ASSEMBLY	\$0
2007	NORTHERN ARIZONA UNIVERSITY	AZ	R21AI065350	"TOXOPLASMA GONDII: NEURO-INTESTINAL INTERACTIONS"	\$0
2007	UNIVERSITY OF ARIZONA	AZ	R56AI064432	INHIBITION OF THE DSRNA RESPONSE BY PICORNAVIRUSES	\$126,516
2007	ARIZONA STATE UNIVERSITY	AZ	U01AI057303	DEVELOPMENT OF A SAFER SMALLPOX VACCINE	\$0
2007	NORTHERN ARIZONA UNIVERSITY	AZ	R15AI075333	EXTREME HALOPHILES: A POTENTIAL RESERVOIR OF NEW ANTIBIOTICS	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053731	CLINICAL SUSPICION OF TB: A TECHNOLOGY ASSESSMENT TOOL	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K24AI056933	Optimizing Antiretroviral Therapy in HIV	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052748	SOLID ORGAN TRANSPLANTATION IN HIV: MULTI-SITE STUDY	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI062800	A GENETIC APPROACH TO VIRULENCE IN C. ALBICANS	\$0
2007	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055332	ANTIBODY EFFECTOR FUNCTION IN PROTECTION AGAINST HIV-1	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$0
2007	CHEMOKINE PHARMACEUTICAL INC	CA	R43AI068383	NEW THERAPUTICS FOR GRAFT-VERSUS-HOST DISEASE	\$0
2007	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI032248	IMMUNOPATHOLOGY OF TUBAL INFERTILITY	\$0
2007	UNIVERSITY OF CALIFORNIA	CA	R01AI056924	COMBINATORIAL CHEMISTRY FOR HIV ENTRY INHIBITORS	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007334	Molecular and Cellular Immunology	\$0
2007	ANZA THERAPEUTICS INC	CA	U01AI070834	DEVELOPMENT OF LISTERIA-BASED CLINICAL CONSENSUS HCV VACCINE CANDIDATES	\$0
2007	SCRIPPS RESEARCH INSTITUTE	CA	F33AI071535	CELLULAR IMMUNOLOGY OF ENTEROVIRUS INFECTION	-\$35,169
2007	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052351	FUNCTIONAL ANALYSES OF ANTIVIRAL CD4+ T CELL RESPONSES	\$0
2007	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI066200	CELLULAR TRAFFICKING TO INFLAMED FEMALE GENITAL MUCOSA	\$0
2007	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI065643	LYMPHOID TYROSINE PHOSPHATASE AND TYPE I DIABETES	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI043864	THYMIC FUNCTION IN ADULTS WITH HIV-1 DISEASE	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI052348	BIOCHEMICAL AND FUNCTIONAL ANALYSIS OF TRYPANIN	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI040085	Mechanism of enterovirus replication	\$0
2007	OSEL, INC	CA	U19AI060615	LACTOBACILLI AS A DELIVERY VEHICLE FOR MICROBICIDES	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI069836	SELF-LIGAND DEPRIVATION AS A STRATEGY TO INDUCE TOLERANCE	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042819	Anti-MHC Effects on Endothelium	\$0
2007	SCRIPPS RESEARCH INSTITUTE	CA	R01AI024838	REGULATION OF SUPEROXIDE PRODUCTION BY HUMAN NEUTROPHILS	\$0
2007	SCRIPPS RESEARCH INSTITUTE	CA	P01AI056013	MULTIVALENT DISPLAY OF ANTHRAX TOXIN INHIBITORS	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI051996	HIV REPLICATION AND THYMOPOIESIS IN ADOLESCENTS	\$0
2007	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$0
2007	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	RC1AI078516	ENDOGENOUS SPHINGOSINE-1-PHOSPHATE AS A RADIOPROTECTOR OF INTESTINAL TISSUES	\$0
2007	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	U01AI070350	STABLE MICRONIZED VACCINES AGAINST SMALLPOX AND JAPANESE ENCEPHALITIS	\$0

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2007	SCRIPPS RESEARCH INSTITUTE	CA	R01AI042314	COXSACKIE MYOCARDITIS AND VIRAL PERSISTENCE IN THE HEART	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI015251	ALLERGY THERAPY WITH CHIMERIC HUMAN IG PROTEINS	\$0
2007	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI021256	IMMUNOBIOLOGY OF B CELL DIFFERENTIATION	\$0
2007	STANFORD UNIVERSITY	CA	U01AI055795	NEW NAPRTCS TRIALS IN STEROID-FREE IMMUNOSUPPRESSION	\$0
2007	STANFORD UNIVERSITY	CA	R21AI068899	DEVELOPING TOOLS TO STUDY ENCYSTATION IN ENTAMOEBA HISTOLYTICA	\$0
2007	MAXYGEN INC	CA	R43AI068248	VACCINES FOR EASTERN AND WESTERN EQUINE ENCEPHALITIS VIRUSES	\$0
2007	LAWRENCE BERKELEY LABORATORY	CA	U01AI070434	DISCOVERY OF SIGNATURE SNPS TO DISTINGUISH FRANCISELLA STRAINS BY ARRAYS	\$0
2007	REGENTS, UNIVERSITY OF CALIFORNIA	CA	U01AI054778	HIGHLY IMPROVED BACTERIAL LARVICIDES FOR VECTOR CONTROL	\$0
2007	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI020611	Interferon Action and Protein Phosphorylation	\$0
2007	STANFORD UNIVERSITY	CA	R01AI053706	VIBRIO CHOLERAEE COLONIZATION OF CHITIN SURFACES	\$0
2007	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI065242	INTERFERON STIMULATED GENES WITH ANTIVIRAL PROPERTIES TO HIV-1	\$0
2007	STANFORD UNIVERSITY	CA	K08AI061105	IDENT/CHARACTERIZATION OF M.TUBERCULOSIS LATE GENES	\$0
2007	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	P30AI054907	U OF COLORADO CENTER FOR AIDS RESEARCH	\$0
2007	UNIVERSITY OF COLORADO DENVER	CO	P01AI055356	IMMUNOPATHOGENESIS OF ACUTE HIV-1 INFECTION	\$0
2007	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI058228	DEFECTIVE PS EXPOSURE IN NEUTROPHIL APOPTOSIS IN CGD	\$0
2007	UNIVERSITY OF COLORADO DENVER	CO	R21AI070304	COMPLEMENT RECEPTOR 2 AS A BIOMARKER FOR SYSTEMIC LUPUS ERYTHEMATOSUS	\$0
2007	UNIVERSITY OF COLORADO DENVER	CO	R01AI052441	CR2 AS A MURINE LUPUS SUSCEPTIBILITY GENE	\$0
2007	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$0
2007	COLORADO STATE UNIVERSITY	CO	R01AI063054	MODE OF ACTION OF THIORCARLIDE IN MYCOBACTERIUM TUBERCULOSIS	\$0
2007	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	U19AI046374	DENVER AUTOIMMUNITY CENTER OF EXCELLENCE	\$0
2007	YALE UNIVERSITY	CT	K99AI072955	CELLULAR AND MOLECULAR ASPECTS OF TOLL-LIKE RECEPTOR SIGNAL TRANSDUCTION.	\$0
2007	YALE UNIVERSITY	CT	R01AI042310	MIF and the Host Response to Infection	\$0
2007	YALE UNIVERSITY	CT	R01AI026109	MOLECULAR GENETICS OF PARVOVIRAL DNA REPLICATION	\$0

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2007	UNIVERSITY OF CONNECTICUT	CT	R01AI054839	CALCIUM AND CYTOTOXIC T LYMPHOCYTES	\$0
2007	YALE UNIVERSITY	CT	R01AI041040	PERINATAL RISK OF ASTHMA IN INFANTS OF ASTHMATIC MOTHERS	\$0
2007	NATIONAL ALLIANCE FOR HISPANIC HEALTH (THE)	DC	R25AI063988	PROYECTO CIENCIA NIAID HISPANIC OUTREACH INITIATIVE	\$0
2007	CATHOLIC UNIVERSITY OF AMERICA	DC	U01AI056443	A MULTICOMPONENT ANTHRAX VACCINE USING PHAGE T4 DISPLAY	\$0
2007	CHILDREN'S RESEARCH INSTITUTE	DC	K08AI052261	APOPTOTIC SIGNALING IN VIRAL MYOCARDITIS	\$0
2007	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	-\$38,877
2007	FLORIDA ATLANTIC UNIVERSITY	FL	R01AI052820	REGULATION OF HIV-1 RNA PROCESSING	\$0
2007	UNIVERSITY OF FLORIDA	FL	R01AI018094	VACCINIA VIRUS BIOCHEMICAL GENETICS	\$0
2007	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI048562	TRANSFECTION AND ANALYSIS OF TRANSCRIPTION IN B. MALAYI	-\$61,188
2007	EMORY UNIVERSITY	GA	R01AI055994	PLASMODIUM VIVAX MSP-3 AND MSP-9 AS VACCINE IMMUNOGENES	\$0
2007	MOREHOUSE SCHOOL OF MEDICINE	GA	R01AI063187	CHOLERA PATHOGENESIS, MUCINASE ACTIVITY AND MOTILITY	-\$100,061
2007	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI069081	EXTRACELLULAR PROTEINS IN VIRULENCE OF B. (PSEUDO)MALLEI	\$0
2007	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055624	Cuticular proteins of Anopheles gambiae	\$0
2007	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI070933	REGULATING MICROBIAL BIOFILM FORMATION: A NOVEL PROKARYOTIC MULTI-PROTEIN COMPLEX	\$0
2007	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI068467	THE ISOPRENOID PATHWAY FROM TOXOPLASMA GONDII	\$0
2007	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI048088	Regulation of West Nile virus replication.	\$0
2007	EMORY UNIVERSITY	GA	R01AI055996	POX VIRUS IMMUNOLOGY AND VACCINE DEVELOPMENT	\$0
2007	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI051219	HIV/TB IN UGANDA: PUNCTUATED ANTIRETROVIRAL THERAPY	\$646,764
2007	UNIVERSITY OF IOWA	IA	R21AI068111	IMPACT OF LEEP ON CERVICAL LENGTH AND SECRETIONS	\$0
2007	UNIVERSITY OF IOWA	IA	P01AI044642	Innate immune response to microbial infection	\$0
2007	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$0
2007	UNIVERSITY OF IDAHO	ID	R56AI064432	INHIBITION OF THE DSRNA RESPONSE BY PICORNAVIRUSES	-\$122,973
2007	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI040176	CHEMOATTRACTANT REGULATION OF LEUKOCYTE GENE EXPRESSION	\$0

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2007	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$0
2007	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI060030	MOLECULAR DISSECTION OF THE CORONAVIRUS SPIKE	\$0
2007	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI055060	PROTEIN TARGETS OF OVARIAN AND OOCYTE AUTOANTIBODIES	\$0
2007	PURDUE UNIVERSITY	IN	R01AI042768	POPULATION STRUCTURE OF SCHISTOSOMES AND HOST SNAILS	\$0
2007	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI025859	ADULT AIDS CLINICAL TRIALS UNIT	\$0
2007	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI049589	MHC CLASS II-RESTRICTED CYTOPLASMIC ANTIGEN PRESENTATION	\$0
2007	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI054785	HYDROPHOBIC POLYAMINE AMIDES AS ANTI-ENDOTOXIN AGENTS	\$0
2007	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$0
2007	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI051677	IL-17 AND KLEBSIELLA PNEUMONIA	\$0
2007	TUFTS UNIVERSITY	MA	R01AI055058	Study of transmissible forms of Vibrio Cholerae	\$0
2007	DANA-FARBER CANCER INSTITUTE	MA	R01AI054520	Structural Determinants of TCR Assembly and Signaling	\$0
2007	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI051164	METHODS TO ADVANCE THE HIV PREVENTION RESEARCH AGENDA	\$0
2007	TUFTS UNIVERSITY	MA	R01AI041326	SPECIFIC HUMAN MONOCLONAL ANTIBODIES FOR HUS PROPHYLAXIS	\$0
2007	DANA-FARBER CANCER INSTITUTE	MA	U19AI057330	PROTECTIVE ORTHOPOX IMMUNIZATION IN NORMALS AND PATIENTS WITH CANCER OR ECZEMA	\$0
2007	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R34AI073369	RANDOMIZED TRIAL OF HIGH-DOSE RIFAMPIN IN PATIENTS WITH NEW, SMEAR-POSITIVE TB	\$0
2007	FIRST LIGHT BIOSCIENCES INC	MA	R44AI055195	RAPID, ACCURATE AND USER-FRIENDLY CLINICAL SURGE-TESTING FOR BIOTHREAT AGENTS	\$0
2007	IQUUM INC	MA	U01AI066576	POINT OF CARE NUCLEIC ACID DIAGNOSTIC DEVICE FOR QUANTIFYING BACTEREMIA	\$0
2007	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI054471	REGULATION OF IMMUNE RESPONSES BY IGE AND MAST CELLS	\$0
2007	IMMUNE DISEASE INSTITUTE INC	MA	P01AI054558	ENGINEERED LISTERIA MONOCYTOGENES AS AN AIDS VACCINE	\$0
2007	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059610	THE ENDOTHELIUM IN ORGAN SPECIFIC CD8 T CELL RECRUITMENT	\$0
2007	TUFTS UNIVERSITY	MA	R21AI071301	REGULATION OF INNATE IMMUNITY TO ENTEROCYTOZON BIENEUSI INFECTION	\$0
2007	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI064519	ASSOCIATING GENETIC VARIATION TO RESISTANCE TO SEVERE MALARIA IN EAST AFRICA	\$0

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2007	DANA-FARBER CANCER INSTITUTE	MA	R01AI052829	HUMAN ANTI-MACAQUE CCR5 MABS FOR PASSIVE IMMUNOTHERAPY	\$0
2007	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI068077	MACROPHAGE IRON METABOLISM AND TUBERCULOSIS INFECTION	\$0
2007	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI043890	INTERACTIONS BETWEEN CMV AND SIV IN RHESUS MACAQUES	\$0
2007	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI055801	B7 COSTIMULATORY BLOCKADE IN PEDIATRIC TRANSPLANTATION	\$0
2007	IMMUNE DISEASE INSTITUTE INC	MA	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	\$0
2007	BOSTON UNIVERSITY	MA	R56AI071909	SEMINAL HIV-1 SHEDDING AND DRUG RESISTANCE IN HIV-1/HSV-2 COINFECTED MEN ON HAART	\$0
2007	JOSLIN DIABETES CENTER, INC	MA	P01AI054904	IMAGING AUTOIMMUNE DISEASE	\$0
2007	TUFTS UNIVERSITY	MA	R01AI055347	FUNCTIONAL GENOMICS OF CRYPTOSPORIDIUM PARVUM	\$0
2007	CHILDREN'S HOSPITAL CORPORATION	MA	P01AI054456	TIM recognition of phosphatidylserine regulates innate and adaptive immunity	\$0
2007	MASSACHUSETTS GENERAL HOSPITAL	MA	K02AI053103	ROLE OF AUTOIMMUNITY IN TRANSPLANT REJECTION	\$0
2007	MASSACHUSETTS GENERAL HOSPITAL	MA	P01HL018646	New Approaches to Cardiothoracic Tolerance Induction	\$0
2007	ANCORA PHARMACEUTICALS INC	MA	R44AI058535	DEVELOPMENT OF AN ANTI-MALARIA TOXIN VACCINE CANDIDATE	\$0
2007	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI052354	CYTOSKELETAL-PATHOGEN INTERACTIONS IN SHIGELLA INFECTION	\$0
2007	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI074088	MECHANISTIC EXPLORATIONS OF MICROCIN E492M BIOSYNTHESIS AND MATURATION	\$0
2007	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI065540	MECHANICS OF BACTERIAL SWARMING	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	U01AI038576	ZDV USE TO PREVENT MATERNAL/INFANT HIV TRANSMISSION	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI055312	HIV DRUG RESISTANCE DURING HAART IN ADOLESCENTS	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI033077	MOLECULAR GENETICS OF HSV-1 CAPSIDS	\$0
2007	DYNPORT VACCINE COMPANY LLC	MD	U01AI056514	FAST-TRACK PRODUCTION OF A HEPTAVALENT BOTULINUM VACCINE	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI051472	COMPARATIVE GENOMICS OF THE CHLAMYDIACEAE	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI055943	CONSERVED PNEUMOCOCCAL PROTEIN LIVE-VECTOR VACCINE	\$0
2007	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$0
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI023047	IMMUNE RESPONSES DURING MEASLES VIRUS INFECTION	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059755	REGULATION OF CYSTEINYL LEUKOTRIENE TYPE I RECEPTOR	\$30,000
2007	JOHNS HOPKINS UNIVERSITY	MD	R01AI057007	TISSUE AND CELL RESERVOIRS FOR HIV	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI067980	DEVELOPMENT OF A CHIMERIC MOUSE MODEL FOR THE ANALYSIS OF PLASMODIUM LIVER STAGES	\$0
2007	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI047858	TS PROPHYLAXIS AND DRUG-RESISTANT MALARIA IN MALAWI	\$0
2007	NOVAVAX, INC	MD	U01AI061988	DEVELOPMENT OF RECOMBINANT SARS VLP VACCINES	\$0
2007	MAINE MOLECULAR QUALITY CONTROLS, INC	ME	R44AI052088	FIXED E. COLI AS LOW RANGE NUCLEIC ACID CONTROLS FOR M. TUBERCULOSIS TESTING	\$0
2007	UNIVERSITY OF MICHIGAN	MI	F32AI068324	GENOMIC APPROACH TO VACCINE DESIGN FOR PROTEUS MIRABILIS	\$0
2007	UNIVERSITY OF MICHIGAN	MI	T32AI007528	Molecular Mechanisms of Microbial Pathogenesis Training Program	\$0
2007	UNIVERSITY OF MINNESOTA	MN	R34AI073296	GENE THERAPY FOR PURINE NUCLEOSIDE PHOSPHORYLASE DEFICIENCY (PNP)	\$0
2007	UNIVERSITY OF MINNESOTA	MN	R01AI050737	REGULATION OF B CELL DEVELOPMENT BY RAS AND RAF	\$0
2007	UNIVERSITY OF MINNESOTA	MN	F32AI063793	ROLE OF CYTOKINES IN NAIVE CD4+ T CELL ACTIVATION	-\$34,699
2007	MAYO CLINIC	MN	R34AI073282	PLANNING A MULTICENTER ORAL ITRACONAZOLE TRIAL IN CHRONIC RHINOSINUSITIS PATIENTS	\$0
2007	WASHINGTON UNIVERSITY	MO	R01AI051426	VIRAL DECOY RECEPTORS	\$0
2007	WASHINGTON UNIVERSITY	MO	K08AI059083	NATURAL KILLER CELL MEDIATED CONTROL OF VACCINIA VIRUS	\$0
2007	SAINT LOUIS UNIVERSITY	MO	U01AI048021	HIV VACCINE CLINICAL TRIAL UNIT AT SAINT LOUIS UNIVER	\$0
2007	WASHINGTON UNIVERSITY	MO	F32AI069688	PROGRESSION OF PRIMARY PNEUMONIC PLAGUE	-\$11,262
2007	WASHINGTON UNIVERSITY	MO	R01AI024745	INTERACTION OF HIV GP120 & G PROTEIN COUPLED RECEPTORS	\$0
2007	WASHINGTON UNIVERSITY	MO	R01AI056139	IMMUNE DEFENSE: THE ROLE OF NKG2D/DAP10	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI056351	SUSCEPTIBILITY AND PROTECTIVE IMMUNITY TO NOROVIRUSES	\$0
2007	EAST CAROLINA UNIVERSITY	NC	R01AI064153	CYTOKINE DYSREGULATION IN GM-CSF AUTOIMMUNITY	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI050736	CLEARANCE OF APOPTOTIC CELLS	\$0
2007	DUKE UNIVERSITY	NC	R01AI047605	MECHANISMS OF ALLOGENEIC STEM CELL EDUCATION IN SCID	\$0

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2007	ALPHAVAX HUMAN VACCINES INC	NC	U01AI057286	ALPHAVIRUS REPLICON VACCINES AGAINST BOTULINUM NEUROTOXIN	\$0
2007	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI061830	STRUCTURAL MIMICRY AND HOST INNATE RESPONSES	-\$41,322
2007	ALPHAVAX HUMAN VACCINES INC	NC	U01AI056438	ALPHAVIRUS REPLICON VACCINES TO ENCEPHALITIS VIRUSES	\$0
2007	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	U01AI070440	PRECLINICAL DEVELOPMENT OF FLAGELLIN AS A MUCOSAL ADJUVANT IN BIODEFENSE VACCINES	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064074	CLEARING PERSISTENTLY HIV-INFECTED CD4+ T LYMPHOCYTES	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K01AI055247	VULNERABLE POPULATIONS AND SPECIAL PROTECTIONS IN ACTUS	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$0
2007	CHIMERIX INC	NC	U01AI057233	DEVELOPMENT OF AN ORAL DRUG FOR SMALLPOX TREATMENT	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI066920	EFFECT/EARLIER HAART/HIV DISEASE PROGRESSION/SURVIVAL	\$0
2007	DUKE UNIVERSITY	NC	U01AI062563	INTERNATIONAL CLINICAL TRIALS UNIT	\$0
2007	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R56AI070848	PROMOTER-DEPENDENT EPIGENETIC REGULATION OF V(D)J RECOMBINATION	\$0
2007	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI059755	REGULATION OF CYSTEINYL LEUKOTRIENE TYPE I RECEPTOR	-\$28,700
2007	DUKE UNIVERSITY	NC	R21AI066106	HUMAN TNFA-INDUCED PRE-B CELL BONE MARROW EMIGRANTS	\$0
2007	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	NC	R01AI061123	EFFICACY OF SOYBEAN-BASED VACCINES USING A MODEL ANTIGEN	\$0
2007	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R21AI071054	BORDETELLA VIRULENCE GENE REGULATION IN MAMMALIAN HOSTS	\$0
2007	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI054551	JUNCTION ADHESION MOLECULE CAR AND THE IMMUNE SYSTEM	\$0
2007	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI049472	XENOGENEIC HEPATOCYTE TRANSPLANTATION FOR CIRRHOSIS	-\$225,001
2007	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI055377	INDUCTION OF TH1 IMMUNITY IN TUBERCULOSIS	\$0
2007	UNIVERSITY OF NEW MEXICO (THE)	NM	U01AI056618	CELL ENTRY INHIBITORS FOR SIN NOMBRE VIRUS	\$0
2007	UNIVERSITY OF NEW MEXICO (THE)	NM	R21AI063486	ANTIMYCOBACTERIAL NO FROM KATG ACTIVATION OF ISONIAZID	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI025085	T CELL EPITOPES OF THE MALARIA CIRCUMSPOROZOITE PROTEINS	\$0
2007	UNIVERSITY OF ROCHESTER	NY	P01AI056356	HSV-1 AMPLICON VECTORS FOR HIV VACCINE DELIVERY	\$0
2007	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	U01AI056480	RAPID DETECTION AND IDENTIFICATION OF ZOO NOTIC PATHOGENS	\$0
2007	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI059476	NEW THERAPEUTIC APPROACH FOR RICIN-INDUCED LUNG INJURY	\$0
2007	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI061797	BLOCKING HIV WITH APTAMERS TARGETED TO VIRAL COMPONENTS	\$0
2007	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R56AI074917	STRUCTURE AND FUNCTION OF SUPERANTIGENS	\$0
2007	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052733	Biology of Fungal Melanin	\$0
2007	UNIVERSITY OF ROCHESTER	NY	R01AI011709	FUNCTION OF GONOCOCCAL ANAEROBICALLY INDUCED PROTEINS	\$0
2007	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R21AI071183	REGULATION OF ANTIGEN PRESENTATION BY THE PEPTIDE LOADING COMPLEX	\$0
2007	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI056257	ANTIBODY BASED DIAGNOSIS FOR TB	\$0
2007	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	U19AI056362	AUTOIMMUNITY CENTERS OF EXCELLENCE	\$0
2007	CORNELL UNIVERSITY	NY	R01AI033468	PARVOVIRUS STRUCTURE, CAPSID ASSEMBLY, AND RECEPTORS	\$0
2007	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	P01AI056320	Immunobiology and Pathogenesis of Pulmonary Tularemia (Metzger, PD)	\$0
2007	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI070666	CONUGAL DNA TRANSFER INTO M. TUBERCULOSIS	\$0
2007	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI057443	ALTERNATIVE RESPIRATORY CHAINS OF M. TUBERCULOSIS	\$0
2007	UNIVERSITY OF ROCHESTER	NY	R56AI072049	TLR-4 IN LIVER IMMUNOREGULATION	\$0
2007	UNIVERSITY OF ROCHESTER	NY	R01AI040689	RICKETTSIA-INDUCED TRANSCRIPTIONAL ACTIVATION	\$0
2007	CORNELL UNIVERSITY	NY	R01AI052154	LISTERIA PHOSPHOLIPASE C: SORTING, ACTIVATION, RELEASE	\$0
2007	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI068538	TRYPANOSOMA CRUZI AND AIDS: ROLE OF THE ADIPOCYTE	\$0
2007	SUNY, STONY BROOK	NY	R37AI027044	ANTIGEN SPECIFIC RESPONSES TO BORRELIA	\$0
2007	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$0
2007	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043197	Alternative approaches for NALT-based immunity to respiratory pathogens	\$0
2007	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI051219	HIV/TB IN UGANDA: PUNCTUATED ANTIRETROVIRAL THERAPY	-\$646,764

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI060739	PORCINE RESPIRATORY CORONAVIRUS AS A SARS MODEL	\$0
2007	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI032121	MOLECULAR ANALYSIS OF HSV-1 REACTIVATION FROM LATENCY	\$0
2007	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI052290	JUVENILE HORMONE RECEPTOR IN FLIES AND MOSQUITOES	\$0
2007	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI054467	PROTEIN-DNA INTERACTIONS IN V(D)J RECOMBINATION	\$0
2007	OKLAHOMA STATE UNIV, CENTER FOR HEALTH SCIENCES	OK	R21AI073107	PGE2 BIOSYNTHESIS IN CANDIDA ALBICANS	\$0
2007	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R56AI068883	REGULATION OF VIRUS CAPSID ASSEMBLY	\$0
2007	PORTLAND STATE UNIVERSITY	OR	R01AI052330	3-KETOACYL ACP SYNTHASE III: A NOVEL ANTIBIOTIC TARGET	\$0
2007	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI039938	ANTIVIRAL DRUG RESISTANCE IN HUMAN CYTOMEGALOVIRUS	\$0
2007	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035914	IL-12 AS AN IMMUNOPOTENTIATOR IN LEISHMANIASIS	\$0
2007	MAGEE-WOMENS HEALTH CORPORATION	PA	R01AI041624	PREVENTION OF INFERTILITY IN WOMEN WITH SUBCLINICAL PID	\$0
2007	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	\$0
2007	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	U01AI066007	EFFICACY OF ANTIMICROBIALS IN YOUNG CHILDREN WITH AOM	\$0
2007	UNIVERSITY OF PITTSBURGH	PA	R01AI056177	CLOSTRIDIUM PERFRINGENS TYPE B-D VIRULENCE PLASMIDS	\$0
2007	UNIVERSITY OF PITTSBURGH	PA	R01AI049472	XENOGENEIC HEPATOCYTE TRANSPLANTATION FOR CIRRHOSIS	\$225,001
2007	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060021	Molecular biology of coronavirus induced demyelination	\$0
2007	DMX INC	PA	R41AI068290	NEW ATTENUATED ANTHRAX VACCINE	\$0
2007	UNIVERSITY OF PENNSYLVANIA	PA	R01AI043745	Gene Therapy for Canine X-linked SCID	\$0
2007	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI051323	IMMUNE COMPLEX STIMULATION OF TNFALPHA	\$0
2007	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI069126	PLASMODIUM VIVAX:PROTEOMIC ANALYSIS OF ASEXUAL AND SPOROZOITE STAGES	\$0
2007	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$0
2007	UNIVERSITY OF PITTSBURGH	PA	R01AI025850	EIAV ENVELOPE VARIATION AND VACCINE EFFICACY	\$0
2007	UNIVERSITY OF PITTSBURGH	PA	R01AI069282	A PREVENTATIVE ADENOVIRAL-BASED H5N1 INFLUENZA VACCINE	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	MIRIAM HOSPITAL (THE)	RI	R01AI040350	ANTIVIRAL THERAPY AND HIV IN THE GENITAL TRACT OF WOMEN	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI047056	REGULATION OF HIV ENV FUNCTION DURING VIRION MATURATION	\$0
2007	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI040198	IMMUNOPATHOGENESIS OF GROUP A STREPTOCOCCAL INFECTION	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI052379	SIGNAL-DEPENDENT PHOSPHORYLATION AND FUNCTION OF IKKY	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI056402	Examination of Odorant Receptors in Vector Mosquitoes	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI062452	SMALL-MOLECULE INHIBITION OF HIV-1 MATURATION	\$0
2007	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI058145	Novel Azole Resistance Mechanisms in Candida albicans	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI032539	Cell Biology of Reovirus Infection	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050884	DIETARY ANTIOXIDANTS AND INCIDENCE OF ADULT-ONSET ASTHMA	\$0
2007	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042756	ENZYMOLGY OF ANTIBIOTIC RESISTANCE	\$0
2007	RXBIO INC	TN	RC1AI078512	RADIOPROTECTIVE / RADIOMITIGATING EFFICACY OF RX100 IN THE GASTROINTESTINAL TRACT	\$0
2007	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI033410	MOLECULAR ANALYSIS OF MURINE LEUKEMIA VIRUS ENTRY	\$0
2007	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI063178	PROTEASOME REGULATION OF INTERLEUKIN-5 RECEPTOR ENDOCYTOSIS	\$301,790
2007	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI055637	MOLECULAR BIOLOGY OF FRANCISELLA TULARENSIS VIRULENCE	\$0
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052428	PHYLOGENETIC APPROACH TO PLANT ALLERGY VACCINES	\$0
2007	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI067803	CHARACTERIZATION OF MURINE CD244 HAPLOTYPES WITH DIVERGENT FUNCTION	\$0
2007	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI065402	MUCOSAL IMMUNIZATION WITH A CONSERVED HIV ENVELOPE PEPTIDE COCKTAIL VACCINE	\$0
2007	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	U01AI054827	BIODEFENSE PROTEOMICS COLLABORATORY	\$638,375
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI054827	BIODEFENSE PROTEOMICS COLLABORATORY	-\$717,250
2007	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI058009	NOVEL APPROACH TO CHLAMYDIA VACCINE DEVELOPMENT	\$0
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI007536	TRAINING IN EMERGING INFECTIOUS DISEASES AND BIODEFENSE	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI019624	TRANSPLANTATION ANTIGENS: EXPRESSION AND FUNCTION	\$0
2007	BAYLOR COLLEGE OF MEDICINE	TX	R01AI063178	PROTEASOME REGULATION OF INTERLEUKIN-5 RECEPTOR ENDOCYTOSIS	-\$309,000
2007	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI064179	NOVEL ADJUVANT FORMULATIONS FOR GENETIC VACCINES	\$0
2007	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056305	Structure and Function of Treponema pallidum Lipoproteins	\$0
2007	BAYLOR COLLEGE OF MEDICINE	TX	R01AI056210	ACTIVATION AND IN VIVO FUNCTIONS OF INITIATOR CASPASES	\$0
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI053422	HUMAN CELLULAR IMMUNE RESPONSES TO LEPTOSPIRA	\$0
2007	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI051333	ENVIRONMENTAL MODULATION OF TOXT-DEPENDENT TRANSCRIPTION	\$0
2007	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI067384	CHARACTERIZATION OF A VIRUS-ACTIVATED RNA-INDUCED SILENCING COMPLEX(RISC)	\$0
2007	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI037744	PATHOGENIC ROLES OF COXIELLA BURNETTI PROTEINS	\$0
2007	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI068461	CRYPTOSPORIDIUM PARVUM HISTONE DEACETYLASES	\$0
2007	BAYLOR COLLEGE OF MEDICINE	TX	R01AI035381	MECHANISMS OF HIV-1 LATENCY IN CD4+ T LYMPHOCYTES	\$0
2007	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI050537	INTERACTION OF SINDBIS VIRUS WITH CELLULAR PROCESSES	-\$73,574
2007	UNIVERSITY OF VIRGINIA	VA	R01AI037293	IMMUNOBIOLOGY OF EXPERIMENTAL RSV INFECTION	\$0
2007	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI055850	PREVENTION OF CYTOMEGALOVIRUS INFECTION	\$0
2007	ADENOSINE THERAPEUTICS, LLC	VA	R41AI063671	SAFETY OF ADENOSINE A2A AGONIST FOR TREATMENT OF SEPSIS	\$0
2007	UNIVERSITY OF VIRGINIA	VA	R56AI064276	SEPSIS SYNDROME AND ADENOSINE A2A RECEPTOR ACTIVATION	\$0
2007	UNIVERSITY OF VIRGINIA	VA	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$0
2007	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI051880	MOLECULAR CONSEQUENCES OF ESTROGEN-INDUCED INTERFERONY	\$0
2007	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI069879	LUNG TRANSPLANTATION AND IMMUNE TOLERANCE IN YOUNG RECIPIENTS	\$0
2007	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI055343	MATHEMATICAL AND EXPERIMENTAL MODELS FOR HIV DYNAMICS	\$0
2007	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2007	UNIVERSITY OF WASHINGTON	WA	P01AI057005	IMMUNOLOGICAL AND VIROLOGICAL EVENTS IN EARLY HIV INFECTION	\$0
2007	SYNTRIX BIOSYSTEMS INC	WA	R43AI068282	AMINOTREXATE A NOVEL STRATEGY TO REPLACE METHOTREXATE IN PSORIASIS	\$0
2007	UNIVERSITY OF WASHINGTON	WA	R01AI055604	ANTIFOLATES AS ANTIMALARIAL DRUGS	\$0
2007	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI053667	TRANSCRIPTION OF PROTEIN-CODING GENES IN LEISHMANIA	\$0
2007	UNIVERSITY OF WASHINGTON	WA	U01AI052054	ACYCLOVIR TO PREVENT HIV ACQUISITION IN HSV-2+ PERSONS	\$0
2007	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI063959	EFFICACY AND SAFETY OF FOAMY RETROVIRAL VECTORS FOR AIDS GENE THERAPY	\$0
2007	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI056073	ROLE OF A NOVEL SIGNAL TRANSDUCTION PATHWAY IN GBS	\$0
2007	UNIVERSITY OF WASHINGTON	WA	P01AI054564	COMBINED APPROACH TO BROADLY PROTECTIVE AIDS VACCINES	\$0
2007	GENTEL BIOSURFACES INC	WI	R44AI060199	RAPID AND INEXPENSIVE BIOCHIP BASED ALLERGY TESTING	\$0
2007	ALPHA UNIVERSE LLC	WI	R43AI069660	DEVELOPMENT OF NOVEL PROTEINS AS A DEFENCE AGAINST POTENTIAL BIOTHREAT AGENTS	\$0
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$0
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI017331	CARDIOVIRAL PROTEASES AND COMPARATIVE GENOME STRUCTURE	\$0
2007	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI064703	ROLE AND CELL CYCLE MECHANISMS OF PP71 IN HCMV INFECTION	\$0
2007	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	R01AI029743	AN ANALYSIS OF BORRELIA BURGDORFERI MOTILITY	\$0
2007	UNIVERSITY OF WYOMING	WY	R21AI065623	GLOBAL MECHANISMS OF BACTERIOCIN RESISTANCE IN LISTERIA	\$0
2006	UNIVERSITY OF FREIBURG		R01AI050667	ROLE OF ENTEROCOCCAL POLYSACCHARIDES IN VIRULENCE	\$0
2006	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U19AI051915	CHINA'S INTEGRATED PROGRAMS FOR RESEARCH ON AIDS	\$0
2006	EBERHARD KARL UNIVERSITY OF TUBINGEN		R03AI059791	NON-INVASIVE IMAGING OF T CELL TRAFFICKING	\$0
2006	UNIVERSITY OF MALI		R03AI064371	CONGENITAL AND NEONATAL MALARIA IN MALI	\$0
2006	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI032775	ADULT AIDS CLINICAL TRIALS GROUP	\$0
2006	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$0
2006	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI051315	CLINICAL TRIAL OF SHORT COURSE VS. INH FOR LTBI IN JAIL	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2006	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI041513	Role of Streptococcal-Platelet Binding in Endocarditis	\$0
2006	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI043638	SOUTHERN CALIFORNIA PRIMARY INFECTION PROGRAM	\$0
2006	UNIVERSITY OF CALIFORNIA, MERCED	CA	R56AI070993	STRUCTURAL STUDIES OF VIRAL CC CHEMOKINE INHIBITOR (VCCI) COMPLEXES	\$106,044
2006	UNIVERSITY ENTERPRISES INC	CA	R15AI068444	SYNTHESIS OF NOVEL WATER-SOLUBLE GLYCODENDRIMERS AS ANTI-HIV AGENTS	\$0
2006	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053731	CLINICAL SUSPICION OF TB: A TECHNOLOGY ASSESSMENT TOOL	\$0
2006	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R15AI067304	MOLECULAR & BIOLOGICAL CHARACTERIZATION OF TRYPANOSOMA CRUZI FROM UNITED STATES	\$0
2006	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$0
2006	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI025859	ADULT AIDS CLINICAL TRIALS UNIT	\$0
2006	TULANE UNIVERSITY OF LOUISIANA	LA	UC6AI058609	BAA-NIH-NIAID-NCRR-DMID-03-036	\$0
2006	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI051206	HUMAN STUDIES OF LISTERIA MONOCYTOGENES VECTORS	\$0
2006	DANA-FARBER CANCER INSTITUTE	MA	P01AI043649	HIVRAD: STRUCTURAL APPROACHES TO VACCINE DEVELOPMENT	\$0
2006	BOSTON UNIVERSITY	MA	UC6AI058618	NATIONAL CENTER/EMERGING INFECTIOUS DISEASES & BIODEFENSE	\$0
2006	SCHEPENS EYE RESEARCH INSTITUTE	MA	F32AI071492	MECHANISM OF IMMUNITY TO ENTEROCOCCUS FAECALIS CYTOLYSIN	\$0
2006	JOHNS HOPKINS UNIVERSITY	MD	U01AI038576	ZDV USE TO PREVENT MATERNAL/INFANT HIV TRANSMISSION	\$0
2006	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI048001	COALITION FOR HIV VACCINE DEVELOPMENT	\$0
2006	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI066944	SINGLE CHAIN COMPLEX VACCINES AND PROTECTIVE IMMUNITY	\$0
2006	JOHNS HOPKINS UNIVERSITY	MD	R01AI028855	TOPOISOMERASES: TARGET FOR ANTITRYPANOSOMAL THERAPY	\$0
2006	JOHNS HOPKINS UNIVERSITY	MD	U01AI047968	HIV PREVENTION TRIAL UNIT (HPTU)-PUNE, INDIA	\$0
2006	UNIVERSITY OF MICHIGAN	MI	R01AI049294	ORGANIZATION AND FUNCTION OF A TYPE II SECRETION COMPLEX	\$0
2006	SAINT LOUIS UNIVERSITY	MO	U01AI048021	HIV VACCINE CLINICAL TRIAL UNIT AT SAINT LOUIS UNIVER	\$0
2006	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI061830	STRUCTURAL MIMICRY AND HOST INNATE RESPONSES	\$0
2006	DUKE UNIVERSITY	NC	R01AI050113	Structure, function, and evolution of the Cryptococcus MAT locus	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2006	DUKE UNIVERSITY	NC	R01AI047605	MECHANISMS OF ALLOGENEIC STEM CELL EDUCATION IN SCID	\$0
2006	NORTH DAKOTA STATE UNIVERSITY	ND	R15AI069061	A NOVEL MODEL OF FUNGAL ASTHMA USING AEROALLERGEN SENSITIZATION AND CHALLENGE	\$0
2006	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI050618	REGULATION OF TYPE1 IMMUNITY TO TOXOPLASMA	\$0
2006	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI063359	NOVEL TARGETS FOR VACCINES AGAINST TUBERCULOSIS	\$0
2006	UNIVERSITY OF NEVADA-RENO	NV	R01AI059348	B. ANTHRACIS: PASSIVE IMMUNIZATION WITH ANTICAPSULAR MAB	\$0
2006	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI054206	THE ROLE OF NATURAL KILLER T CELLS IN HIV INFECTION	\$0
2006	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI025879	ADULT AIDS CLINICAL TRIALS UNIT	\$0
2006	UNIVERSITY OF TOLEDO	OH	R15AI068758	STRUCTURE AND DYNAMICS OF MHC BOUND PEPTIDES	\$0
2006	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI033561	ENHANCING THE IMMUNOGENICITY OF HUMAN ROTAVIRUS VACCINES	\$0
2006	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI054474	TUBERCULOSIS IMMUNITY IN YOUNG CHILDREN	\$0
2006	UNIVERSITY OF PENNSYLVANIA	PA	F32AI065331	HIV DNA INTEGRATION: MECHANISM AND INHIBITION	-\$18,344
2006	UNIVERSITY OF PITTSBURGH	PA	U19AI055794	DENDRITIC CELL-BASED IMMUNOTHERAPY FOR HIV INFECTION	\$0
2006	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC6AI058588	NATIONAL BIOCONTAINMENT LABORATORY (NBL)	\$0
2006	TEXAS A & M RESEARCH FOUNDATION	TX	R56AI070993	STRUCTURAL STUDIES OF VIRAL CC CHEMOKINE INHIBITOR (VCCI) COMPLEXES	-\$113,430
2006	SAM HOUSTON STATE UNIVERSITY	TX	R15AI067305	MYCOBACTERIUM AVIUM-PHAGOCYTE INTERACTIONS IN A MURINE INFECTION MODEL	\$0
2006	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI052372	IMMUNIZATION TO REDUCE GENITAL AND NEONATAL HERPES	\$0
2006	COLLEGE OF WILLIAM & MARY	VA	R15AI053062	EVOLUTION OF A BACTERIAL GENOME ENCODING INCREASED VIRULENCE: THE GENOMICS OF HEL	\$0
2006	GEORGE WASHINGTON UNIVERSITY	VA	R01AI054717	IMMUNE ESCAPE MECHANISMS IN LEISHMANIASIS	\$0
2006	SYNTRIX BIOSYSTEMS INC	WA	R43AI068282	AMINOTREXATE A NOVEL STRATEGY TO REPLACE METHOTREXATE IN PSORIASIS	\$0
2006	UNIVERSITY OF WISCONSIN, LA CROSSE	WI	R15AI049961	STUDY OF HPIV3 REPLICATION USING REVERSE GENETICS	\$0
2006	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$0

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2005	PROTEZ PHARMACEUTICALS INC	PA	U01AI057276	PTE-BASED DRUG FOR ANTIBIOTIC-RESISTANT ANTHRAX	\$0
2004	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC1AI062636	RIFT VALLEY FEVER VIRUS MP-12 VACCINE COMPLETION	\$0
Issue Date FY: 2008 (Subtotal = \$2,534,924,844)					
2008	UNIVERSITY OF ADELAIDE		R01AI068715	CHARACTERIZATION OF A NOVEL AB5 CYTOTOXIN	\$264,871
2008	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE		R01AI045000	Defining the cis and trans acting factors required for assembly of infectious Blu	\$286,404
2008	CENTRE HOSP UNIV VAUDOIS CHUV		U01AI069443	SOUTH-WEST EUROPEAN HIV VACCINE CLINICAL TRIAL UNIT	\$369,932
2008	STELLENBOSCH UNIVERSITY		U01AI069521	STELLENBOSCH UNIVERSITY CLINICAL TRIAL UNIT, CAPE TOWN, SOUTH AFRICA	\$1,471,428
2008	MURDOCH UNIVERSITY		R01AI060460	HIV-1 ADAPTATION TO HLA-RESTRICTED IMMUNE RESPONSES	\$345,474
2008	INSTITUTE OF MATERIA MEDICA		U01AI061092	DEVELOPMENT OF PEPTIDE-BASED VACCINE AGAINST SARS-COV	\$330,798
2008	HIV-NAT, THE THAI RED CROSS AIDS RCH CTR		R01AI075408	PREDICTORS OF IMMUNOLOGIC LONG-TERM NON-PROGRESSION IN CHILDREN WITH HIV	\$79,461
2008	KUNMING MEDICAL COLLEGE		R01AI075429	POPULATION BIOLOGY OF MALARIA DRUG RESISTANCE IN YUNNAN	\$81,497
2008	DRUGS FOR NEGLECTED DISEASES INITIATIVE		U01AI075726	DEVELOPMENT OF A LOW COST FORMULATION OF AMPHOTERICIN B	\$504,803
2008	CAMBODIAN HEALTH COMMITTEE		U01AI061736	A CAMBODIAN CLINICAL RESEARCH NETWORK FOR HIV & TB	\$547,195
2008	APOPO VZW		R03AI068044	TRAINING AFRICAN GIANT RATS AS A CHEAP DIAGNOSTIC TOOL FOR EARLY TB DETECTION	\$55,248
2008	UNIVERSITY OF CAPE TOWN		R01AI075603	DIAGNOSTIC YIELD OF INDUCED SPUTUM FOR RAPID DIAGNOSIS OF PULMONARY TUBERCULOSIS	\$79,461
2008	ISPED UNIVERSITY VICTOR		U01AI069919	IeDEA West Africa Renewal 3	\$1,266,160
2008	INSTITUT DE GENETIQUE MOLECULAIRE DE MONTPELLIER		R01AI059349	ZAP-70 DEFICIENCY: A MODEL FOR GENE THERAPY STUDIES	\$196,200
2008	FEDERAL UNIVERSITY OF BAHIA		R03AI067663	THE POLYMORPHISM AND BIOLOGY OF LEISHMANIA BRAZILIENSIS INFECTION	\$54,000
2008	NANJING MEDICAL UNIVERSITY		R01AI075746	Insecticide Resistance in Culex pipiens pallens Mosquitoes	\$81,000
2008	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U19AI051915	CHINA'S INTEGRATED PROGRAMS FOR RESEARCH ON AIDS	\$1,199,418
2008	THE GHESKIO CENTERS		U01AI069421	GHESKIO HIV CLINICAL TRIAL UNIT	\$1,446,966
2008	UNIVERSITY OF BRASILIA		R03AI067334	CHAGAS DISEASE: AUTOIMMUNITY STEMS FROM PARASITE INVASION OF HOST GENOME	\$51,438

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2008	SOUTH AFRICAN MEDICAL RESEARCH COUNCIL		U01AI069422	SOUTH AFRICA MRC HIV PREVENTION TRIALS UNIT	\$11,515,377
2008	UNIVERSITY OF QUEENSLAND		U01AI066321	ATTENUATED WEST NILE VIRUS VACCINE	\$241,527
2008	UNIVERSITY OF BASEL		R01AI057477	ANALYSIS OF THYMIC EPITHELIAL PRECURSOR CELLS	\$251,144
2008	HOSPITAL UNIV CLEMENTINO FRAGA FILHO		U01AI069414	UNIVERSIDADE FEDERAL DO RIO DE JANEIRO CLINICAL TRIALS UNIT	\$645,746
2008	NATL HEPATOLOGY/TROPICAL MED RES INST		R03AI067440	FEASIBILITY FOR NON-INVASIVE SCREENING FOR HCV RELATED FIBROSIS	\$43,078
2008	YRG CENTRE FOR AIDS RESEARCH & EDUCATION		R03AI062420	CORRELATES OF MUCOSAL HIV-1 TRANSMISSION IN INDIAN WOMEN	\$51,437
2008	QUEENSLAND INSTITUTE OF MEDICAL RESEARCH		U01AI060579	GLOBAL GAS VACCINE BASED ON THE M-PROTEIN	\$512,863
2008	BIOTA SCIENTIFIC MANAGEMENT		U01AI070263	INNOVATIVE INFLUENZA THERAPEUTIC AND PROPHYLACTIC FOR BIODEFENSE APPLICATIONS	\$2,359,731
2008	UNIVERSITY OF CAPE TOWN		R01AI078936	THE ROLE OF CTL ESCAPE MUTATIONS IN ATTENUATING HIV-1 SUBTYPE C INFECTION	\$81,000
2008	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		R01AI078933	BUILDING CAPACITY IN EVIDENCE-BASED HIV PREVENTION RESEARCH FOR MSM IN CHINA	\$94,193
2008	RESEARCH INSTITUTE FOR HEALTH SCIENCES		U01AI069399	CHIANG MAI UNIVERSITY HIV/AIDS CLINICAL TRIALS UNIT	\$1,934,836
2008	UNIVERSITY OF CAPE TOWN		U01AI069519	CAPE TOWN CLINICAL TRIALS UNIT (CT-CTU) FOR HIV/AIDS PREVENTION & TREATMENT	\$1,511,717
2008	CSIRO MOLECULAR & HEALTH TECHNOLOGIES		R01AI062721	MECHANISMS OF INFLUENZA NA DRUG RESISTANCE	\$257,189
2008	NATL CTR FOR AIDS/STD CONTROL & PREVENTION		U01AI069411	HIV/AIDS CLINICAL TRIAL UNIT IN NCAIDS, CHINA CDC	\$545,371
2008	AUSTRALIAN NATIONAL UNIVERSITY		R01AI067401	CD8+ T CELL SPECIFICITY IN MOUSE MODELS OF SMALLPOX VACCINATION AND CHALLENGE	\$239,052
2008	MALAWI COLLEGE OF MEDICINE		R01AI075587	PK-PD MODELS TO IDENTIFY RATIONAL ANTIMALARIAL COMBINATION THERAPY	\$78,326
2008	HEBREW UNIVERSITY		UC1AI067231	BROAD-SPECTRUM ANTAGONIST OF SUPERANTIGEN TOXINS	\$249,998
2008	UNIVERSITY OF CAPE TOWN		R21AI067659	A SMART MICROSCOPE FOR THE DETECTION OF TUBERCULOSIS IN ZN-STAINED SPUTUM SMEARS	\$132,435
2008	ST GEORGES HOSPITAL MEDICAL SCHOOL		R21AI079785	SCALABLE PRODUCTION OF RECOMBINANT PROTEIN MICROBICIDES	\$151,486
2008	LA TROBE UNIVERSITY		R01AI059229	INHIBITORY EPITOPES IN MALARIA VACCINE CANDIDATES	\$186,033
2008	UNIVERSITY OF PRETORIA		U01AI069469	UNIVERSITY OF KWAZULU-NATAL - CAPRISA HIV/AIDS CLINICAL TRIALS UNIT	\$3,369,303

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2008	UNIVERSITY OF THE WITWATERSRAND		R03AI070079	STUDIES OF EARLY HIV-1 SUBTYPE C INFECTION IN SOUTH AFRICA	\$51,438
2008	UNIVERSITY DEL NORTE		R01AI075523	RESPIRATORY SYNCYTIAL VIRUS TARGETS RAFTS FOR PENETRATION AND IMMUNOMODULATION	\$79,461
2008	MEDICINES FOR MALARIA VENTURE INTERNATIONAL CENTER		U01AI075594	OPTIMIZING NOVEL DIHYDROOROTATE DEHYDROGENASE INHIBITORS FOR TREATING MALARIA	\$1,069,709
2008	ACADEMIC MEDICAL CENTER		F32AI063846	ROLE OF STAT5 AND BCL-XL IN HUMAN B CELL SURVIVAL	\$7,000
2008	UNIVERSITY OF CAPE TOWN		R01AI065653	PROTECTIVE IMMUNITY INDUCED BY NEWBORN BCG VACCINATION	\$501,445
2008	MONASH UNIVERSITY		R01AI079330	TARGETING MDR HETERO-RESISTANT GRAM-NEGATIVES: PK/PD FOR RATIONAL COMBINATIONS	\$447,872
2008	AIN SHAMS UNIVERSITY		R01AI068966	CELLULAR IMMUNE RESPONSES IN SUBJECTS EXPOSED TO HEPATITIS C	\$233,034
2008	INSTITUTE OF PRIMATE RESEARCH, NATL MUSEUMS OF KENYA		R01AI075682	THE EFFECT OF SCHISTOSOMIASIS ON SEVERE MALARIA IN A PRIMATE MODEL	\$81,000
2008	NATIONAL INSTITUTE OF IMMUNOLOGY		R01AI075459	SIGNALING IN PLASMODIUM FALCIPARUM: ROLE OF PFPLC AND PFPKB	\$56,160
2008	NATIONAL AIDS RESEARCH INSTITUTE		R03AI067001	MOLECULAR EPIDEMIOLOGY/HIV/STD PATIENTS/IVDUS/INDIA	\$52,974
2008	UKZN INNOVATION (PTY) LTD		U01AI069426	DURBAN INTERNATIONAL CLINICAL TRIALS UNIT	\$1,729,976
2008	EPIDEMIOLOGY RESEARCH & TRAINING UNIT		U01AI069409	HIV/AIDS CLINICAL TRIALS IN JAMAICA	\$461,901
2008	UNIVERSITY OF THE WITWATERSRAND		U01AI069463	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,387,394
2008	UNIDAD DE VACUNAS		U01AI069486	DEVELOPMENT OF HIV VACCINE CLINICAL TRIALS PHASE I-II-III IN DOMINICAN REPUBLIC	\$431,562
2008	UNIVERSITY OF TOKYO		R01AI050948	REGULATION OF IDDM BY PROINFLAMMATORY AND TH1-CYTOKINES	\$251,144
2008	INTERNATIONAL CENTRE FOR GENETIC ENGINEERING & BIOTECH		R01AI076192	IMMUNE EVENTS, TRANSCRIPTOMICS AND BIOMARKERS IN HEPATITIS E PATHOGENESIS	\$79,462
2008	UNIVERSITY OF BERNE		U01AI069924	International Epidemiologic Databases to Evaluate AIDS - Southern Africa (IeDEA-SA)	\$1,477,358
2008	THAI RED CROSS SOCIETY		U19AI053741	HIV RESEARCH PROGRAM IN THAILAND AND CAMBODIA	\$998,662
2008	FLINDERS UNIVERSITY OF SOUTH AUSTRALIA		U01AI061142	NOVEL VACCINE ADJUVANTS TO COUNTER BIOTERRORIST THREATS	\$1,439,143
2008	UNIVERSIDADE DE SAO PAULO		R03AI066961	HIV-1 PROTEASE CD4+ T CELL EPITOPES AND DRUG-INDUCED MUTATIONS	\$52,974

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2008	OKAIROS		U01AI070802	DEVELOPMENT OF AN ADENOVIRUS BASED HCV VACCINE: PRECLINICAL SAFETY AND IMMUNOLOGY	\$180,033
2008	CENTRAL INSTITUTE FOR TUBERCUOSIS		R01AI078864	IMMUNITY TO AND PATHOGENESES OF M. TUBERCULOSIS AND M. AVIUM INFECTIONS IN MICE	\$81,000
2008	TVW TELETHON INSTITUTE FOR CHILD HEALTH RESEARCH		R21AI078511	GENE EXPRESSION PATTERNS IN EARLY LIFE ALLERGY	\$173,386
2008	UNIVERSITY OF BAHIA		P50AI030639	Host and Parasite Determinants in Human Leishmaniasis	\$711,395
2008	UNIVERSITY OF THE WITWATERSRAND		U01AI069453	SOWETO CLINICAL TRIALS UNIT	\$3,348,316
2008	WALTER & ELIZA HALL INSTITUTE OF MEDICAL RESEARCH		R01AI044008	ADHERENCE OF MALARIA-INFECTED RED CELLS	\$200,916
2008	UNIVERSITY OF UMEA		R01AI060689	DEVELOPMENT OF LIVE FRANCISELLA TULARENSIS VACCINES	\$251,144
2008	UNIVERSITY OF ULM		R01AI067057	ROLE OF SPECIFIC NEF FUNCTIONS IN AIDS PATHOGENESIS	\$183,357
2008	ETH ZURICH		U01AI074523	DEVELOPMENT OF ANTI-INFLUENZA AGENTS BY A SYSTEMS BIOLOGY APPROACH	\$315,255
2008	INSTITUT PASTEUR DE TUNIS		P50AI074178	Key Determinants Of The Natural History Of Leishmania major Infection	\$489,190
2008	BANARAS HINDU UNIVERSITY		P50AI074321	Visceral Leishmaniasis in Bihar State, India	\$734,158
2008	FUDAN UNIVERSITY		R01AI075463	SOCIAL AND BIOMEDICAL RISK FACTORS FOR MULTI-DRUG RESISTANT TB IN RURAL CHINA	\$79,118
2008	NATIONAL AIDS RESEARCH INSTITUTE		U01AI069417	NATIONAL AIDS RESEARCH INSTITUTE (NARI), PUNE, INDIA: CLINICAL TRIALS UNIT	\$3,581,399
2008	TWINSTRAND THERAPEUTICS, INC.		U01AI075450	DEVELOPMENT OF MEDICAL COUNTERMEASURES TO RICIN POISONING	\$470,101
2008	COMMONWEALTH SCIENTIFIC & INDUST RES ORG		R21AI072396	SCREENING OF A SMALL MOLECULE LIBRARY FOR NIPAH VIRUS ANTIVIRALS	\$134,663
2008	HIV-NAT, THE THAI RED CROSS AIDS RCH CTR		R03AI077157	IMPACT OF SELENIUM/ZINC LEVELS ON HIV DISEASE AND TREATMENT RESPONSE IN CHILDREN	\$54,000
2008	MONASH UNIVERSITY		R01AI034039	INTERFERON REGULATED DSRNA ACTIVATED KINASE, PKR	\$257,189
2008	INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT		U01AI069429	PROGRAM FOR HIV PREVENTION AND TREATMENT-CLINICAL TRIAL UNIT, THAILAND	\$2,142,292
2008	SHOKLO MALARIA RESEARCH UNIT		R01AI075588	EVALUATION OF LOOP-MEDIATED ISOTHERMAL AMPLIFICATION FOR RAPID MALARIA DIAGNOSIS	\$79,461
2008	UNIVERSITY OF THE WITWATERSRAND		U19AI053217	CIPRA-SA: SAFEGUARD THE HOUSEHOLD: COMPREHENSIVE AIDS RESEARCH: EXTENSION	\$5,093,807
2008	Makerere University Faculty of Medicine		R01AI075637	CELL TO CELL SIGNALING IN MYCOBACTERIA	\$79,461
2008	UNIVERSITY OF CAPE TOWN		R21AI073182	BCG AS AN HIV VACCINE VECTOR	\$150,386

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2008	FEDERAL UNIVERSITY OF BAHIA		R03AI070909	PARASITE ANTIGENIC DIFFERENCES AND HOST GENETIC IN TEGUMENTARY LEISHMANIASIS	\$51,012
2008	SYMPHOGEN A/S		U01AI070378	FULLY HUMAN RECOMBINANT THERAPEUTIC ANTI-VACCINIA VIRUS POLYCLONAL ANTIBODY	\$620,101
2008	UNIVERSIDADE DE SAO PAULO		R01AI075416	POPULATION STRUCTURE AND TRANSMISSION DYNAMICS OF PLASMODIUM VIVAX	\$79,200
2008	CHRISTIAN MEDICAL COLLEGE		R01AI075452	TRANSMISSION DYNAMICS OF CRYPTOSPORIDIAL INFECTIONS IN INDIA	\$81,000
2008	UNIVERSIDADE FEDERAL DE SAO PAULO		U01AI069420	SAO PAULO CLINICAL TRIALS UNIT	\$493,116
2008	UNIVERSITY OF CAXIAS DO SUL		R03AI064037	EVALUATION OF THE HIV SUBTYPE C EPIDEMIC IN SOUTH BRAZIL	\$51,438
2008	THE GHESKIO CENTERS		U01AI058257	HAITIAN PROGRAM FOR RESEARCH AND TRAINING IN HIV/AIDS	\$500,636
2008	IMPERIAL COLLEGE LONDON		R01AI065545	CHLAMYDIAL INVASION OF NON-PHAGOCYtic CELLS	\$226,954
2008	SHANDONG PROVINCIAL CHEST HOSPITAL		R01AI075465	HUMAN GENETIC SUSCEPTIBILITY TO TUBERCULOSIS IN CHINESE HAN POPULATION	\$80,190
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI077457	HTS FOR INHIBITORS OF HIV-1 LATENCY ESTABLISHMENT	\$533,733
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063432	PORINS OF MYCOBACTERIUM TUBERCULOSIS	\$338,347
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI014782	Regulation of B cell Clonal Diversity and Its Role in Disease	\$346,491
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI034749	MOLECULAR ANALYSIS OF HIV1 REVERSE TRANSCRIPTION	\$303,468
2008	UNIVERSITY OF ALABAMA	AL	R03AI073412	CHARACTERIZATION OF ZIF, A UNIQUE FEMABX-LIKE PROTEIN	\$70,877
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035783	POST-THYMIC T-CELL FUNCTIONAL HETEROGENEITY	\$311,841
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI052069	The UAB Infectious Diseases Training Grant	\$124,986
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076475	EXCESSIVE RECEPTOR EDITING AND GENERATION OF AUTOREACTIVE ANTIBODIES IN SLE	\$290,000
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI078449	IMMUNOGLOBULIN CDR-H3 AND NEUTRALIZING ANTIBODIES TO HIV	\$231,500
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI076430	METABOLISM, MICRONUTRIENTS, AND ANTIRETROVIRAL THERAPY OUTCOMES IN ZAMBIA	\$189,000
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI073174	CONTRIBUTION OF VH REPLACEMENT TO B CELL ANTI-HIV IMMUNE RESPONSE	\$177,806
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI072421	P. FALCIPARUM VACCINE: EVALUATING CANDIDACY OF PFMSp3/PFMSp6 IN AN ENDEMIC SETTIN	\$177,806

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2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI068928	PROTEIN-PROTEIN ASSOCIATION IN MYCOBACTERIA	\$213,368
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074948	MOLECULAR REGULATION OF VH GENE REPLACEMENT IN HUMAN IMMATURE B CELLS	\$290,000
2008	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI015035	PERMEABILITY OF THE EPIDEMIC TYPHUS RICKETTSIA	\$558,107
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072647	REGULATION OF B LYMPHOCYTE SURVIVAL AND DIFFERENTIATION BY HSH2	\$387,192
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI063565	CMV SUBUNIT VACCINE IN YOUNG WOMEN AT RISK	\$787,173
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007041	MOLECULAR AND CELLULAR BACTERIAL PATHOGENESIS	\$238,383
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P01AI057699	IMMUNITY TO BACILLUS ANTHRACIS: SPORE-HOST INTERACTIONS	\$1,014,513
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI076096	CAPSID-INCORPORATION OF HIV ANTIGENS AS A NOVEL ADENOVIRUS HIV VACCINE APPROACH	\$267,993
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI076562	THE ROLE OF CD5 IN B-CELL DEVELOPMENT AND AUTOIMMUNITY	\$362,500
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K25AI064625	CYTOKINE SIGNALING NETWORK RESPONSE TO SMALLPOX VACCINE	\$106,794
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R37AI050529	Natural SIV Reservoirs and Human Zoonotic Risk	\$481,289
2008	FOODSOURCE LURE CORPORATION	AL	R41AI078631	DELIVERY SYSTEM DEVELOPMENT FOR A RESERVOIR TARGETED LYME DISEASE VACCINE	\$299,923
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071110	Follicular Exclusion of Self Antigens Prevents Development of Autoantibodies	\$362,500
2008	VAXIN PHARMACEUTICALS, INC	AL	R44AI068285	IN-OVO VACCINATION/AVIAN INFLUENZA/BIRD/HUMAN	\$332,379
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007051	Immunologic Diseases and Basic Immunology	\$617,930
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI031473	IMPACT OF A NEW GROUP 6 SEROTYPE ON PNEUMOCOCCAL VACCINES	\$248,929
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044626	BIOPHYSICAL STUDIES OF HIV ASSEMBLY AND MATURATION	\$311,841
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050066	ASSEMBLY OF THE NEGATIVE STRANDED RNA VIRUS CORE	\$312,474
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI045794	TERMINAL TRANSFERASE AND LYMPHOCYTE DEVELOPMENT	\$337,184
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI071982	STRUCTURE AND SIZE DETERMINATION OF S. AUREUS PATHOGENICITY ISLAND CAPSIDS	\$178,734
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K02AI076123	HETEROGENEITY IN CYTOKINE RESPONSES TO HIV-1 INFECTION	\$100,764
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI069505	ROLE OF IMMUNOGENETIC DETERMINANTS ON HUMAN GENITAL CHLAMYDIAL INFECTION	\$127,764

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2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI074390	IMPACT OF MENSTRUAL CYCLE ON ANTIRETROVIRAL PHARMACOKINETICS	\$125,125
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI079741	HLA*B ASSOCIATED GENES AND MEMORY B CELLS IN PATIENTS WITH COVID	\$176,750
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067467	FUNCTIONAL ROLE OF FC RECEPTOR HOMOLOGS ON B LINEAGE CELLS	\$320,051
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI035602	Envelope Assembly of Human Cytomegalovirus	\$320,051
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI063909	Mechanisms of Mycoplasmal Disease Pathogenesis	\$304,514
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064831	MALARIA: IMMUNITY AND DIVERSITY IN LOW TRANSMISSION	\$389,480
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064848	TANDEMELY REPETITIVE PROTEINS IN MYCOPLASMAS	\$311,841
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI069509	PNEUMOCOCCAL CONJUGATE VACCINES AND OLD ADULTS	\$281,653
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058131	Role of WhiB3 in M. tuberculosis virulence	\$337,184
2008	SOUTHERN RESEARCH INSTITUTE	AL	R01AI043241	PURINE ANALOG ANTI-MYCOBACTERIAL DRUG DEVELOPMENT	\$453,972
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI058715	MOLECULAR EPIDEMIOLOGY AND NATURAL HISTORY OF SIVCPZ	\$560,642
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI067993	HELPER-DEPENDENT CD8 T CELL MEMORY	\$277,192
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI080364	THE ROLE OF MATRIX COFACTORS IN SIVCPZ REPLICATION	\$206,250
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI064849	VESICLE TARGETING IN PLASMODIUM FALCIPARUM	\$71,123
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI044458	Mechanisms of Viral-Induced Beta Cell Damage	\$362,500
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI052243	STRUCTURE AND FUNCTION OF AN FC RECEPTOR FOR IGA AND IGM	\$269,748
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$22,068
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI057956	IMMUNE REGULATION TO INTESTINAL BACTERIAL ANTIGENS	\$337,184
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AR042476	SYSTEMIC VASCULITIS: HOST FACTORS IN TISSUE INJURY	\$306,527
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI076056	SURVIVAL FACTORS REGULATING THE HIV-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSE	\$131,597
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K23AI064613	MORTALITY IN TRANSPLANT PATIENTS WITH ASPERGILLOSIS	\$97,607
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI048115	THE ROLE OF IMMUNOGLOBULIN CDRH3 IN AUTOIMMUNE DISEASE	\$311,841
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI071906	Host Genetic Epidemiology in HIV-1-Discordant African Couples and Other Cohorts	\$726,755

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2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI070386	DISCOVERY AND PRECLINICAL DEVELOPMENT OF DRUGS FOR ANTHRAX, PLAGUE AND TULAREMIA	\$990,493
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI068574	INCREASED HIV-1 TRANSCRIPTION IN T-HELPER 2 CELLS	\$213,368
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI073103	HIV-1 SUPPRESSION BY MHC CLASS I RESTRICTED CD8 T CELLS	\$177,806
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI021548	PspA: A Potential Pneumococcal Vaccine Component	\$506,758
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI055667	GENETIC MECHANISMS REGULATING B-LYMPHOCYTE COMMITMENT	\$337,184
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042127	STUDIES OF PAIRED IMMUNOGLOBULIN-LIKE RECEPTORS	\$236,030
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	P30AI027767	UAB Center for AIDS Research	\$866,171
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	T32AI007493	Basic Mechanisms in AIDS Pathogenesis	\$266,097
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R24AI067039	Unsolicited R24 CFAR Network of Clinical Systems (CNICS)	\$2,961,825
2008	SOUTHERN RESEARCH INSTITUTE	AL	R01AI068517	STRUCTURE OF M. TUBERCULOSIS ADENOSINE KINASE AND DESIGN OF ANTIMICROBIAL NUCLE	\$345,536
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI073521	MECHANISM OF CELL SURFACE ASSEMBLY CATALYZED BY SORTASES	\$371,179
2008	UNIVERSITY OF SOUTH ALABAMA	AL	R21AI069210	IDENTIFICATION OF METABOLIC VIRULENCE FACTORS IN THE EPIDEMIC TYPHUS RICKETTSIA	\$180,259
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI074438	DYSREGULATION OF IGA RESPONSES IN HIV-1-INFECTED INDIVIDUALS	\$474,902
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI047300	STRUCTURE STUDIES ON PROTEINS THAT MODULATE IL-10 ACTION	\$355,613
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R03AI074778	MOLECULAR EPIDEMIOLOGY OF PLASMODIUM REICHENOWI	\$72,500
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI072577	MOLECULAR EPIDEMIOLOGY, VIRULENCE, AND GENOMIC CHARACTERIZATION OF UREAPLASMAS	\$400,252
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069455	CENTRE FOR INFECTIOUS DISEASES RESEARCH IN ZAMBIA HIV/AIDS CLINICAL TRIALS UNIT	\$4,594,591
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069569	LIPOSOMAL RECOMBINANT VACCINE AND CARIES IMMUNITY	\$346,383
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI062950	NEW INFLUENZA A NEURAMINIDASE INHIBITORS FOR BIODEFENSE	\$302,421
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	K08AI059428	CYTOMEGALOVIRUS AND CHRONIC RENAL ALLOGRAFT REJECTION	\$95,648
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI042265	CD19 TYROSINE-MEDIATED SIGNAL TRANSDUCTION IN VIVO	\$362,500
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI049360	Regulation of T cell activity during chronic infections	\$284,490

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI028457	Genetics and virulence of pneumococcal capsular types	\$365,455
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI064815	CHARACTERIZATION OF COMPLEMENT C3- CONVERTASES	\$304,514
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	U01AI069452	ALABAMA-CLINICAL TRIALS UNIT	\$2,886,842
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R01AI050189	GM/GN AND ENVELOPMENT OF HCMV	\$326,250
2008	UNIVERSITY OF SOUTH ALABAMA	AL	R01AI059267	MECHANISMS OF RNA VIRUS-HOST INTERACTION	\$237,657
2008	UNIVERSITY OF SOUTH ALABAMA	AL	R37AI020384	GENETIC ANALYSIS OF RICKETTSIA PROWAZEKII	\$568,694
2008	UNIVERSITY OF ALABAMA AT BIRMINGHAM	AL	R21AI071041	THE ROLE OF IL-17 PRODUCING T LYMPHOCYTES IN ALLERGIC CONTACT DERMATITIS	\$177,806
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI069087	DETECTION, DIAGNOSIS AND TREATMENT OF MUSCULOSKELETAL INFECTION	\$351,364
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI038991	IMMUNITY TO CHLAMYDIAL GENITAL INFECTION	\$345,300
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R21AI070789	VIRULENCE FACTORS OF CLINICAL MTB STRAINS WITH ENHANCED GROWTH IN MACROPHAGES	\$181,148
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R56AI060563	HCV NS3 AND NS5A: BIOCHEMICAL MECHANISMS AND BIOLOGICAL FUNCTIONS	\$396,583
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI043356	SAR-MEDIATED REGULATION IN STAPHYLOCOCCUS AUREUS	\$264,167
2008	CHLAMYDIA BASIC RESEARCH SOCIETY	AR	R13AI063796	Biennial Meeting of the Chlamydia Basic Research Society	\$1
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI074935	REGULATION OF BIOFILM FORMATION IN CLINICAL ISOLATES OF STAPHYLOCOCCUS AUREUS	\$317,750
2008	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI059650	HOST RESPONSE TO CHLAMYDIA GENITAL INFECTION IN THE MALE	\$332,534
2008	ARKANSAS CHILDREN'S HOSPITAL RES, CTR, INC	AR	R01AI067678	Molecular mechanisms of Chlamydia-induced Type 1 Interferon response	\$315,637
2008	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	R01AI067857	REGULATION OF STAPHYLOCOCCUS AUREUS BIOFILM BY RBF	\$355,613
2008	ARIZONA STATE UNIVERSITY	AZ	R21AI073928	DEVELOPMENT OF A PLANT-DERIVED VIRUS- LIKE PARTICLE VACCINE AGAINST SARS-COV	\$187,701
2008	UNIVERSITY OF ARIZONA	AZ	R01AI046541	REGULATION OF ENERGY METABOLISM IN INSECTS	\$323,629
2008	UNIVERSITY OF ARIZONA	AZ	R01AI060723	UBIQUITIN-MEDIATED PATHWAYS OF VIRAL IMMUNE EVASION	\$351,137
2008	UNIVERSITY OF ARIZONA	AZ	R01AI067903	TRANSFORMING GROWTH FACTOR BETA IN T- CELL HOMEOSTASIS AND TOLERANCE	\$354,885
2008	VALLEY FEVER THERAPIES	AZ	R42AI074157	EXPERIMENTAL PHARMACOLOGY AND CHEMICAL STUDIES OF NIKKOMYCIN Z	\$102,594

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2008	ARIZONA STATE UNIVERSITY	AZ	K08AI059106	GENE EXPRESSION CONTROL BY THE 1918 FLU IN MACAQUES	\$110,106
2008	UNIVERSITY OF ARIZONA	AZ	R01AI061811	MICROBIAL INNATE IMMUNITY IN ASTHMA PATHOGENESIS	\$548,225
2008	ARIZONA STATE UNIVERSITY	AZ	U01AI075549	PLANT-DERIVED MAB THERAPEUTICS FOR WEST NILE VIRUS	\$359,891
2008	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI075568	BURKHOLDERIA: INTERNATIONAL COLLABORATIVE DEVELOPMENT OF NOVEL DIAGNOSTICS	\$889,317
2008	UNIVERSITY OF ARIZONA	AZ	R01AI073745	INSULIN, IGF AND INSULIN SIGNALING: EFFECTS ON ANOPHELES LIFESPAN AND IMMUNITY	\$511,733
2008	ARIZONA STATE UNIVERSITY	AZ	F31AI075538	ROLE OF CORONAVIRUS MEMBRANE PROTEIN CARBOXY TAIL VIRUS ASSEMBLY	\$36,044
2008	UNIVERSITY OF ARIZONA	AZ	R01AI031951	REGULATION OF DIGESTION IN BLOOD-SUCKING INSECTS	\$323,629
2008	ARIZONA STATE UNIVERSITY	AZ	R01AI065779	SALMONELLA ANTI-INFLUENZA DNA & ANTIGEN DELIVERY VACCINE	\$590,554
2008	ARIZONA STATE UNIVERSITY	AZ	R03AI073157	EXPRESSION OF DECONSTRUCTED HIV-1 VIRUS-LIKE PARTICLES IN BIOENGINEERED PLANTS	\$73,330
2008	HIGH THROUGHPUT GENOMICS INC	AZ	R43AI071454	MICROFLUIDIC MULTIPLEXED MRNA BIOMARKER PLATFORM	\$299,436
2008	UNIVERSITY OF ARIZONA	AZ	R01AI068033	GC TFP RETRACTION AND STRESS-RESPONSIVE HOST SIGNALING	\$359,588
2008	UNIVERSITY OF ARIZONA	AZ	R01AI079059	Mechanisms of Human Cytomegalovirus Latency in Primary Human Hematopoietic Cells	\$371,391
2008	UNIVERSITY OF ARIZONA	AZ	R21AI076715	MOUSE MODELS FOR THE FUNCTIONAL ANALYSIS OF ASTHMA-ASSOCIATED HUMAN POLYMORPHISMS	\$231,030
2008	UNIVERSITY OF ARIZONA	AZ	R01AI079030	ROLE OF NEISSERIA GCP IN TFP DYNAMICS AND INVASION	\$398,234
2008	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	AZ	U01AI066581	REAL-TIME PCR ASSAYS FOR DIRECT DETECTION OF SEPSIS AND CAP PATHOGENS	\$607,974
2008	UNIVERSITY OF ARIZONA	AZ	R01AI066096	CRITICAL DETERMINANTS OF CD8+ T-CELL-MEDIATED PROTECTION	\$348,360
2008	UNIVERSITY OF ARIZONA	AZ	F32AI068297	TWO WAY DIALOGUE BETWEEN GC AND EPITHELIAL CELLS	\$50,428
2008	UNIVERSITY OF ARIZONA	AZ	R01AI066012	YAGZ PILUS ADHESIN OF ATTACHING AND EFFACING E. COLI	\$294,247
2008	ARIZONA STATE UNIVERSITY	AZ	U01AI061253	DEVELOPMENT OF A VACCINE FOR EBOLA VIRUS IN PLANT SYSTEM	\$757,135
2008	BLOOD SYSTEMS INC	AZ	R01AI074986	MODELING VIRAL ENTRY AND ITS INHIBITION USING SARS-COV	\$403,250

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2008	ARIZONA STATE UNIVERSITY	AZ	R01AI046428	GENE EXPRESSION IN MYCOBACTERIUM TUBERCULOSIS	\$312,886
2008	UNIVERSITY OF ARIZONA	AZ	R01AI042268	IMMUNOLOGIC, GENETIC AND EXPOSURE-RELATED PATHWAYS TO CHILDHOOD ASTHMA	\$720,466
2008	ARIZONA STATE UNIVERSITY	AZ	R01AI057885	Attenuated Live and Recombinant Yersinia Pestis Vaccines	\$594,217
2008	UNIVERSITY OF ARIZONA	AZ	R01AI068414	STRUCTURED PROTEIN SCAFFOLDS FOR PHAGE -DISPLAY	\$280,974
2008	ARIZONA STATE UNIVERSITY	AZ	R01AI056289	Recombinant Attenuated Salmonella Vaccines for Humans	\$372,974
2008	UNIVERSITY OF ARIZONA	AZ	P01AI061310	HOST CONTROL IN COCCIDIOIDOMYCOSIS	\$826,754
2008	INTELLIGENT OPTICAL SYSTEMS, INC	CA	R43AI074134	ULTRA-STABLE TEST STRIP SYSTEM FOR MULTIPLEXED DETECTION OF ENTERIC PATHOGENS	\$155,715
2008	UNIVERSITY ENTERPRISES CORPORATION AT CSUSB	CA	K22AI074662	INFLUENZA VIRAL RNA SYNTHESIS AND PROCESSING	\$160,000
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI073911	HUMORAL RESPONSES TO LYME BORRELIOSIS: A MOUSE MODEL	\$376,236
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI050243	Ecology of African Highland Malaria	\$438,662
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077177	GLOBAL ANALYSIS OF PROTEOLYSIS IN THE INNATE IMMUNE RESPONSE	\$44,846
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067699	SYSTEM DYNAMICS OF THE SALMONELLA VIRULENCE REGULATORY NETWORK	\$292,831
2008	PLANET BIOTECHNOLOGY INC	CA	R43AI072838	IMPROVED METHOD FOR PURIFICATION OF THERAPEUTIC PROTEINS FROM PLANTS	\$109,964
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI069276	NKT CELL RECOGNITION OF STREPTOCOCCUS PNEUMONIAE	\$224,128
2008	IBIS BIOSCIENCES INC	CA	R41AI072859	HCV GENOTYPING AND DRUG RESISTANCE TESTING BY ESI/MS	\$290,535
2008	VICAL, INC	CA	R42AI065015	HERPES SIMPLEX IMMUNOTHERAPEUTIC VACCINE	\$999,688
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI007641	Biology of Infectious Diseases Training Program	\$241,471
2008	STANFORD UNIVERSITY	CA	R01AI069000	Roles for microRNA-122 in hepatitis C virus RNA amplification	\$295,433
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI041935	HIV - EMERGENCE OF DRUG RESISTANCE	\$736,294
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI051315	CLINICAL TRIAL OF SHORT COURSE VS. INH FOR LTBI IN JAIL	\$459,059
2008	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI050000	ROLES FOR MOTILITY IN HELICOBACTER PYLORI PATHOGENESIS	\$351,385
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047818	Biosynthesis of marine polyketide antibiotics	\$257,162
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI071468	MECHANISM OF MHC CLASS I CRYPTIC PEPTIDE TRANSLATION	\$50,428

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2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI051440	TOTAL SYNTHESIS OF AZADIRACHTIN	\$436,479
2008	STANFORD UNIVERSITY	CA	R01AI041014	DEVELOPMENTAL BIOLOGY OF TOXOPLASMA	\$344,307
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI027655	Listeria hemolysin and escape from a vacuole	\$411,117
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070555	Regulation of p38 and inflammation by MAPK kinases	\$331,131
2008	STANFORD UNIVERSITY	CA	R01AI021423	Toxoplasma rhoptyry function	\$504,112
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065841	DISSECTING THE HLA CONTRIBUTION TO RHEUMATOID ARTHRITIS	\$607,274
2008	STANFORD UNIVERSITY	CA	R01AI060399	DRUG RESISTANCE AND PATHOGENESIS IN SUBTYPE C HIV-1	\$310,675
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068090	UNDERSTANDING IMMUNOPATHOGENESIS OF HEPATITIS B VIRUS	\$367,527
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065495	Mechanisms of Neutrophil Activation	\$352,300
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI063302	Intracellular pathogens and innate immunity	\$2,060,386
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI031338	DEVELOPMENT AND TESTING OF NEW TUBERCULOSIS VACCINES	\$690,878
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041757	Regulation of Transcriptional Elongation by HIV-1 Tat	\$333,143
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI061354	LEISHMANIASIS TREATMENT: MACROPHAGE SCAVENGER RECEPTOR	\$368,870
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068063	CELL DEATH AND ANTIBODY-MEDIATED PROTECTION FROM AUTOIMMUNITY	\$350,207
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R13AI056338	MEETING SUPPORT FOR HIV DYNAMICS AND EVOLUTION	\$18,123
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI075223	TRANSFORMATION OF MITOCHONDRIA IN KINETOPLASTID PARASITES	\$264,380
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073770	Novel approaches to identify host genes required for Chlamydia pathogenesis	\$378,599
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI051667	SECRETION OF VIRULENCE FACTORS BY MYCOBACTERIUM TUBERCULOSIS	\$460,114
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061712	HOW ANTHRAX LETHAL FACTOR KILLS MACROPHAGES	\$353,462
2008	STANFORD UNIVERSITY	CA	U19AI057229	Adaptive and Innate Immunity, Memory and Repertoire in Vaccination and Infection	\$3,156,407
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064325	MECHANISTIC INSIGHTS INTO B7 CO-STIMULATION	\$451,272
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049187	Regulatory Circuits and Virulence in Candida albicans	\$631,264
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI019990	CANDIDA ADHERENCE & PENETRATION OF VASCULAR ENDOTHELIUM	\$314,734
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040098	BETA LYMPHOCYTE MIGRATION AND HOMEOSTASIS	\$340,744
2008	STANFORD UNIVERSITY	CA	R01AI068581	PUBLIC HIV DRUG RESISTANCE DATABASE	\$603,954
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI058743	TLR LIGAND-BASED VACCINES FOR SIV/HIV	\$446,556
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI061139	STRUCTURE-BASED DRUG DESIGN FOR SMALLPOX THERAPY	\$1,777,074

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2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI036959	Molecular Basis of Ecdysteroid Action in the Mosquito	\$506,194
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	K08AI060641	ADRENERGIC ANTAGONISM DURING MURINE CANDIDIASIS	\$129,330
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI076972	PROGRAMMING OF CD8+ T CELL TOLERANCE BY B CELL APC	\$460,020
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI048489	ANTHRAX TOXIN ENTRY INTO CELLS	\$582,062
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI073829	Transcriptional regulation of A. fumigatus virulence	\$310,707
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI072289	MOLECULAR AND CELLULAR REGULATION OF LYMPHOCYTE EXIT BY INTERFERON	\$9,588
2008	UNIVERSITY OF CALIFORNIA	CA	P01AI066314	MECHANISMS OF PROTECTION IN LIVE-ATTENUATED AIDS VACCIN*	\$2,186,950
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	P01AI065831	MOUSE MODELS FOR UNDERSTANDING HOST RESPONES TO INTRACELLULAR PATHOGENS	\$1,549,215
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI039540	THE ROLE OF SAND FLY SALIVA IN VISCERALIZATION OF LEISHMANIA PARASITES	\$343,968
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI022693	Poliovirus Gene Function and Regulation	\$338,874
2008	SCRIPPS RESEARCH INSTITUTE	CA	P01AI070167	Genetic Analysis of Resistance to Viral Infection	\$2,462,415
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI025144	TRANSPORT OF IMMUNOGLOBULINS ACROSS EPITHELIAL CELLS	\$456,299
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI007319	Molecular Biology of Eukaryotic Viruses	\$100,547
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072155	Carbohydrate-based Antiinfective Agents	\$447,189
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007323	Multidisciplinary Training in Microbial Pathogenesis	\$336,193
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069058	TRICHOMONAS PATHOGENESIS: CELL SURFACE INTERACTIONS	\$370,641
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI077386	BINDING BETWEEN HIV-1 RT AND IN AND ITS FUNCTIONAL SIGNIFICATION	\$179,744
2008	J DAVID GLADSTONE INSTITUTES	CA	R03AI069090	ROLE OF MITOCHONDRIAL CORE PROTEIN IN HEPATITIS C VIRUS PATHOGENESIS	\$95,648
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI048411	MOLECULAR ANALYSIS OF A HIGHLY PATHOGENIC FIV	\$319,953
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI076005	INHIBITORS OF HIV-DENDRITIC CELL INTERACTIONS AS MICROBICIDES	\$224,063
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI075298	IMMUNE CELL DYNAMICS DURING CENTRAL NERVOUS SYSTEM VIRAL INFECTION	\$386,530
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI070803	MODULATION OF OUTER MEMBRANE PROTEIN EXPRESSIN IN HELICOBACTER PYLORI	\$409,805
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068498	T REGULATORY CELLS IN HIV INFECTION	\$367,415
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI064853	NEONATAL IMMUNITY AGAINST C. TRACHOMATIS INFECTIONS	\$190,677
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076632	CARBON MONOXIDE IN MYCOBACTERIUM TUBERCULOSIS PATHOGENESIS	\$121,610

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2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI042488	CENTROSOMAL PROTEINS IN GIARDIA DIFFERENTIATION	\$378,911
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI073585	DEVELOPMENT OF A NOVEL VACCINE AGAINST HERPES SIMPLEX TYPE 2	\$189,456
2008	STANFORD UNIVERSITY	CA	R01AI062794	LIGANDS OF GAMMA DELTA T CELL ANTIGEN RECEPTORS	\$362,928
2008	MAPP BIOPHARMACEUTICAL INC	CA	R43AI081392	MONOCLONAL ANTIBODY SEB IMMUNOPROTECTANT	\$299,977
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI078431	KILLED BUT METABOLICALLY ACTIVE LEISHMANIA: A NOVEL PROTOZOAN VACCINE TECHNOLOGY	\$189,600
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI061363	SCANNING B. PSEUDOMALLEI PROTEOME FOR VACCINE ANTIGENS	\$1,023,198
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R21AI079777	COMBINATIONS OF ENTRY INHIBITORS AS ANTI HIV-1 MICROBICIDES	\$208,621
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI065388	REPRODUCTIVE INFECTIOUS DISEASE (RID) FELLOWSHIP	\$123,254
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R00AI072834	METHYLATION IN ANTIBIOTIC BIOSYNTHESIS: METHYLCOBALAMIN-RADICAL SAM ENZYMES	\$249,000
2008	MAXYGEN INC	CA	R43AI080011	NOVEL VACCINE IMMUNOGENS FOR PANDEMIC H5 INFLUENZA	\$299,983
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI077304	DETECTION AND CHARACTERIZATION OF HIV-1 INTRACLADE DUAL INFECTION	\$207,750
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI067423	TARGETING ALLOSTERIC STUDIES TO MODULATE PROTEIN INTERACTIONS AND FUNCTION	\$360,355
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI077373	A RHESUS MACAQUE MODEL OF SIV-MALARIA CO-INFECTION	\$226,500
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI078224	PROBING THE GERMLINES OF BROADLY NEUTRALIZING ANTI-HIV ANTIBODIES IN KNOCKIN MICE	\$758,000
2008	SOMAGENICS, INC	CA	R43AI074214	AN RNAI TROJAN HORSE FOR TREATMENT OF HEPATITIS C.	\$295,743
2008	SCRIPPS RESEARCH INSTITUTE	CA	F32AI074242	MICROARRAY- BASED ALLELIC VARIATION SCANNING OF PLASMODIUM VIVAX	\$46,826
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072115	SIGLEC-F AND RESOLUTION OF ALLERGIC INFLAMMATION	\$347,625
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI052291	MECHANISMS OF MACROLIDE RESISTANCE IN MYCOBACTERIA	\$275,625
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI051354	REGULATION OF HUMORAL IMMUNITY TO INFLUENZA VIRUS	\$338,435
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050587	MODELING COMPLEX PHARMACOKINETICS AND PHARMACODYNAMICS	\$270,302

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2008	UNIVERSITY OF CALIFORNIA	CA	R01AI063356	Evaluation of Protective CMV Vaccines in Rhesus Macaques	\$353,462
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI043638	SOUTHERN CALIFORNIA PRIMARY INFECTION PROGRAM	\$20,000
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI050834	SPONTANEOUS AUTOIMMUNE MODEL OF PERIPHERAL NEUROPATHY	\$340,928
2008	STANFORD UNIVERSITY	CA	R01AI037683	DONOR CELL FACILITATION OF TOLERANCE	\$392,051
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI052447	Gene Silencing as an Antiviral Defense in Animal Cells	\$370,208
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064586	T CELL EXPANSION AND COLITIS IN IMMUNODEFICIENT MICE	\$440,665
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI059492	REVERSE GENETICS OF MOSQUITO SYSTEMIC IMMUNITY	\$463,182
2008	STANFORD UNIVERSITY	CA	U01AI069556	STANFORD AIDS CLINICAL TRIALS UNIT	\$816,602
2008	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R01AI043393	STRUCTURE AND CATALYSIS OF AN RNA ENZYME	\$272,931
2008	STANFORD UNIVERSITY	CA	P01AI036535	AUTOIMMUNITY: MECHANISMS OF UNRESPONSIVENESS	\$1,009,020
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI034989	The Connie Wofsy Womens HIV Study	\$2,995,807
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI065617	Genetic and Epigenetic Programming of Allergic Airway Inflammation	\$349,736
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	P30AI028697	UCLA Center for AIDS Research (CFAR)	\$2,485,000
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064738	RNAI AS AN INTERCELLULAR ANTIVIRAL DEFENSE MECHANISM	\$319,446
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046967	THREE-DIMENSIONAL HIV RNA GENOME TARGETED DRUG LEADS	\$376,294
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI045927	ARENAVIRUS RECEPTOR-STRUCTURE/FUNCTION STUDIES	\$398,428
2008	CEDARS-SINAI MEDICAL CENTER	CA	R01AI058128	MD2 SIGNALING IN LPS/TLR4 INDUCED CELLULAR RESPONSES	\$452,912
2008	STANFORD UNIVERSITY	CA	R01AI022511	Murine T Cell Receptor Structure and Recognition	\$271,786
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI009644	Biochemistry of Bacterial Cell Membranes	\$660,072
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI064326	NF-kB regulation by p105 and p100	\$287,421
2008	STANFORD UNIVERSITY	CA	R01AI008619	ANTIMICROBIAL RESISTANCE IN BACTERIA	\$555,892
2008	STANFORD UNIVERSITY	CA	K23AI054443	IMMUNOEPIDEMIOLOGY OF CONCOMITTANT INFECTION	\$131,490
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI056189	B. thuringiensis Crystal Proteins as Powerful Next-Generation Anthelmintics	\$326,389
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI074076	2007 MIDWINTER CONFERENCE OF IMMUNOLOGISTS AT ASILOMAR	\$12,000
2008	J DAVID GLADSTONE INSTITUTES	CA	R01AI062333	CHEMOPROPHYLAXIS AND HIV-HOST INTERACTIONS	\$749,320

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI033940	CONTROL OF PRECURSOR THYMOCYTE DIFFERENTIATION	\$307,187
2008	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI066008	Role of autoreactivity in the pathogenesis of chronic GVHD	\$353,697
2008	J DAVID GLADSTONE INSTITUTES	CA	R01AI065329	REGULATION AND ACTION OF APOBEC3G	\$521,203
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067341	TNFR MEMBERS IN T CELL IMMUNITY TO VACCINIA	\$451,986
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI035040	Natural History of AIDS in Homosexual Men	\$3,972,360
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045817	Molecular Improvement of Bacterial Mosquito Larvicides	\$302,693
2008	STANFORD UNIVERSITY	CA	R01AI036929	ACTIN BASED MOTILITY OF A BACTERIAL PATHOGEN	\$248,292
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI009102	FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	\$615,532
2008	STANFORD RESEARCH INSTITUTE INTERNATIONAL	CA	U01AI061442	NEUTRALIZING BOTULINUM NEUROTOXIN WITH HUMAN ANTIBODIES	\$1,075,856
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI040227	BIOCHEMISTRY AND REGULATION OF V(D)J RECOMBINATION	\$342,978
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039642	Expression of class I specific receptors in NK cells	\$320,208
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI062518	PASSIVE-ACTIVE IMMUNIZATION STRATEGIES AGAINST PEDIATRIC AIDS	\$610,378
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI027028	CYTOTOXIC T CELL RESPONSES TO VIRUS INFECTION	\$436,479
2008	STANFORD UNIVERSITY	CA	R37AI038972	STRUCTURAL STUDIES OF IGE RECEPTORS	\$301,006
2008	J DAVID GLADSTONE INSTITUTES	CA	U01AI064002	CHEMOPROPHYLAXIS FOR HIV PREVENTION IN MEN	\$5,141,967
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI041090	INTERACTION OF CLQ ON PHAGOCYtic CELLS	\$326,844
2008	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI073295	VACCINE REFUSAL: CLINICAL IMPACT AND PARENTAL ATTITUDES	\$111,297
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI052731	Innate NKT Cells in HIV Infection	\$290,916
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	P01AI055789	VIRULENCE FACTORS AND CELL DEATH	\$3,018,921
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K01AI066917	VARIATION IN IMMUNE ACTIVATION IN HIV-1 INFECTED PERSONS	\$121,770
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI035707	TARGETING CYSTEINE PROTEASES: ANTIPARASITIC CHEMOTHERAPY	\$927,252
2008	KAISER FOUNDATION RESEARCH INSTITUTE	CA	K01AI071725	HIV INFECTION, ANTIRETROVIRAL THERAPY, CANCER INCIDENCE AND PROGRESSION	\$140,344
2008	SIDNEY KIMMEL CANCER CENTER	CA	R01AI061615	REGULATION OF T CELL IMMUNITY TO INFLUENZA BY CD44	\$440,170
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072988	IDENTIFYING THE PROPERTIES OF LLO REQUIRED FOR MHC CLASS I PRESENTATION	\$52,898

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074847	Cellular and Genetic Analysis of Lymphocyte Egress	\$372,966
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI066885	PATHOGENESIS OF ATHEROSCLEROSIS IN HIV PATIENTS ON HAART	\$121,770
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057832	Matrix Metalloproteinases in Hepatic Ischemia and Reperfusion Injury	\$323,348
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI070453	XENOBIOTICS, OXIDATIVE STRESS AND ALLERGIC INFLAMMATION	\$1,309,794
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037113	Structure-Function Studies & Molecular Interactions of Chemokines	\$340,905
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI071922	Development and Function of NKT Cells	\$451,986
2008	STANFORD UNIVERSITY	CA	R01AI021362	Viral Gastroenteritis: Basis of Protection and Virulence	\$467,610
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060537	Microbial Pathogenesis and Host Defense	\$257,423
2008	DYNAVAX TECHNOLOGIES CORPORATION	CA	U01AI074578	PRODUCTION OF AN NP-ISS CONJUGATE VACCINE TO COMBAT PANDEMIC INFLUENZA.	\$1,616,687
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI044864	GENERATING ANTIGENIC PEPTIDE/MHC BY CRYPTIC TRANSLATION	\$367,571
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074345	Targeted Learning: Causal Inference Methods for Implementation Science	\$458,533
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI077439	IL-13 and IL-17 dynamics in the asthmatic airway	\$1,468,795
2008	CEPHEID	CA	R42AI052523	SAMPLE PROCESSING CARTRIDGES FOR RAPID PCR TB DETECTION	\$1,160,774
2008	SIDNEY KIMMEL CANCER CENTER	CA	R21AI079584	THE ROLE OF MMP ACTIVITY IN T CELLS DURING INFLUENZA VIRUS PATHOGENESIS	\$292,500
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059475	FUNCTIONAL DIVERSITY IN PRE-IMMUNE HELPER T CELLS	\$432,294
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072012	NEW ANTIVIRAL THERAPIES FOR HEPATITIS C INFECTION	\$367,061
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P30AI036214	Center for AIDS Research	\$2,720,842
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P30AI027763	UCSF-GVI Center for AIDS Research	\$3,288,563
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R21AI073689	MUCOSAL M CELL ENDOCYTOSIS: SPECIFICITY AND MECHANISMS	\$183,938
2008	STANFORD UNIVERSITY	CA	R01AI069164	ADAPTATION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$306,093
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI029135	ACTIVITY AND INHIBITION OF THE TAT PROTEIN FROM HIV	\$314,150
2008	UNIVERSITY OF CALIFORNIA	CA	R01HD059127	Necrotizing Enterocolitis: Prevention and Prediction	\$621,428
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	T32AI060530	Training in HIV Translational Research	\$280,163
2008	SIDNEY KIMMEL CANCER CENTER	CA	R21AI065712	INFLUENZA A IN THE AGED: A NOVEL VACCINATION STRATEGY	\$286,648
2008	BLANCA PHARMACEUTICALS INC	CA	R43AI075742	ORAL PRODRUGS OF CARBACEPHEM ANTIBIOTICS ACTIVE AGAINST ANTIBIOTIC-RESISTANT BACT	\$300,000

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2008	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007606	INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	\$165,001
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI074766	MAST CELL CONTROLS PATHOGEN ENTRANCE BY THE EXPRESSION OF ANTIMICROBIAL PEPTIDES	\$193,125
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI068685	THE DIVERSE CONTRIBUTION OF TLR PATHWAYS TO INTESTINAL HOMEOSTASIS	\$378,911
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI078885	IDENTIFYING MICROORGANISMS INVOLVED IN HUMAN HEALTH AND DISEASE PROCESSES	\$356,168
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078463	MOLECULAR MARKERS FOR ANOPHELES GAMBIAE AGE GRADING	\$217,625
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI079173	PATHOGENESIS OF S. TYPHIMURIUM BACTEREMIA	\$228,000
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI071167	STREPTOCOCCUS M PROTEIN AND ANTIBODY CROSS-REACTIVITY IN RHEUMATIC FEVER	\$182,606
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI074913	VIRUS DETECTION USING MICROARRAYS AND CHARACTERIZATION OF A NOVEL CARDIOVIRUS	\$124,040
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI067676	THE CAMP REGULATORY SYSTEM OF PATHOGENIC YERSINIA	\$186,390
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI081378	SIXTEENTH MICROBIAL GENOMICS CONFERENCE - 2008	\$10,000
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI071713	THE BIOLOGY OF HIV TRANSMISSION	\$2,527,279
2008	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R21AI078481	NEW APPROACHES FOR ISOLATING HIGH AFFINITY MABS FROM PRECLINICAL VACCINE TRIALS W	\$217,275
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI078389	ROLE OF IRF3 AND RXRA CROSSTALK IN HOST RESPONSE TO VIRAL INFECTIONS	\$385,000
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI080531	COMBINED RADIATION AND TRAUMATIC INJURY AFFECT HIPPOCAMPAL STRUCTURE AND FUNCTION	\$192,329
2008	IMPORT THERAPEUTICS INC	CA	R44AI058365	SERIODIAGNOSTIC ARRAYS FOR BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$1,000,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	R13AI080049	LA JOLLA IMMUNOLOGY CONFERENCE	\$8,500
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078427	ROLE OF NUCLEAR FACTOR TOX IN GERMINAL CENTER REACTIONS	\$284,250
2008	UNIVERSITY OF CALIFORNIA	CA	T32AI060555	Animal Models of Infectious Diseases Training Program	\$170,949
2008	STANFORD UNIVERSITY	CA	R21AI075253	MHC ASSOCIATION IN AUTOIMMUNE ARTHRITIS	\$199,018
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070292	SITE-SPECIFIC ALLOSTERIC INHIBITORS FOR INFLAMMATORY CASPASES	\$378,503
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI070289	GENETIC BASIS OF VIRULENCE OF COMMUNITY MRSA CLONE USA300	\$382,675

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2008	EAST BAY INSTITUTE FOR RESEARCH & EDUCATION	CA	K08AI075029	GC399TR AN INHIBITOR OF AUTOIMMUNITY	\$113,714
2008	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI020720	MECHANISMS OF CHRONIC HEPATITIS B INFECTION AND THERAPEUTIC VACCINES	\$747,395
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI072058	CELL TYPE-SPECIFIC ROLES OF TLR SIGNALING IN IMMUNE RESPONSES	\$385,625
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI069296	INDIRECT RECOGNITION OF MICROBES BY NKT CELLS	\$419,157
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI070654	ANALYZING ANTHROX TOXINS IN DROSOPHILA	\$380,698
2008	STANFORD UNIVERSITY	CA	R21AI075254	IMMUNE CELL DYSFUNCTION IN SJIA	\$197,500
2008	STANFORD UNIVERSITY	CA	R01AI047365	STRUCTURE AND FUNCTION OF THE HEPATITIS C VIRUS GENOME	\$362,764
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI056324	NLR FAMILY PROTEINS: MECHANISMS AND REGULATION	\$477,500
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI067548	STRUCTURE AND FUNCTION OF THE PROKARYOTIC CYTOSKELETON BY ELECTRON CRYOTOMOGRAPHY	\$326,377
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI026815	MOUSE MODEL OF LYME BORRELIOSIS	\$380,000
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI056211	GIF REGULATION OF B CELLS AND CD4 CELLS	\$308,955
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI045999	MOLECULAR TARGETS OF BLOCKING MALARIA TRANSMISSION	\$365,525
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R37AI033068	Lymphotoxin alpha Beta and LIGHT cytokine systems	\$472,500
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI068621	CHARACTERIZATION OF GENE EXPRESSION IN T. VAGINALIS	\$31,037
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI049342	Prevention of Primary HCMV Infection by Vaccinating against HCMV-Encoded IL-10	\$405,662
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI009484	Pathogenesis of Persistent Viral Infection	\$473,750
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI046657	Fetal HCMV Infection: Role of the Human Placenta	\$393,515
2008	STANFORD UNIVERSITY	CA	R01AI046148	IDENTIFICATION OF MULTIDRUG RESISTANT HIV-1 ISOLATES	\$334,861
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI054928	CANDIDA INVASION OF ENDOTHELIUM AND VIRULENCE	\$274,647
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI043203	HIV-1 ESCAPE FROM INHIBITION BY CYTOTOXIC T LYMPHOCYTES	\$394,240
2008	STANFORD UNIVERSITY	CA	F31AI073198	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$40,972
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI070010	Targeting HIV Reservoirs in vitro and in vivo	\$367,923
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066120	FUNCTION OF THE RPTP CD148 IN THE HEMATOPOIETIC LINEAGE	\$360,779

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2008	UNIVERSITY OF CALIFORNIA	CA	R01AI050553	CHARACTERIZATION OF THE BRUCELLA VIRB LOCUS	\$272,613
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI040305	B CELL SUPERANTIGENS AND IMMUNE REGULATION	\$318,118
2008	SCRIPPS RESEARCH INSTITUTE	CA	F32AI074372	STRUCTURE DETERMINATION OF IMMUNODEFICIENCY VIRUS ENV SPIKE	\$49,646
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065902	NEW APPROACHES TO STUDY PSEUDOMONAS-HOST INTERACTIONS	\$281,840
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI072645	CELLULAR FACTORS IN GAMMARETROVIRUS REPLICATION	\$436,067
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059146	TARGETING COFACTOR BIOSYNTHESIS IN BIODEFENSE PATHOGENS	\$378,130
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040101	High Resolution Structural Studies dsDNA Bacteriophage	\$352,533
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI035811	CYTOSKELETON AND SIGNAL TRANSDUCTION IN HOST DEFENSE	\$352,300
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI062985	CUTANEOUS HOST DEFENSE AGAINST BACTERIAL INFECTIONS	\$112,115
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059777	CELL CYCLE INHIBITION IN SYSTEMIC AUTOIMMUNITY	\$440,665
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI040312	HIV EFFECTS ON THE CENTRAL HEMATOLYMPHOID SYSTEM	\$531,854
2008	STANFORD UNIVERSITY	CA	R01AI041588	Molecular Mechanisms of Protochordate Allorecognition	\$334,859
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K25AI058672	MULTISCALE STUDIES OF HIV INFECTION AND TREATMENT	\$126,886
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI068449	FACTORS/HIV-1 NEF'S ABILITY TO DIRECT IMMUNE EVASION	\$63,458
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI061167	RECEPTOR EDITING IN AUTOIMMUNE AND NORMAL MICE	\$389,066
2008	SCRIPPS RESEARCH INSTITUTE	CA	R37AI042266	STRUCTURAL BASIS OF T CELL RECEPTOR RECOGNITION	\$640,728
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R37AI043866	TESTING IN VIVO OF HIV-IMMUNOPATHOGENIC HYPOTHESES USING NEW KINETIC TECHNIQUES	\$415,450
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI024424	MOLECULAR BASIS OF BORRELIA PATHOGENESIS	\$350,963
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI063419	MODULATION OF T CELL ACTIVATION AND TOLERANCE BY DRAK2	\$326,345
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI059401	CHROMOSOME LOSS IN THE FUNGAL PATHOGEN C. ALBICANS	\$172,408
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	F32AI068366	DISCOVERING THE ORIGINS OF THE ADAPTIVE IMMUNE SYSTEM	\$52,048

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2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI033292	HUMAN ANTIBODIES TO HIV-1 BY REPERTOIRE CLONING	\$587,886
2008	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R21AI075230	SIGNAL-AMPLIFYING BIOMARKERS FOR THE DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS.	\$163,091
2008	MAXYGEN INC	CA	P01AI056375	DEVELOPMENT OF NOVEL IMMUNOGENS FOR VACCINES TO HIV-1	\$2,725,643
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI073136	CONDITIONAL LIVE HIV-1 VARIANT TO STUDY IMMUNE ACTIVATION AND PATHOGENESIS.	\$173,231
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI035297	IMMUNE TOLERANCE AND AUTOIMMUNITY	\$1,718,666
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U54AI065359	PACIFIC SOUTHWEST RCE FOR BIODEFENSE & EMERGING INFECTIOUS DISEASES RESEARCH	\$10,078,421
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047231	Development of Antigen-specific B Cell Memory	\$406,144
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074824	Oxygen Sensors and P450 Monooxygenases in Mycobacterium tuberculosis	\$401,130
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI069994	Impact of HIV-associated inflammation on disease	\$174,836
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI077031	INTERFERON-PRODUCING KILLER DENDRITIC CELLS IN ANTI-VIRAL IMMUNITY	\$185,409
2008	MAPP BIOPHARMACEUTICAL INC	CA	U01AI061270	MONOCLONAL ANTIBODIES IN BIODEFENSE: EBOLA VIRUSES	\$1,111,806
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI073100	IMPACT OF HIV ON THE T CELL REPERTOIRE	\$124,200
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	K23AI076106	PLASMA AND GENITAL HIV DYNAMICS IN WOMEN	\$90,568
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R21AI066010	FUNCTIONAL SCREENING FOR CANDIDA VIRULENCE GPI-PROTEINS	\$173,873
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI078048	COUNTERMEASURES FOR BIOTERRORISM TARGETING CELLULAR HOST FACTORS	\$760,000
2008	NOVARTIS VACCINES & DIAGNOSTICS INC	CA	P01AI066287	TARGETING NEUTRALIZING EPITOPES IN THE HIV ENVELOPE	\$4,519,452
2008	STANFORD UNIVERSITY	CA	T32AI007502	Applied Genomics in Infectious Diseases	\$304,097
2008	IBIS BIOSCIENCES INC	CA	R43AI077156	BROAD DETECTION SYSTEM FOR TICK-BORNE PATHOGENS	\$95,502
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI077199	THE ROLE OF DC'S TOLERANCE	\$44,846
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI079243	MicroRNA Function in the Immune System	\$401,250
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077012	NOVEL MOLECULES THAT DEFINE VIRAL PERSISTENCE	\$34,254
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI073240	VACCINES TO GENERATE NEUTRALIZING ANTI-HIV ANTIBODIES	\$135,967
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI045011	IMMUNOGLOBULIN CLASS SWITCH DNA RECOMBINATION	\$466,952
2008	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	U01AI070350	STABLE MICRONIZED VACCINES AGAINST SMALLPOX AND JAPANESE ENCEPHALITIS	\$446,001
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068818	HOW IL-10R BLOCKADE CAN RESOLVE PERSISTENT VIRAL INFECTIONS	\$417,170

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2008	KECK GRADUATE INSTITUTE OF APPLIED LIFE SCIENCES	CA	R01AI076247	RAPID ISOTHERMAL NUCLEIC ACID AMPLIFICATION ASSAY AND DEVICE FOR HSV TESTING	\$606,729
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI054977	TOX, A Novel Regulator of Thymocyte Selection	\$396,601
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074074	SOLUBLE T CELL RECEPTOR STUDIES ON MHC RESTRICTION	\$416,778
2008	PANORAMA RESEARCH, INC	CA	R44AI043122	NOVEL THERAPY FOR THE COMMON COLD	\$202,022
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI051485	THE ROLE OF ODORANT BINDING PROTEINS IN ANOPHELINE MOSQUITO ODOR PERCEPTION	\$406,100
2008	VIROGENICS INC	CA	R43AI080434	A NOVEL IMMUNE MODULATOR/ ADJUVANT FOR HIV VACCINES	\$299,657
2008	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R21AI073236	WHOLE INACTIVATED HIV-1; STABILIZATION AND IMMUNOGENICITY	\$146,418
2008	OSEL, INC	CA	R21AI071978	DEVELOPMENT OF A LIVE TOPICAL MICROBICIDE FOR WOMEN	\$203,512
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI073752	COMPENSATORY PLACENTAL DEVELOPMENT AFTER TREATMENT FOR CONGENITAL CMV INFECTION	\$386,250
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI060567	Interdisciplinary Training in Virology and Gene Therapy	\$212,281
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI072358	CHEMICAL STUDIES INTO THE ANTIBOTULINAL PROPERTIES OF TOSENDANIN	\$238,997
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078455	IMPROVED HUMANIZED MOUSE MODELS FOR VACCINE DEVELOPMENT	\$284,250
2008	PARALLEL SYNTHESIS TECHNOLOGIES	CA	R43AI079995	OPTICAL ENCODING TECHNOLOGY FOR VIRAL SCREENING PANELS	\$178,679
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	F32AI080087	INVARIANT NKT CELL RESPONSES TO VIRAL INFECTIONS AND TUMORS	\$44,846
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI079436	MODULATION OF THE INNATE IMMUNITY BY BACTERIAL SIGNALING MOLECULES	\$236,875
2008	CELLERANT THERAPEUTICS INC	CA	RC1AI080314	DEVELOPMENT OF EX VIVO EXPANDED MEGAKARYOCYTE PROGENITORS FOR PLATELET RECOVERY F	\$500,000
2008	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R56AI043754	TO STUDY CELLULAR IMMUNE RESPONSE IN NON-B CLADE HIV INFECTION	\$270,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	F32AI072994	PATHOBIOLOGY AND SMALL-MOLECULE INHIBITION OF ARENAVIRUS INFECTION	\$47,005
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI070306	SEX CHROMOSOME EFFECTS IN LUPUS	\$189,456
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072933	ROLE OF SECRETED NS1 AND ANTI-NS1 ANTIBODIES IN DENGUE PATHOGENESIS	\$49,646
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI071803	POTENT NEW NUCLEOSIDE ANALOGS FOR DRUG RESISTANT HIV	\$305,925

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067752	INNATE IMMUNITY AND THE IKKI COMPLEX IN RHEUMATOID ARTHRITIS (RA) SYNOVIUM	\$341,020
2008	STANFORD UNIVERSITY	CA	F32AI069728	PROBING SERINE PROTEASE PATHWAYS IN P. FALCIPARUM	\$51,278
2008	ID FISH TECHNOLOGY INC	CA	R44AI056785	Plasmodium Genus and PFV Fluorescent In Situ Hybridization (FISH) Assay Kit for d	\$829,699
2008	ARRAYOMICS INC	CA	R43AI077249	LIQUID ARRAY PROTEIN ASSAY PLATFORM	\$99,999
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	P01AI074621	Determinants of HIV Transmission	\$4,053,572
2008	UNIVERSITY OF SAN FRANCISCO	CA	R15AI074029	MECHANISMS OF CELL SIGNALING BY THE HUMAN CYTOMEGALOVIRUS US27 GENE PRODUCT	\$212,321
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI047140	REVERSE GENETICS OF ARENAVIRUSES.	\$210,572
2008	STANFORD UNIVERSITY	CA	R01AI051321	STRUCTURAL BIOLOGY OF SHARED CYTOKINE SIGNALING RECEPTORS	\$292,500
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI020038	REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	\$360,779
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040696	REGULATION OF HBV REPLICATION BY THE IMMUNE SYSTEM	\$473,750
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI067952	AAV AND THE DNA DAMAGE MACHINERY	\$406,787
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R37AI041239	Analysis of the Neonatal Fc Receptor/IgG Interaction	\$332,184
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069401	UCLA LOS ANGELES BRAZIL AIDS CONSORTIUM	\$2,284,062
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI060040	ANTIGEN PROCESSING IN THE SECRETORY PATHWAY	\$318,118
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI066146	DEVELOPMENT OF IMMUNE MODULATORS VIA CHEMICAL GENETICS	\$451,272
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI064086	Improving Antiretroviral Management for HIV	\$161,022
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056034	KINETOPLASTID SL RNA BIOGENESIS	\$346,675
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039001	MICROBICIDAL PROTEINS FROM PLATELETS	\$343,245
2008	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	U01AI069496	SAN FRANCISCO VACCINE AND PREVENTION UNIT	\$663,630
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI059709	IMMUNOMODULATION OF INFLAMMATORY DISEASE BY ATORVASTATIN	\$417,044
2008	STANFORD UNIVERSITY	CA	R01AI017892	Human Population Diversity in Leukocyte Receptors	\$260,446
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI042549	HIV INDUCED CELLULAR PATHOLOGY	\$332,253
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K23AI064161	IMPROVING ASSESSMENT OF MRSA & VRE TRANSMISSION IN ICUS	\$133,920
2008	ROCHE PALO ALTO LLC	CA	R01AI057471	MOLECULAR MECHANISMS OF AUTOREACTIVE B CELL ACTIVATION	\$232,541
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI065244	THE DETERMINANTS OF T CELL ACTIVATION IN HIV INFECTION	\$148,722

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2008	STANFORD UNIVERSITY	CA	R01AI065504	MOLECULAR BASIS OF GAMMA DELTA TCR LIGAND RECOGNITION	\$362,764
2008	STANFORD UNIVERSITY	CA	R01AI038459	GENETIC AND CELLULAR BASICS OF H. PYLORI PATHOGENESIS	\$393,827
2008	STANFORD UNIVERSITY	CA	R01AI042801	EPIDEMIOLOGY OF HELICOBACTER PYLORI TRANSMISSION	\$681,962
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI061598	TYPE III SECRETION IN BORDETELLA	\$353,339
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI038201	HIV 1 NEF AND VIRAL INFECTIVITY	\$365,740
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059714	Immune Tolerance in Non-clonal Immune Systems	\$352,533
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI063107	Mechanisms of humoral immunity development and function to the smallpox vaccine	\$441,363
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K02AI057563	MOLECULAR MECHANISMS OF GENE REGULATION IN CHLAMYDIA	\$94,769
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI068320	SLAT: A novel GEF coordinating actin remodeling and Ca2+ signaling in T cells	\$451,986
2008	STANFORD UNIVERSITY	CA	R01AI022039	Interactions Between HLA Class I and Cytolytic Lymphocytes	\$332,896
2008	STANFORD UNIVERSITY	CA	T32AI007328	Molecular Basis of Host Parasite Interaction	\$559,006
2008	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R37AI029329	ENHANCING THE INTRACELLULAR FUNCTIONING OF ANTI-HIV RNAS	\$645,362
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI064314	UNIQUE NEISSERIA MENINGITIDIS B CAPSULAR EPITOPES	\$602,870
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI045809	REGULATION OF T CELL HOMEOSTASIS AND SURVIVAL	\$440,665
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI057932	STRUCTURAL DETERMINANTS OF HUMAN IMMUNITY TO ANTHRAX	\$372,298
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01DK078013	ACHIEVING THERAPEUTIC ANTIGENT-SPECIFIC TOLERANCE IN TYPE 1 DIABETES	\$431,123
2008	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007354	Molecular Basis of Viral Pathogenesis	\$255,679
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052430	THE ROLE OF CRYOPYRIN IN AUTOINFLAMMATORY DISEASES	\$373,565
2008	CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	R01AI064590	EARLY T CELL CHECKPOINT VIOLATION IN NOD MICE	\$341,418
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	F31AI061837	REGULATION AND FUNCTION OF ANTHRAX TOXIN RECEPTOR 1	\$31,037
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI071204	DIVERSITY-GENERATING RETROELEMENTS IN PHAGE AND BACTERIAL GENOMES	\$353,907
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI030537	GENE EXPRESSION IN TRICHOMONAS VAGINALIS	\$323,350
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070390	USING LIPIDS FOR VACCINATION	\$736,674
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007469	Training in Molecular and Cell Biology of Allergy	\$379,813

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2008	STANFORD UNIVERSITY	CA	R01AI048540	MOLECULAR PRINCIPLES OF TCR RECOGNITION AND ACTIVATION BY PEPTIDE-MHC	\$276,498
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052289	SIGNAL TRANSDUCTION IN ENTEROCOCCI	\$396,601
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070891	COCCIDIOIDOMYCOSIS:GENOME COMPARISON, SELECTION AND TRANSCRIPTION.	\$397,021
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R56AI075045	RESISTANCE OF MALARIA PARASITES TO ARTEMISININ-BASED COMBINATION THERAPIES	\$617,996
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI075039	Specificity and in vivo function of the Naip/Nlrc4 inflammasomes	\$338,666
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI076040	THE MHC-I, HIV-1 NEF, AP-1 COMPLEX	\$202,185
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI079705	MOLECULAR MECHANISMS IN THE GENERATION OF AUTOANTIBODIES AND LUPUS	\$381,250
2008	CYTODESIGN INC	CA	R43AI079994	PROTEOLYTIC ANTIBODIES FOR BIODEFENSE	\$300,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI025825	Molecular Characterization of FIV	\$371,799
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U19AI070535	Airway inflammation and airway remodeling	\$1,429,942
2008	STANFORD UNIVERSITY	CA	F32AI080093	RECONSTITUTION OF POLIOVIRUS AND HCV RNA REPLICATION COMPLEXES ON MEMBRANES	\$44,846
2008	MOLECULAR EXPRESS, INC	CA	U01AI074508	NON-VIRAL PANDEMIC INFLUENZA VACCINE DEVELOPMENT	\$1,001,081
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059614	PRODUCTION OF ANTIBODIES IN ALGAE FOR BIODEFENSE	\$396,601
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI055352	NOVEL ANTIMICROBIAL AGENTS AGAINST M. TUBERCULOSIS	\$454,104
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	K08AI068421	T REGULATORY CELLS AND HIV LATENCY	\$102,600
2008	STANFORD UNIVERSITY	CA	K08AI079406	NOVEL ANTVIRAL TARGETS IN HEPATITIS C VIRUS NS4B PROTEIN	\$130,599
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI069989	AN IN VITRO SYSTEM TO STUDY ANTIVIRAL STRATEGIES AGAINST HEPATITIS C VIRUS	\$105,570
2008	CEDARS-SINAI MEDICAL CENTER	CA	K08AI070162	INNATE IMMUNITY AND MOUSE MODEL OF KAWASAKI DISEASE	\$129,720
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI049453	THE MOLECULAR BASIS OF OX40 ON CD4 T CELLS	\$425,250
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI071433	CHARACTERIZING THE WHITE/OPAQUE PHENOTYPIC SWITCH CIRCUITRY IN CANDIDA ALBICANS	\$52,898
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI066244	GENOMICS OF COENZYME METABOLISM IN BACTERIAL PATHOGENS	\$405,217
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI070091	ANTIFUNGAL DRUG SUSCEPTIBILITY OF CRYPTOCOCCUS NEOFORMANS	\$319,806

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2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI067354	PROPERTIES OF IMMUNE-PRIVILEGED STO-PROGENITOR CELLS	\$189,456
2008	J DAVID GLADSTONE INSTITUTES	CA	R21AI080409	EFFECTS OF MENOPAUSE ON T-CELL IMMUNITY IN HIV-INFECTED WOMEN	\$390,000
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI077780	GAS Switch from Colonizing Bacterium to Invasive Pathogen	\$371,146
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI079302	A NOVEL APPROACH TO THE DEVELOPMENT OF A SYPHILIS VACCINE USING RABBIT MONOCLONAL	\$231,000
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	RC1AI080223	A(1-7)-MEDIATED MITIGATION OF RADIATION INDUCED THROMBOCYTOPENIA	\$907,390
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI074057	OPTIMIZATION OF HPMPA AND CDV ANALOGS FOR TREATMENT OF SMALLPOX	\$551,277
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	RC1AI080976	NORLEU3-A(1-7): ENHANCED RECOVERY OF RADIATION BURNS	\$942,319
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI074022	A NOVEL COMPUTATIONAL MODEL OF B CELL SIGNALING AND ACTIVATION	\$281,623
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI079043	INNATE CONTROL OF HEPATITIS C VIRUS INFECTION: ANTIVIRAL AND EVASION MECHANISMS	\$473,750
2008	VAXART INC	CA	R43AI074216	ENHANCED ORAL VACCINE DELIVERY VEHICLE	\$300,000
2008	STANFORD UNIVERSITY	CA	R21AI069160	ANTI-FIBRINOGEN AUTOIMMUNITY IN RHEUMATOID ARTHRITIS	\$205,694
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076614	TRANSLATIONAL STUDIES OF PLASMODIUM FALCIPARUM INFECTION DYNAMICS	\$121,770
2008	PARALLEL SYNTHESIS TECHNOLOGIES	CA	R43AI081466	MULTIPLEXED PCR ON OPTICALLY ENCODED BEADS	\$196,986
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R13AI068368	Palm Springs Symposia on HIV/AIDS	\$15,000
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	T32AI060573	Immunology Research Training Grant	\$164,820
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F31AI075609	ROLE OF THE MHC CLASS II TRANACTIVATOR GENE IN LUPUS AND RHEUMATOID ARTHRITIS	\$30,803
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070967	IN VIVO ANALYSIS OF T LYMPHOCYTES IN THE PERSISTENTLY INFECTED CNS	\$464,749
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI067943	SURVIVAL ANALYSIS METHODS FOR TRANSPLANTATION STUDIES	\$211,006
2008	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI065937	B CELL REGULATION OF DIABETOGENIC ACTIVITY	\$446,355
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI076544	THE IDENTIFICATION OF RISK FACTORS FOR THE COMPLEX MS PHENOTYPE	\$737,415
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI076852	RECEPTOR DECOY INHIBITOR OF ANTHRAX TOXIN	\$496,525
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI072996	QUANTITATIVE ANALYSIS OF CELLULAR SIGNALING IN VIRAL LATENCY	\$46,826

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI034238	POPULATION BASED MOLECULAR EPIDEMIOLOGY OF TUBERCULOSIS	\$769,038
2008	CEDARS-SINAI MEDICAL CENTER	CA	R01AI071116	Dectin-1 Signaling Mechanisms	\$397,500
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070845	INOSITOL-TRISPHOSPHATE KINASE B (ITPKB) IN T CELL DEVELOPMENT AND FUNCTION	\$473,750
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI078000	Structure-Function Studies of the Proton-Gated Urea Channel from H. Pylori	\$425,736
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI052065	HCV AND HIV PROGRESSION IN WOMEN ON HAART	\$533,057
2008	STANFORD UNIVERSITY	CA	R01AI020459	Varicella-Zoster Virus: T Cell/Skin Tropism & Immunity	\$364,578
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI053878	PULMONARY INTERACTIONS WITH INNATE IMMUNITY	\$359,276
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067981	MECHANISMS OF DINITROANILINE ACTION, SELECTIVITY AND RESISTANCE	\$327,852
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI047868	ROLE OF TOLL-LIKE RECEPTORS IN SKIN	\$323,350
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI057709	MECHANISMS OF CPG-INDUCED INHIBITION OF ALLERGIC ASTHMA	\$242,899
2008	STANFORD UNIVERSITY	CA	R01AI053724	INVESTIGATING ENTAMOEBIA HISTOLYTICA COLONIC PATHOGENESIS	\$392,708
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069536	UNIVERSITY OF CALIFORNIA, SAN DIEGO CLINICAL TRIAL UNIT	\$1,127,587
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI050663	CROSS-TALK AMONG MOSQUITO AND MAMMALIAN IMMUNE FACTORS	\$298,344
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI057020	HIV-Specific T Cell Responses in Rectal Mucosa	\$370,139
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030663	Initiation of allergic immunity by parasites	\$380,613
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI056931	THE IMPACT OF HLA IN CHILDREN RECEIVING HAART	\$121,770
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059572	POTENT AND SAFE INHIBITORS OF B. ANTHRACIS LETHAL FACTOR	\$626,723
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K08AI056212	THYMECTOMY AND IMMUNITY IN CONGENITAL HEART DISEASE	\$116,370
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI035021	ROLE OF MHC MOLECULES IN NK RECOGNITION	\$203,834
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R01AI059447	PHOSPHOLIPID SIGNALING IN B LYMPHOCYTES	\$854,549
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI022553	Molecular Analysis of Host Immune Response in Leprosy	\$482,972
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI059091	GRANULYSIN: ANTIMICROBIAL/ANTI-INFLAMMATORY ROLE IN ACNE	\$359,276
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI064584	Selective Instructions for Memory T Cells	\$441,363

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2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R37AI048034	REGULATION OF NF-KAPPA B	\$811,614
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI044615	Cyclin T and HIV1 Tat Transactivation	\$563,259
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI021678	ANAEROBIC EXPRESSION OF FUMARATE REDUCTASE IN E. COLI	\$353,339
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069120	Viral Mediated Type I Interferon Induction	\$323,656
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI064811	JAML: A New Costimulatory Molecule for Gamma Delta T Cells	\$451,272
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI054693	Kinesin function in mitosis and automixis in the widespread parasite Giardia inte	\$403,214
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072133	WHOLE CELL AND ESSENTIAL ENZYME SCREENING ASSAYS FOR MYCOTHIOL BIOSYNTHESIS	\$265,238
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI065537	Visualizing of Immune Responses to Toxoplasma Gondii	\$334,085
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI059827	IL-15RA AND NK CELL FUNCTION	\$317,070
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI040567	Brain Endothelial Cell Receptor for Escherichia coli	\$375,067
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055540	THERAPEUTICS TO PREVENT/TREAT LASSA FEVER VIRUS	\$440,665
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI060662	MOLECULAR MECHANISM OF PATHOGENESIS	\$347,357
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI071182	Innate Regulation of Adaptive Immunity	\$451,272
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI074043	IN VIVO ADA GENE DELIVERY FOR THE TREATMENT OF SCID	\$483,204
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI041570	Gene Targeted Mice with a Simplified Immune System	\$317,070
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI064520	HUMAN NATURAL KILLER CELL BIOLOGY	\$1,377,447
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	P01AI058105	VIRUSES AND AUTOIMMUNITY POI	\$1,130,078
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI057532	ANALYSIS OF HOST DEFENSE GENES TO TOXOPLASMA GONDII	\$279,288
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI062279	IMMUNE CORRELATES OF PROTECTION IN DRUG-RESISTANT HIV	\$121,770
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI059311	RISK FACTORS FOR ECZEMA VACCINATUM IN ATOPIC DERMATITIS	\$383,693
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065519	SYSTEMATIC GENETIC ANALYSIS OF FUNGAL VIRULENCE	\$348,043
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI074653	ANALYSIS OF A NOVEL HUMAN FACTOR THAT INHIBITS HIV-1	\$232,374
2008	SAN DIEGO STATE UNIVERSITY, FOUNDATION	CA	R01AI058253	NOVEL ANTIBIOTICS THAT TRAP HOLLIDAY JUNCTIONS	\$445,211
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	U01AI067068	HLA and KIR Genomics in Inflammatory Bowel Disease	\$1,994,718
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI057512	YERSINIA PESTIS BIOFILMS ON C. ELEGANS	\$287,421

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI072180	TOWARDS DEVELOPING TYPE 1A HCV CELL CULTURE MODEL	\$188,843
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI067065	ASSESSING ANTIRETROVIRAL EXPOSURE IN DIVERSE POPULATIONS	\$121,690
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI055926	Structural Basis of Large T Helicase Function in SV40 DNA Replication	\$354,809
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI063973	PHENOTYPES OF HIV-1 INTEGRASES	\$276,342
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI058106	TLR2 IN SEPSIS-INDUCED COAGULOPATHY, ENDOTHELIAL LEAK, AND PULMONARY DYSFUNCTION	\$262,650
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068150	Signaling by Cytoplasmic Tyrosine Kinases in Leukocytes	\$294,179
2008	STANFORD UNIVERSITY	CA	R01AI070813	EXPRESSION AND MODULATION OF MAST CELL FUNCTION IN ASTHMA	\$477,611
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI029746	Expression of Exogenous Genes in Vector Mosquitoes	\$338,077
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	U01AI069428	UNIVERSITY OF SOUTHERN CALIFORNIA CLINICAL TRIALS UNIT	\$2,031,364
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K01AI074810	EMERGENCE OF HUMAN MONKEYPOX IN CENTRAL AFRICA	\$121,770
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K23AI066983	HIV and Hepatitis B Coinfection: Hepatitis B Genotype, Resistance and Outcomes	\$123,390
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI078869	INNATE IMMUNE REGULATION OF INFLAMMATION AND ADAPTIVE IMMUNITY	\$1,805,168
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067927	EBOLA VIRAL GLYCOPROTEINS: STRUCTURAL ANALYSIS	\$451,272
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	T32AI007620	TRAINING IN INFECTIOUS DISEASES AND IMMUNITY RESEARCH (T32 AI007620)	\$151,272
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R03AI066037	REGULATION OF PLASMA CELL DIFFERENTIATION BY PI3-KINASE	\$93,686
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U19AI060614	MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$4,184,742
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	T32AI007370	BIOSTATISTICS TRAINING FOR AIDS RESEARCH	\$229,973
2008	NEXBIO INC	CA	U01AI070281	DEVELOPMENT OF FLUDASE AS AN ANTI-INFLUENZA AGENT	\$1,785,659
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI074059	EID - EFFECTS OF AVIAN MIGRATION & ANTHROPOGENIC CHANGE ON THE DISTRIBUTION & TRA	\$642,156
2008	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	R13AI080055	HIV IMMUNOLOGY SYMPOSIUM-UGANDA AIDS CONFERENCE	\$22,000
2008	MOLECULAR EXPRESS, INC	CA	R43AI077119	LIPOSOMAL ADJUVANT FOR VACCINE DEVELOPMENT	\$299,985

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2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI069993	TARGETING NEUTRALIZING ANTIBODY-DEFINED SITES ON HIV GP41 FOR VACCINE DESIGN	\$464,749
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI063286	The Role of PIAS1 in Immune Regulation	\$359,276
2008	ICHOR MEDICAL SYSTEMS	CA	R43AI080043	NOVEL INTEGRATED CLINICAL ELECTROPORATION TECHNOLOGY FOR DERMAL DNA VACCINATION	\$183,536
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007036	Research in Infectious Disease	\$308,515
2008	UNIVERSITY OF CALIFORNIA-SANTA CRUZ	CA	R56AI055987	SMOOTH TO RUGOSE PHASE VARIATION IN VIBRIO CHOLERAE	\$355,910
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K08AI076429	A NOVEL MODEL OF AUTOSOMAL DOMINANT AUTOIMMUNITY	\$130,842
2008	DYNAVAX TECHNOLOGIES CORPORATION	CA	R44AI066483	DEVELOPMENT OF AN INHIBITORY OLIGONUCLEOTIDE FOR THE TREATMENT OF LUPUS	\$878,519
2008	HHV-6 FOUNDATION	CA	R13AI078745	SUPPORT FOR INTERNATIONAL CONFERENCE ON HUMAN HERPESVIRUS 6 & 7	\$6,000
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI057870	CHARACTERIZATION OF ANTHRAX TOXIN RECEPTOR INTERACTIONS	\$319,442
2008	UNIVERSAL STABILIZATION TECHNOLOGIES INC	CA	R43AI080035	FORMULATION OF AMBIENT TEMPERATURE AND HUMIDITY STABLE RABIES VACCINES FOR ORAL D	\$125,786
2008	STANFORD UNIVERSITY	CA	R01AI073756	Strain-specific Host-Pathogen Interactions in Toxoplasmosis	\$388,343
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077822	NOVEL THERAPEUTICS FOR CLASS B PROTOZOA	\$1,300,001
2008	MOLECULAR EXPRESS, INC	CA	R44AI066621	GENITAL HERPES VACCINE DISCOVERY	\$992,626
2008	SALK INSTITUTE FOR BIOLOGICAL STUDIES	CA	R01AI077058	TAM RECEPTOR REGULATION OF INNATE IMMUNITY	\$478,750
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI076961	HYDROGEN DEUTERIUM EXCHANGE MAPPING OF CHEMOKINE RECEPTOR COMPLEX INTERFACES	\$193,125
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R03AI076011	SUPPRESSORS OF CYTOKINE SIGNALING (SOCS) IN HAART-TREATED HIV INFECTION	\$78,240
2008	APPLIED BIOTECHNOLOGY INSTITUTE INC	CA	R43AI068239	AN ORALLY DELIVERED HEPATITIS B VACCINE	\$295,171
2008	INVESTIGEN INC	CA	R43AI079996	A RAPID, POC ARRAY MDR/XDR-TB GENOTYPING.	\$293,209
2008	STANFORD UNIVERSITY	CA	R56AI076434	NEW PERSPECTIVE ON INNATE ANTIBODIES IN MICE	\$409,029
2008	STANFORD UNIVERSITY	CA	R01AI066922	HIV-1 DRUG RESISTANCE IN DIFFERENT SUBTYPES	\$737,062
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI079031	Understanding human neutralizing antibodies to hepatitis C virus	\$473,750

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2008	NOVADIGM THERAPEUTICS INC	CA	R43AI074126	RECOMBINANT LISTERIA MONOCYTOGENES EXPRESSING ALS3: A VACCINE AGAINST CANDIDIASIS	\$298,561
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI070902	THE IMMUNOGENETICS OF MACAQUES USED IN BIODEFENSE RESEARCH	\$411,750
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI050143	Regulation of Sialoside Expression in Leukocytes	\$473,750
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052116	Cytoskeletal Regulation of T cell Motility and Synaptic Signaling	\$380,297
2008	CURE LAB INC	CA	R43AI077192	MODIFICATION OF CONSERVED INFLUENZA GENES ENABLING THEIR ELEVATED EXPRESSION	\$103,180
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI072391	INTEGRATIVE EXPERIMENTAL AND THEORETICAL STUDIES OF THE MECHANICS OF PHAGOCYTOSIS	\$328,540
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R03AI070651	A BIOINORGANIC APPROACH TO ANTHRAX LETHAL FACTOR INHIBITORS	\$75,782
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI073656	INTERLEUKIN-2 AND AUTOIMMUNE DISEASE	\$385,521
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI068896	FUNCTION OF MICRORNA IN PRO-INFLAMMATORY GENE EXPRESSION	\$464,749
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI076670	CERVICAL MATURITY, MUCOSAL IMMUNITY, AND CHLAMYDIA TRACHOMATIS INFECTION	\$124,200
2008	STANFORD UNIVERSITY	CA	R01AI039624	T-CELLS IN LUNG INFLAMMATION	\$351,779
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI036964	EPITHELIAL T CELL SECRETION OF TISSUE SPECIFIC CYTOKINES	\$426,375
2008	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R03AI074465	FEASIBILITY OF CCR5 INHIBITORS IN PREVENTING MATERNAL TO INFANT SIV TRANSMISSION	\$78,140
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	F32AI075837	EXAMINATION OF THE ROLE OF C-ABL IN B CELL DEVELOPMENT	\$46,826
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI030475	TRANSLATION REGULATION IN GIARDIA LAMBLIA	\$431,221
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	P01AI053194	MUCOSAL IMMUNE BARRIER IN INFECTION AND IMMUNITY	\$1,825,211
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073868	SELECTIVE GENE ACTIVATION BY THE NF-KAPPAB FAMILY OF TRANSCRIPTION FACTORS	\$370,542
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI021786	REGULATION OF THE DEVELOPMENT OF TRYPANOSOMA BRUCEI	\$352,300
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI068129	NK Memory	\$355,524
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069502	UCSF HIV CLINICAL TRIALS UNIT	\$1,028,280
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI044170	Virulence Factors of Salmonella	\$376,231
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI022501	LYME DISEASE IN WESTERN USA: ECOLOGY AND EPIDEMIOLOGY	\$353,462

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2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI050839	THE EFFECT OF SEX CHROMOSOMES ON IMMUNE RESPONSES	\$359,276
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI069436	UZ-UCSF CLINICAL TRIALS UNIT	\$8,250,149
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI046776	MECHANISMS OF IMMUNE TOLERANCE INDUCED IN MURINE LUPUS	\$444,228
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067460	CYTOKINE GENE REGULATION BY MODIFICATION OF ARGININE RESIDUES	\$451,272
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047163	MECHANISM OF HOST CELL INVASION BY MICROBIAL PATHOGENS	\$206,864
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI039987	ANTIFUNGALS FROM MARINE INVERTEBRATES --AIDS ADJUVANTS	\$353,572
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI061164	ROLE OF THE TIM-2 RECEPTOR IN IMMUNITY AND AUTOIMMUNITY	\$368,944
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI011744	COORDINATION CHEMISTRY OF MICROBIAL IRON TRANSPORT COMPOUNDS	\$324,363
2008	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI012520	MECHANISM OF INTERFERON ACTION	\$336,317
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061772	AMBIENT TLR LIGAND EXPOSURES AND THE GENESIS OF ASTHMA	\$287,421
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI069424	UCLA AIDS PREVENTION AND TREATMENT CLINICAL TRIALS UNIT	\$2,327,803
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI064653	RNA URIDYLYTRANSFERASES OF TRYPANOSOMES	\$344,902
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI029672	B CELL REPERTOIRE FORMATION	\$396,601
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI059647	C. TRACHOMATIS GENOMICS, STRAIN TYPING, AND EVOLUTION	\$533,583
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056258	MOLECULAR PATHOGENESIS OF LEPTOSPIROSIS	\$570,185
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI058153	MATHEMATICAL MODELS OF PROGRAMMED CTL PROLIFERATION	\$106,389
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI063426	Genes regulating M cell differentiation	\$313,932
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI063927	BACTERIAL STI AND INNATE IMMUNITY IN HIV SUSCEPTIBILITY	\$565,711
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K08AI062758	SALMONELLA-INDUCED CYTOPATHOLOGY IN HUMAN MACROPHAGES	\$119,058
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052359	ROLE OF RIP2 IN BIODEFENSE AGAINST LISTERIA INFECTION	\$323,350
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052142	CLINICAL & MOLECULAR STUDIES OF DRUG RESISTANT MALARIA	\$428,734
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055475	Synthesis of Anti-Infective Agents	\$572,870
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI059829	IMMUNOGENETIC STUDIES OF AUTOIMMUNE DISEASE	\$352,570
2008	SCRIPPS RESEARCH INSTITUTE	CA	T32AI007244	Immunology Training Grant	\$452,179

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2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI058129	PHYSIOLOGIC PEPTIDE CYCLIZATION IN MYELOID CELLS	\$354,625
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI066014	Mosquitocidal Action of Bacillus thuringiensis Toxins	\$294,182
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI057167	MODELING HIV ESCAPE FROM NEUTRALIZING ANTIBODY RESPONSES	\$232,319
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067545	T cell maintenance: molecular mediators of T cell differentiation and survival	\$316,964
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI031650	REGULATION OF MHC DEPENDENCE OF GAMMA DELTA T CELLS	\$352,137
2008	STANFORD UNIVERSITY	CA	R01AI071068	Acute/chronic limitations to transcriptional RNAi therapies for infectious and other liver diseases	\$377,376
2008	STANFORD UNIVERSITY	CA	R01AI065972	THE CELL BIOLOGY OF THEILER'S VIRUS PERSISTENCE IN CNS	\$323,648
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI062677	CLINICAL STUDIES OF INTERACTIONS BETWEEN HIV AND MALARIA	\$816,761
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI072615	DIFFERENTIAL PROTEOME ANALYSIS ON PLASMODIUM FALCIPARUM AFTER DRUG EXPOSURE	\$159,515
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R13AI077292	CYTOKINES IN HEALTH AND DISEASE: 15TH ANNUAL MEETING OF THE INTERNATIONAL CYTOKIN	\$8,000
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI052453	Cathelicidin in Skin Immunity	\$378,911
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061796	REGULATION OF ASTHMA BY BTK AND FAMILY KINASES	\$441,363
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075443	DEVELOPMENT OF BOTULINUM NEUROTOXIN IMMUNOTHERAPY, SEROTYPES C, D, F, AND G	\$742,658
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI077099	T CELL RESPONSE TO DENGUE VIRUS	\$231,761
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K23AI066901	PHARMACOKINETICS AND PATHOGENESIS OF TREATMENT RESPONSES	\$121,770
2008	STANFORD UNIVERSITY	CA	R03AI063576	COMPARATIVE GENOMICS AND PATHOGENESIS OF TUBERCULOSIS	\$66,798
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI062770	MOLECULAR PATHWAYS TO T-LINEAGE COMMITMENT	\$359,276
2008	STANFORD UNIVERSITY	CA	U01AI037127	ONTOGENY OF MEASLES IMMUNITY IN INFANTS	\$390,317
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI068549	HIV EPITOPE SPECIFIC T CELL RESPONSES AND CONTROL OF HIV REPLICATION	\$189,354
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI073147	FCY RECEPTOR POLYMORPHISMS AND RISK OF HIV INFECTION	\$211,760
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI067890	HVEM-BTLA system in inflammation	\$465,485
2008	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI072618	REGULATION OF T CELL CCR10 BY SUNLIGHT AND VITAMIN D	\$343,350

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2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072504	VARIABLE PROTEINS OF DIVERSITY-GENERATING RETROELEMENTS	\$296,105
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI059346	STUDIES OF ALPHA-DEFENSINS IN PRIMATE INNATE IMMUNITY	\$354,059
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070351	EFFECTS OF INSULIN-DEPENDENT DIABETES RESISTANCE ALLELES ON CD8 TOLERANCE IN NOD	\$793,076
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI077703	Physical Principles of Bacterial Toxin Translocation across Membranes	\$365,929
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI077012	NOVEL MOLECULES THAT DEFINE VIRAL PERSISTENCE	\$203,163
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI025008	POLYSACCHARIDE ANTIBODY REPERTOIRES	\$499,292
2008	IBIS BIOSCIENCES INC	CA	R44AI078694	RAPID HIGH-THROUGHPUT MYCOBACTERIUM TUBERCULOSIS GENOTYPING	\$370,778
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI072052	MECHANISMS OF ALS VACCINE PROTECTION AGAINST S. AUREUS	\$348,720
2008	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI059635	NOVEL DENDRITIC CELL CHEMOATTRACTANT AND RECEPTOR	\$325,557
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R21AI073467	IMPACT OF FLUOROQUINOLONE RESISTANCE ON PSEUDOMONAS VIRULENCE AND PATIENT OUTCOME	\$203,750
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI067745	GENETICS OF INNATE IMMUNITY IN HUMAN LEPTOSPIROSIS IN BRAZIL	\$174,967
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI067403	MUTATIONAL AND BIOCHEMICAL ANALYSIS OF FGD2 AND FGD3	\$371,799
2008	UNIVERSITY OF CALIFORNIA	CA	F32AI074329	A NOVEL CLASS OF GLYCOCONJUGATES FOR THE PREVENTION OF HIV ENTRY	\$46,826
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI032178	PLASMID-MEDIATED VIRULENCE IN SALMONELLA	\$353,462
2008	SOCIOMETRICS CORPORATION	CA	R43AI080323	HIV/AIDS TRAINING, TECHNICAL ASSISTANCE AND INFORMATION EXCHANGE CENTERS (HATTIE)	\$272,565
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI078791	VIROCIDE AS AN ANTI-HIV MICROBICIDE CANDIDATE	\$236,875
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044238	SPECIES-SPECIFIC REGULATED TRANSPOSITION IN MOSQUITOES	\$351,413
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI070771	X-ray diffraction analysis of human adenoviruses	\$473,750
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI072134	PROPHYLACTIC AND THERAPEUTIC IMMUNIZATION AGAINST H. PYLORI IN RHESUS MACAQUES	\$153,392
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	R56AI041404	STRUCTURE AND FUNCTION OF RIBONUCLEOPROTEIN COMPLEXES MODULATING HIV REPLICATION	\$477,500

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R03AI068550	MEASURING THE QUALITY OF HIV/AIDS CARE IN MEXICO	\$62,591
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI073148	Knock-in mice expressing germline-reverted broadly neutralizing HIV antibodies	\$464,749
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI073099	Role of viral BCI-2 mediated anti-apoptosis and-autophagy	\$399,758
2008	MOLECULAR EXPRESS, INC	CA	R43AI074163	VIRUS ELECTRODES FOR FUNGAL PATHOGEN DETECTION	\$300,000
2008	MOLECULAR EXPRESS, INC	CA	R43AI075690	THERMAL TARGETING OF ANTIMICROBIAL DRUGS TO SITES OF INFECTION	\$300,000
2008	PANORAMA RESEARCH, INC	CA	R43AI074120	NOVEL MULTIPLEX ASSAY FOR SEPSIS BIOMARKERS	\$261,520
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R56AI074952	STRUCTURAL IMMUNOLOGY OF CD1 AND CD1-TCR COMPLEXES	\$411,750
2008	STANFORD UNIVERSITY	CA	R21AI069382	IDENTIFICATION OF TRANSCRIPTIONAL REGULATORY NETWORKS IN ENTAMOEBIA HISTOLYTICA	\$193,748
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R21AI080397	ASSESSING THE CLINICAL CONSEQUENCES OF HIV DRUG RESISTANCE	\$193,125
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI077719	ANTI-INTERFERON ACTIVITY OF THE ARENAVIRUS NUCLEOPROTEIN	\$471,125
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R56AI077791	GENETICS MODIFIERS OF ANTHRAX LETHAL TOXIN INDUCED PATHOPHYSIOLOGY	\$339,838
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078477	PROTECTIVE IMMUNITY AGAINST HIV: THE ROLE OF IGG SUBCLASS AND GLYCOSYLATION	\$239,250
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI071233	INTERFERON ACTIONS AND AUTOIMMUNE DISORDERS	\$372,055
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI065605	RISK FACTORS AND SUSCEPTIBILITY IN GONOCOCCAL INFECTION	\$373,128
2008	UNIVERSITY OF CALIFORNIA	CA	R03AI065567	ROLE OF EOTAXIN-3/CCL26 IN ALLERGIC ASTHMA	\$74,066
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI072429	Regulation of TLR trafficking for proper self versus non-self discrimination	\$334,097
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI053728	A MENINGOCOCCAL LOS VACCINE	\$380,138
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	U01AI077953	THERAPEUTIC FULLY HUMAN MONOCLONAL ANTIBODIES AGAINST VACCINA VIRUS AND SMALLPOX	\$2,160,000
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R37AI038425	Eosinophil trafficking and chronic tissue damage induced by allergic inflammation	\$341,020
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI067888	RECOMBINANT C. TRACHOMATIS VACCINE	\$369,886
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI072117	Regulation of CD8 immunity to intracellular infections	\$386,250
2008	ADVANCED GENETIC SYSTEMS INC	CA	R43AI076143	A SMALL MOLECULE SCREEN TO TARGET VIRAL RNA-PROTEIN COMPLEXES	\$238,974

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2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI072543	Tfh and SAP and T cell help to B cells	\$472,500
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069317	ENVELOPE-RECEPTOR INTERACTIONS IN NIPAH AND HENDRA VIRUS PATHOBIOLOGY	\$332,651
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI052217	Cell Surface Protein Anchoring and Function in Gram-Positive Bacteria	\$324,491
2008	UNIVERSITY AUXILIARY & RESEARCH SERVICES CORPORATION	CA	R15AI064175	MHC CHARACTERIZATION IN CHINESE RHESUS MACAQUES	\$234,450
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI039108	Mechanisms of Staphylococcal Co-Resistance to Daptomycin and Host Defense Peptide	\$333,689
2008	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI034431	Outer Membrane Proteins of Pathogenic Leptospira Species	\$304,373
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI051970	IMMUNE PRESSURE ON HIV-1 NEF BY CYTOTOXIC T LYMPHOCYTES	\$425,113
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI037988	Cell Biology and Genetics of T Cell Activation and Death	\$386,250
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI021372	THE REGULATION OF T CELL DEVELOPMENT	\$456,299
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI069952	STATISTICAL METHODS FOR MODELING HEPATITIS C FIBROSIS PROGRESSION	\$178,477
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R01AI045741	HERMES ELEMENT TRANSPOSITION IN MOSQUITOES	\$419,895
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI052813	Mechanisms of Bartonella Virulence in AIDS Patients	\$457,818
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI057695	SNPS IN HANDLING OF SMALL POX ANTIVIRALS AND OTHER DRUGS	\$367,967
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI056154	Mechanisms of Biodefense by Toll-Like Receptors	\$347,401
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI050265	A Comprehensive Study of a Novel Type of Mucosal CD4 Effector T cells	\$451,986
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI059523	ORGIN OF MULTIDRUG RESISTANT UROPATHOGENIC E. COLI	\$282,770
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI060362	CD8 T CELL REPLICATIVE SENESCENCE & HIV DISEASE	\$359,276
2008	STANFORD UNIVERSITY	CA	R01AI044095	NK CELL INTERACTIONS IN TRANSPLANTATION	\$333,872
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055509	S1P RECEPTOR SUBTYPES: REGULATING LYMPHOCYTE TRAFFICKING	\$440,665
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI052748	SOLID ORGAN TRANSPLANTATION IN HIV: MULTI-SITE STUDY	\$2,908,317
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI046643	IMMUNOMODULATION OF TRANSPLANT REJECTION BY ANTI-CD3 MAB	\$281,840
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036178	GENETIC DIVERSITY AS A DETERMINANT OF VIRAL PATHOGENESIS AND ATTENUATION	\$378,604
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068472	HIV VACCINATION VIA INHIBITION OF CYTOKINE SIGNALING INHIBITORS	\$349,348

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI061397	DOMAIN STRUCTURE AND INTERACTIONS OF HSV-1 ICP27	\$363,125
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI068978	TARGETING LENTIVIRUSES TO INFECT CHOSEN CELLS	\$574,827
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064677	IMMUNODEFICIENCY AND AUTOIMMUNITY	\$434,605
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI074521	MULTIPLEX NUCLEIC ACID DETECTION DEVICES FOR THE DIAGNOSIS OF RESPIRATORY VIRUSES	\$775,662
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI040124	ANALYSIS OF SALMONELLA TYPHIMURIUM ADHESINS	\$367,679
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045860	INTERLEUKIN 15 RECEPTOR AND LYMPHOID HOMEOSTASIS	\$331,131
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI045073	Chemokines and Lymphoid Tissue Organization and Function	\$246,610
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI042223	CD4+ T REG CELLS IN MAINTENANCE OF TRANSPLANT TOLERANCE	\$323,348
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI059799	HUMAN T-CELL EPITOPES IN SARS	\$535,318
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI022160	STRUCTURE AND ASSEMBLY OF TYPE IV PILI & RELATED SYSTEMS	\$347,149
2008	STANFORD UNIVERSITY	CA	R01AI060037	SIGNALING IN THYMOCYTE SELECTION	\$326,527
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI071104	CHAPERONE MINING OF THE CHLAMYDIA TYPE THREE SECRETION SYSTEM	\$356,560
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI022931	MOLECULAR ASPECTS OF LEUKOCYTE ANTIMICROBIAL PEPTIDES	\$354,625
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R37AI021515	HERPES SIMPLEX VIRUS GENE REGULATION	\$374,006
2008	PUBLIC HEALTH FOUNDATION ENTERPRISES, INC	CA	F32AI071772	SUPPRESSOR CD8+ T CELLS IN HIV INFECTION	\$56,702
2008	CHILDRENS HOSPITAL OF LOS ANGELES	CA	R01AI068546	UNDERSTANDING HOW HIV-1 VPU AND HIV-2 ENV STIMULATE VIRUS RELEASE	\$330,931
2008	J DAVID GLADSTONE INSTITUTES	CA	P01AI058708	MOLECULAR MECHANISMS OF HIV POST-INTEGRATION LATENCY	\$2,236,835
2008	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	U01AI075565	SENSOR TECHNOLOGY FOR RAPID MICROBIAL IDENTIFICATION AND SUSCEPTIBILITY TESTING	\$644,605
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI052778	HIV CORECEPTOR SWITCHING	\$451,272
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI066943	GENDER EFFECTS OF HIV AND HCV ON LIPODYSTROPHY, GLUCOSE DISORDERS, AND STEATOSIS	\$121,770
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI074564	NOVEL CHEMICAL AND IMMUNOLOGICAL APPROACHES TO INFLUENZA THERAPY	\$1,583,376
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R01AI044198	Mechanisms of temporal gene regulation in Chlamydia	\$338,874

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R21AI076014	BIOINFORMATIC MAPPING OF HIV-1 NEF MANIPULATION OF T-CELL ACTIVATION AND FUNCTION	\$113,306
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI067395	IMMUNOLOGICAL SECRETOMES OF THE EARLY ANTHRAX INFECTION	\$231,041
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI057473	CYTOKINE MECHANISMS IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$379,042
2008	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI042396	COMPETITION AMONG PATHOGENIC OR PROTECTIVE T CELL CLONES	\$380,902
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI051622	Dynamics of TB and MDR TB transmission in areas with high HIV prevalence	\$410,946
2008	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI053147	In vivo Analysis of RORgamma mediated Functions	\$343,093
2008	JUVARIS	CA	U01AI074512	ADJUVANT ENHANCED ANTIVIRAL IMMUNITY	\$1,586,243
2008	VACCINE RESEARCH INSTITUTE OF SAN DIEGO	CA	R01AI049730	DEVELOPMENT OF THE HBCAG AS A VACCINE CARRIER PLATFORM	\$531,825
2008	NANOGEN INC	CA	U01AI066584	DIAGNOSTICS FOR SEPSIS AND COMMUNITY-ACQUIRED PNEUMONIA	\$472,430
2008	PALO ALTO INSTITUTE FOR RESEARCH & EDUCATION, INC	CA	R01AI047822	INTESTINAL LYMPHOCYTE TRAFFICKING	\$333,393
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI060536	TRAINING IN IMMUNOLOGY	\$230,263
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI069341	MEASURING ENTOMOLOGICAL RISK FOR DENGUE	\$432,059
2008	CEDARS-SINAI MEDICAL CENTER	CA	R01AI074832	ANTIOXIDANT-BASED MECHANISMS USED BY STAPHYLOCOCCUS AUREUS TO EVADE HOST DEFENSES	\$389,948
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	T32AI007384	AIDS Training Grant	\$331,617
2008	SCRIPPS RESEARCH INSTITUTE	CA	U01AI070530	IMMUNOTHERAPEUTICS VS EBOLA SUDAN: DEVELOPMENT, STRUCTURAL & FUNCTIONAL ANALYSIS	\$728,213
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI032738	Novel Defensins in Human Epithelial Tissues	\$314,701
2008	SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE	CA	U01AI070494	DEVELOPMENT OF AN EFFECTIVE THERAPY AGAINST POST-EXPOSURE ANTHRAX	\$1,147,755
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	F32AI063912	THE SNM SECRETION SYSTEM IN MYCOBACTERIUM SMEGMATICUS	\$52,048
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077042	REACTIVE OXYGEN SPECIES IN ANTI-VIRAL AIRWAY HOST DEFENSE	\$278,849
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI078123	POLE CELL ISOLATION FROM THE MOSQUITOES, Aedes Aegypti AND Anopheles stephensi	\$190,625
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075527	NEXT-GENERATION 5-NITROIMIDAZOLES AGAINST GIARDIASIS	\$977,645

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2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069015	HCMV ENVELOPE AND TEGUMENT STRUCTURES: MECHANISMS OF VIRAL ENTRY AND ASSEMBLY	\$292,586
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI040215	Development of antigen-specific helper T cell memory	\$398,519
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	DP1OD000370	NIH DIRECTOR'S PIONEER AWARD	\$754,346
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI043477	Regulation of NF-kappaB and IKK by proinflammatory stimuli	\$424,875
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R56AI026765	FUNCTIONS OF 5' NCERS OF PICORNAVIRUS AND CELLULAR MRNAS	\$368,537
2008	STANFORD UNIVERSITY	CA	K08AI079269	MECHANISMS OF B CELL RESPONSES TO A NOVEL ADJUVANT FOR INFLUENZA VACCINE	\$130,599
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	U01AI078213	MULTIPLEX SERODIAGNOSTIC PROTEIN MICROARRAY	\$749,822
2008	STANFORD UNIVERSITY	CA	R01AI068577	VACCINATION STRATEGIES AFTER ELIMINATION OF POLIOMYELITIS	\$497,315
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI062969	Itch in T cell activation and tolerance	\$406,787
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI074694	REGULATION OF LYMPHOCYTE TRAFFICKING BY S1P1 AND CD69	\$308,916
2008	J DAVID GLADSTONE INSTITUTES	CA	K22AI076139	APOBEC3G AND RNA GRANULES: RESTRICTING HIV INFECTION AND ALU RETROTRANSPOSITION	\$162,000
2008	OAK CREST INSTITUTE OF SCIENCE	CA	R21AI079791	INTRAVAGINAL RING MICROBICIDE FORMULATIONS COMPRISING MULTIPLE ANTI-HIV AGENTS	\$182,270
2008	VAXART INC	CA	R43AI077254	RECOMBINANT ADENOVIRAL VECTOR WITH ENCODED TLR3 LIGAND FOR PROTECTION AGAINST VEE	\$219,512
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI080147	ORAL WASH FOR NUCLEIC ACID DIAGNOSIS AND PROGNOSIS OF TB IN HIV-INFECTED UGANDANS	\$122,288
2008	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	CA	R01AI042552	Combinatorial Use of Anti-HIV RNA-based Therapeutics	\$377,840
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R21AI067966	INNATE IMMUNITY IN GOUTY INFLAMMATION	\$237,942
2008	UNIVERSITY OF CALIFORNIA, IRVINE	CA	R21AI073810	MITOCHONDRIAL POLY(A) POLYMERASES OF TRYPANOSOMES	\$190,625
2008	CEDARS-SINAI MEDICAL CENTER	CA	R01AI072726	Role of IL-1 in Bacterial ligand-induced vasculitis and myocarditis	\$406,250
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI078288	HIGH THROUGHPUT SCREENING FOR TOLL-LIKE RECEPTORS INHIBITORS	\$379,000
2008	BRENTWOOD BIOMEDICAL RESEARCH INSTITUTE	CA	R01AI071025	ANTIBODY CYTOKINE FUSION PROTEINS AGAINST CRYPTOCOCCUS NEOFORMANS	\$317,250

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2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI047745	BIOMATHEMATICAL ANALYSIS OF VIRAL DYNAMICS AND EVOLUTION	\$419,158
2008	PROSCI INC	CA	R43AI078829	HIGH MANNOSE TYPE CARBOHYDRATE-BASED HIV/AIDS VACCINE	\$300,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI077607	UNDERSTANDING AND MANIPULATING THE T CELL CONTRACTION PHASE	\$473,750
2008	IMMPORT THERAPEUTICS INC	CA	R43AI075692	ANTIBODIES TO MALARIA BLOOD STAGES IN MIXED-SPECIES INFECTIONS	\$300,000
2008	STANFORD UNIVERSITY	CA	R01AI021144	Structure of the Eukaryote Transcription Apparatus	\$212,510
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI041927	Ribozymes for studies and treatment of cytomegalovirus infections	\$358,792
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI039548	THE ENDOGENOUS MHC CLASS I ANTIGEN PROCESSING PATHWAY	\$376,916
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI055860	SIGNAL TRANSDUCTION NETWORKS IN BACILLUS ANTHRACIS	\$464,749
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI064616	The Role of Toxoplasma Rhotries in Host Cell Infection	\$323,656
2008	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH & EDUCATION	CA	R01AI057433	PROPHAGE-ENCODED BINDING OF S. MITIS TO HUMAN PLATELETS	\$383,693
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K24AI051982	Therapeutic Strategies for HIV Disease	\$133,342
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	K02AI061048	ENERGY METABOLISM AND VIRULENCE OF BORDETELLA SPECIES	\$93,789
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI049104	TAT Transactivation	\$360,779
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI041637	Cellular Activation Mechanisms in Septic Shock	\$473,750
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI020001	PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	\$685,357
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI048073	Anti-herpesvirus Signaling by LTalpha/LIGHT Cytokines	\$440,040
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI068413	A TB VACCINE FOR AIDS PATIENTS	\$655,618
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI045053	RECOGNITION OF BACTERIAL ANTIGENS BY NKT CELLS	\$361,588
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI064709	PREVENTING HUMAN PRION DISEASES - INACTIVATION OF PRIONS	\$732,681
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI026918	Parasite Immunity Orchestrated by Th2 Cells	\$367,626
2008	STANFORD UNIVERSITY	CA	R01AI041769	CELLULAR MECHANISMS OF PTLD IN TRANSPLANT RECIPIENTS	\$354,265
2008	STANFORD UNIVERSITY	CA	R01AI072666	AMPETOIDS AS BIOSTABLE FUNCTIONAL MIMICS OF ANTIMICROBIAL PEPTIDES	\$358,110
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI060660	PURINE METABOLISM IN TRICHOMONAS VAGINALIS	\$281,840
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI069432	UCSD DEPARTMENT OF MEDICINE HIV/AIDS CLINICAL TRIALS UNIT	\$3,121,542

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2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R37AI066897	NK and T Cell Costimulation by NKG2D/DAP10	\$367,527
2008	STANFORD UNIVERSITY	CA	R01AI023990	REGULATION OF MAST CELL DEVELOPMENT AND FUNCTION	\$411,180
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI024674	NOVEL LEUKOCYTE INTEGRINS	\$347,217
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	K24AI068903	Patient-Oriented Research in Tropical Infectious Diseases	\$167,787
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI060694	NIPAH VIRUS PATHOBIOLOGY AND EFFECTS ON INNATE IMMUNITY	\$359,276
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI020958	GALECTINS AND INNATE IMMUNITY	\$276,259
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI060840	HYPOXIA-INDUCED RESPONSES AND INNATE IMMUNITY	\$323,350
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R37AI027857	BIOGENESIS OF HYDROGENOSOMES OF A TRICHOMONAD PARASITE	\$418,806
2008	VETERANS MEDICAL RESEARCH FOUNDATION OF SAN DIEGO	CA	R01AI068086	GILZ CONTROLS TLR-INDUCED NF-KB ACTIVITY IN ACUTE ASTHMA	\$432,628
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI064227	Signals that Control Thymocyte Migration	\$356,659
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI057840	MODULATING LYMPHOTOXINS FOR VIRAL DEFENSES	\$487,966
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063382	Vaccine Strategies for Disseminated Candidiasis	\$331,593
2008	SCRIPPS RESEARCH INSTITUTE-FLORIDA	CA	R01AI067949	PATHOGEN-HOST INTERACTIONS THAT REMODEL THE CYTOSKELETON	\$441,478
2008	CEDARS-SINAI MEDICAL CENTER	CA	R01AI067995	ROLE OF INNATE IMMUNITY IN PATHOGENESIS OF CHLAMYDIA PNEUMONIA INFECTION	\$401,495
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI069350	RETARGETING OF RETROVIRAL VECTORS	\$341,020
2008	UNIVERSITY OF CALIFORNIA	CA	U01AI066344	INNATE IMMUNOMODULATING GENES OF SMALLPOX VACCINES	\$342,172
2008	LA BIOMEDICAL RESEARCH INSTITUTE AT HARBOR UCLA MED CTR	CA	R01AI063503	Novel Toxins and Receptors in Mucormycosis Pathogenesis	\$267,056
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI061452	PROTEIN TRANSLOCATION BY THE TYPE III SECRETION SYSTEM	\$405,797
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI066224	Gene circuits that control morphology in Histoplasma	\$281,840
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI060681	HOST POLYMORPHISMS AND UNCOMPLICATED MALARIA	\$121,500
2008	UNIVERSITY OF CALIFORNIA	CA	R01AI047294	Molecular and Force Dynamics: Leukocyte Adhesion Molecules	\$305,018
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI057487	C-ABL AND PKC-ETA IN CELL DEVELOPMENT AND LEUKEMIA	\$353,462
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI060379	CELL MEDIATED IMMUNITY IN HIV INFECTED CHILDREN	\$293,583
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI067253	CORECEPTOR MODIFICATION OF TCR TYROSINE KINASE SIGNALS	\$367,318

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2008	STANFORD UNIVERSITY	CA	R01AI067712	SURFACE PROTEIN DYNAMICS IN LIVE BACTERIAL PATHOGENS	\$343,511
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U19AI067152	MOLECULAR GENETICS OF HLA AND DISEASE	\$2,546,463
2008	REGENTS, UNIVERSITY OF CALIFORNIA	CA	R37AI024716	REGULATION OF VITELLOGENIC GENES IN THE MOSQUITO	\$505,090
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI065233	INNOVATIVE METHODS FOR MEASURING ANTIRETROVIRAL EXPOSURE	\$409,426
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	R01AI067727	HUMAN RESERVOIRS OF PLASMODIUM VIVAX TRANSMISSION IN THE PERUVIAN AMAZON	\$602,913
2008	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R01AI023548	GENETIC ANALYSIS OF THE IMMUNE SYSTEM	\$173,364
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	R01AI036953	REGULATION OF TRANSCYTOSIS OF POLYMERIC IMMUNOGLOBULINS	\$281,840
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R01AI061516	Regulation of Mucosal Immune Responses by the TNF Receptor HVEM	\$441,363
2008	UNIVERSITY OF CALIFORNIA-SANTA BARBARA	CA	R01AI043986	GENETIC ANALYSIS OF BORDETELLA PATHOGENESIS	\$267,743
2008	VICAL, INC	CA	U01AI074527	PANDEMIC INFLUENZA DNA VACCINE DEVELOPMENT	\$2,109,388
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	K23AI075985	VIROLOGIC AND HOST FACTORS CONTRIBUTING TO HIV CONTROL IN ELITE CONTROLLERS	\$124,200
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI052324	ROLE OF CIS & TRANS FACTORS IN DENGUE VIRUS TRANSLATION	\$243,081
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI059472	EXPERIMENTAL ANNOTATION OF THE P. FALCIPARUM GENOME	\$432,294
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	U01AI070495	SMALL MOLECULE INHIBITORS OF NIPAH AND HENDRA VIRUS INFECTION	\$715,954
2008	STANFORD UNIVERSITY	CA	K08AI067458	POPULATION GENETICS OF M. TUBERCULOSIS DURING DISEASE EPIDEMICS	\$116,505
2008	UNIVERSITY OF SOUTHERN CALIFORNIA	CA	R01AI070544	PTPN22 AND AUTOIMMUNITY	\$351,000
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI080002	TOLERANCE MAINTENANCE AND ITS BREAKDOWN IN FOOD ALLERGY	\$231,000
2008	UNIVERSITY OF CALIFORNIA-SAN FRANCISCO	CA	U01AI075410	RESEQUENCING MICROARRAY FOR RAPID DETECTION & ANTIMICROBIAL RESISTANCE PROFILING	\$711,323
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI074760	MANIPULATION OF THE ACTIN CYTOSKELETON BY SPOTTED FEVER GROUP RICKETTSIA	\$370,043
2008	STANFORD UNIVERSITY	CA	F31AI066402	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$34,634
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI075420	DEVELOPMENT AND TESTING OF HUMAN BRUCELLOSIS DIAGNOSTICS IN AN ENDEMIC COUNTRY	\$919,975

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CALIFORNIA-SAN DIEGO	CA	U01AI077989	PROTECTION AGAINST INHALATION ANTHRAX WITH INACTIVATED SPORES	\$973,092
2008	ANZA THERAPEUTICS INC	CA	U01AI070834	DEVELOPMENT OF LISTERIA-BASED CLINICAL CONSENSUS HCV VACCINE CANDIDATES	\$354,663
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI072414	THE HUMAN ANTIBODY RESPONSE TO METAPNEUMOVIRUS: PROPHYLAXIS AND VACCINE DESIGN	\$521,546
2008	LA JOLLA INSTITUTE FOR ALLERGY & IMMUNOLOGY	CA	R21AI077079	T CELL MEMORY TO RESPIRATORY VIRAL INFECTIONS	\$231,761
2008	TORREY PINES INSTITUTE FOR MOLECULAR STUDIES	CA	R56AI058763	SELECTING ENV TRIMERS IN HIV-VLP VACCINE PRESENTATIONS	\$467,941
2008	INTELLIGENT OPTICAL SYSTEMS, INC	CA	R43AI078569	A SEROLOGICAL DIAGNOSTIC IMMUNOASSAY TEST STRIP FOR LEISHMANIASIS	\$285,879
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI068854	DETERMINANTS OF SCHISTOSOMIASIS RE-EMERGENCE	\$440,238
2008	UNIVERSITY OF CALIFORNIA	CA	R21AI080604	MOLECULAR MECHANISMS AND NOVEL THERAPEUTIC APPROACHES TO COMBINED RADIATION AND B	\$190,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	U19AI063603	Genomics for Transplantation: Discovery and Biomarkers	\$2,491,052
2008	UNIVERSITY OF CALIFORNIA, REGENTS	CA	R01AI070043	STATISTICAL METHODS TO STUDY THE EPIDEMIOLOGY OF HIV & OTHER DISEASE	\$311,776
2008	SCRIPPS RESEARCH INSTITUTE	CA	R01AI074862	ANALYSES OF THE EFFECTS OF PRO-INFLAMMATORY CYTOKINES ON CD4+ T CELL RESPONSES	\$379,000
2008	STANFORD UNIVERSITY	CA	T32AI007290	Molecular and Cellular Immunobiology	\$1,566,969
2008	STANFORD UNIVERSITY	CA	R01AI077395	COMPENSATION AUTOMATION FOR HIV VACCINE DEVELOPMENT	\$397,978
2008	STANFORD UNIVERSITY	CA	R21AI078505	INTERFERING WITH PROTEIN-PROTEIN INTERACTION FOR THE TREATMENT OF LEISHMANIASIS	\$240,844
2008	CHILDRENS HOSP. & RESEARCH CTR OF OAKLAND	CA	R01AI070955	IDENTIFICATION OF VACCINE ANTIGENS BASED ON EXPRESSION IN BLOOD	\$400,000
2008	SCRIPPS RESEARCH INSTITUTE	CA	R33AI071952	SYNDECAN AGONISTS AND ANTAGONISTS AS MICROBICIDES	\$554,125
2008	SCRIPPS RESEARCH INSTITUTE	CA	R21AI077381	ENGINEERING AND SORTING HIV-1 DISPLAY ENV LIBRARIES FOR VACCINE DESIGN	\$254,889
2008	SCRIPPS RESEARCH INSTITUTE	CA	R56AI073297	BIOLOGY OF ANIMAL NUCLEAR MONONEGAVIRUSES	\$444,400
2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R01AI073539	ROLE OF VITAMIN D PROHORMONE 25-OHD IN THE INNATE IMMUNE RESPONSE TO TUBERCULOSIS	\$385,000
2008	UNIVERSITY OF CALIFORNIA	CA	R03AI076091	CELLULAR IMMUNE RESPONSES INDUCED BY SIVDELTA-VIF PLUS IL-15 DNA VACCINE	\$76,000

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2008	UNIVERSITY OF CALIFORNIA-LOS ANGELES, BOARD OF REGENTS	CA	R21AI065645	MOLECULAR BASIS OF SUPPRESSION OF SLE BY CD8+ TI CELLS	\$113,306
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI078468	MARGINAL ZONE B CELL RESPONSE TO HIV	\$231,000
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R21AI078400	FUNCTION OF L-TYPE CA2+ CHANNELS IN B-LYMPHOCYTES	\$234,000
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI066121	IL-27 in Vaccine-Elicited Cellular Immunity	\$377,685
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI077107	NF-KAPPAB	\$15,000
2008	UNIVERSITY OF COLORADO DENVER	CO	K24AI074343	INTERFACE OF INNATE AND ADAPTIVE IMMUNITY IN HIV-1 INFECTION	\$125,972
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI052164	REDEFINING THE MAJOR PEANUT ALLERGENS	\$395,113
2008	UNIVERSITY OF COLORADO DENVER	CO	U01AI069450	COLORADO AIDS CLINICAL TRIALS UNIT	\$1,461,810
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI059764	Mechanism of Herpes DNA Replication	\$235,237
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI062739	NKIP SIGNALING AND FUNCTIONS	\$362,764
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	K25AI064338	BIOMOLECULAR NETWORKS IN ANTIBIOTIC RESISTANCE EVOLUTION	\$140,921
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI031105	MOUSE MEMBRANE RCA PROTEINS IN THE IMMUNE RESPONSE	\$333,030
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI068083	COORDINATING ADAPTIVE AND INNATE IMMUNITY	\$326,489
2008	COLORADO STATE UNIVERSITY	CO	R03AI075019	EXTRA-PULMONARY PATHOLOGY CAUSED BY AVIAN H5N1 AND RECOMBINANT H1N1-1918 INFLUENZ	\$72,104
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI074606	NOVEL GENETIC TOOLS FOR BURKHOLDERIA MALLEI AND OTHER BACTERIAL SELECT AGENTS	\$226,611
2008	DENVER HEALTH & HOSPITAL AUTHORITY	CO	K01AI067063	PATTERNS OF ANTIRETROVIRAL NONADHERENCE: ASSOCIATION WITH OUTCOMES & COST CARE	\$132,100
2008	UNIVERSITY OF COLORADO DENVER	CO	T32AI052066	Molecular Pathogenesis of Infectious Diseases	\$117,640
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R21AI073629	ANALYSIS OF HUMAN B CELL TOLERANCE IN HUMANIZED MICE	\$250,283
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI070140	MECHANISMS OF STEROID RESISTANT ASTHMA	\$486,600
2008	ISOGENIS INC	CO	R43AI069593	VETO-ING THE REJECTION OF ALLOGENEIC HSCS	\$300,000
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI078721	MALARIA: IMMUNOLOGY, PATHOGENESIS AND VACCINE PERSPECTIVES	\$6,000
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI077250	KEYSTONE SYMPOSIA MEETINGS ON NK AND NKT CELL BIOLOGY AND INNATE IMMUNITY	\$10,000

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2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI078578	CELL BIOLOGY OF VIRUS ENTRY, REPLICATION AND PATHOGENESIS	\$18,000
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059719	THE ROLE OF UNC119 IN T CELL ANTIGEN RECEPTOR SIGNALING1	\$347,495
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI054661	FUNCTION AND REGULATION OF EARLY B CELL FACTOR (EBF)	\$382,590
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059618	STUDY OF ALLERGEN, GENETICS AND ENDOTOXIN (SAGE)	\$362,764
2008	UNIVERSITY OF COLORADO DENVER	CO	R37AI015940	IRON AND O2 IN THE REGULATION OF P. AERUGINOSA VIRULENCE	\$659,058
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI057485	HOMEOSTASIS OF VALPHA14I NATURAL KILLER T CELLS	\$275,939
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI059170	DIFFERENTIATION OF TH2 CYTOKINE-PRODUCING INNATE CELLS	\$326,489
2008	COLORADO STATE UNIVERSITY	CO	U54AI065357	Rocky Mountain Regional Center of Excellence or Biodefense and Emerging Infectiou	\$10,030,594
2008	COLORADO STATE UNIVERSITY	CO	P01AI057836	MULTI-DRUG RESISTANT TUBERCULOSIS DRUGS: TARGETING CELL WALL SYNTHETIC ENZYMES	\$906,176
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI042189	Enterovirus RNA translation and replication.	\$250,680
2008	UNIVERSITY OF COLORADO DENVER	CO	R56AI054959	ANALYSIS OF INTRACELLULAR HOST DEFENSES IN SALMONELLA PATHOGENESIS	\$377,593
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI073121	RECONSTITUTION OF PROTECTIVE CMV IMMUNITY AND IMMUNE REGULATION AFTER HAART	\$231,516
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI079916	PATHOGENESIS AND CONTROL OF EMERGING INFECTIONS AND DRUG RESISTANT ORGANISMS	\$12,000
2008	UNIVERSITY OF COLORADO DENVER	CO	R03AI072187	DEVELOPMENT OF TOOLS FOR STRUCTURAL GENOMICS OF VIRAL RNA	\$72,888
2008	UNIVERSITY OF COLORADO DENVER	CO	K08AI076518	MECHANISMS OF APOPTOSIS IN VIRUS-INFECTED NEURONS	\$138,618
2008	UNIVERSITY OF COLORADO DENVER	CO	K08AI073525	EPIDEMIOLOGY AND PATHOGENESIS OF NOVEL CORONAVIRUSES	\$132,220
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI075835	KEYSTONE MEETING ON EICOSANOIDS AND OTHER MEDIATORS OF CHRONIC INFLAMMATION	\$10,000
2008	COLORADO STATE UNIVERSITY	CO	R01AI049151	Menaquinone Biosynthesis: A Drug Target in Gram-Positive Bacteria	\$348,500
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI049558	Cap-interacting proteins in metazoan trans-splicing	\$338,248
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI052157	Antigen and lysophospholipid receptor regulation of lymphocyte development and fu	\$395,569
2008	COLORADO STATE UNIVERSITY	CO	R01AI046435	NEW ALPHAVIRUS EXPRESSION SYSTEMS IN MOSQUITOES	\$233,469

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2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI068088	THE IMPORTANCE OF THE P38 MAP KINASE SIGNALING PA	\$399,042
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI065275	HIV-RELATED BLOOD DENDRITIC CELL DYSFUNCTION	\$330,059
2008	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	P30AI054907	U OF COLORADO CENTER FOR AIDS RESEARCH	\$794,362
2008	UNIVERSITY OF COLORADO DENVER	CO	P01AI059576	SARS CORONAVIRUS: INHIBITION OF ENTRY	\$1,787,597
2008	UNIVERSITY OF COLORADO DENVER	CO	U19AI050864	BENAROYA RESEARCH INSTITUTE/UCDHSC AUTOIMMUNE COOPERATIVE STUDY GROUP	\$3,317,307
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI076463	VISUALIZATION OF VA14I NKT CELLS IN VIVO	\$168,060
2008	BOLDER BIOTECHNOLOGY, INC	CO	R44AI060043	LONG ACTING IFN-GAMMA FOR TREATING IMMUNODEFICIENCIES	\$398,910
2008	TAIGA BIOTECHNOLOGIES INC	CO	R43AI078563	RAPID GENERATION OF HUMAN THERAPUETIC ANTIBODIES AGAINST INFLUENZA	\$180,667
2008	BOLDER BIOTECHNOLOGY, INC	CO	R44AI058815	LONG-ACTING GROWTH HORMONE FOR TREATING HIV-ASSOCIATED ADIPOSE REDISTRIBUTION SYN	\$976,501
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R21AI070941	LUNG SPECIFIC TNF-R1 SIGNALING IN TRUSS NULL MICE	\$197,237
2008	UNIVERSITY OF COLORADO DENVER	CO	R34AI078776	CELLULAR PHARMACOLOGY OF TENOFOVIR AND EMTRICITABINE FOR HIV PROPHYLAXIS	\$115,500
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R56AI077609	NATURALLY OCCURRING T REGULATORY CELLS CONTROL AIRWAY HYPERRESPONSIVENESS	\$486,740
2008	INVIRAGEN LLC	CO	R43AI080041	DEVELOPMENT OF A NOVEL, CHIMERIC CHIKUNGUNYA VACCINE	\$208,896
2008	INDEVR LLC	CO	R43AI077112	SIMULTANEOUS SCREENING FOR A/H3N2, A/H1N1, A/H5N1 AND B INFLUENZA VIRUSES	\$298,722
2008	COLORADO STATE UNIVERSITY	CO	R01AI037139	STRUCTURE OF LAM IN RELATION TO BIOLOGY AND BIOSYNTHESIS	\$236,030
2008	COLORADO STATE UNIVERSITY	CO	R01AI064798	Biogenesis of lipoarabinomannan in mycobacteria	\$326,298
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI061505	The Mycobacterium Tuberculosis Dormancy Program	\$345,713
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R37AI030726	STRUCTURE-FUNCTION STUDIES OF RIBOZYME AND RNA	\$307,689
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI065638	Active Subversion of Innate Immunity by Bacterial LysM Protein	\$371,495
2008	COLORADO STATE UNIVERSITY	CO	R01AI063434	VIRUS-MOSQUITO MRNA STABILITY	\$337,184
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI077069	MUCOSAL MECHANISMS OF CONTROL OF INFLUENZA	\$155,127
2008	COLORADO STATE UNIVERSITY	CO	R01AI073298	RNAI AS A MODULATOR OF ARBOVIRUS VECTOR COMPETENCE IN TRANSGENIC AEADES AEGYPTI	\$288,414
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI078087	SMALL RNA DISCOVERY AND ANALYSIS IN ASCARIS	\$248,700

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI055701	CD8 MEDIATED APOPTOSIS DURING T CELL DEVELOPMENT	\$317,281
2008	INVIRAGEN LLC	CO	U01AI070443	PRECLINICAL DEVELOPMENT OF A CHIMERIC TETRAVALENT DENGUE VACCINE	\$771,968
2008	QUEST PRODUCT DEVELOPMENT CORPORATION	CO	R42AI063892	MICROFLEX TOOLS TO IMPROVE SINUS DIAGNOSTICS AND SURGERY	\$495,559
2008	COLORADO STATE UNIVERSITY	CO	R01AI072060	Gammadelta T cell Regulation of Adaptive Immunity in West Nile Virus Infection	\$364,505
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI076682	A MAMMALIAN CELLULAR NICHE FOR CHRONIC BACTERIA	\$147,879
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI078558	MOLECULAR EVOLUTION AS A DRIVING FORCE IN INFECTIOUS DISEASES	\$11,500
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI075650	KEYSTONE SYMPOSIUM ON LYMPHOCYTE ACTIVATION AND SIGNALING	\$10,000
2008	COLORADO STATE UNIVERSITY	CO	R01AI057066	SIRNA GENE THERAPY FOR HIV/AIDS	\$303,468
2008	COLORADO STATE UNIVERSITY	CO	R01AI065784	ARTHROPOD VECTOR-BASED VACCINES FOR LEISHMANIASIS	\$429,970
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI068371	HIV VACCINES	\$29,430
2008	COLORADO STATE UNIVERSITY	CO	R01AI059130	Assembly of Picornaviral Replication Complexes	\$233,790
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	U13AI060000	BIODEFENSE INITIATIVE: CONNECTING BIODEFENSE COMMUNITY	\$9,810
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI033613	IMMUNE RECOGNITION AND TOLERANCE OF ANTIBODY DIVERSITY	\$317,281
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI044920	THE BASIS OF FUNCTIONAL VARIATION IN GAMMA/DELTA T CELLS	\$352,532
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI057797	STRESS, HEAT-SHOCK PROTEINS, AND INNATE IMMUNITY	\$309,448
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI070983	FUNCTIONAL ANALYSIS OF COMPLEMENT RECEPTOR 2 AS A LUPUS SUSCEPTIBILITY GENE	\$527,187
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI068777	COMBINED TLR/CD40-AGONIST INDUCED CD8+ T CELL MEMORY	\$366,733
2008	COLORADO STATE UNIVERSITY	CO	R21AI079528	ENDECTOCIDES FOR MALARIA CONTROL	\$147,000
2008	COLORADO STATE UNIVERSITY	CO	R21AI079489	BIOSYNTHESIS AND TRANSBILAYER FLIPPING OF MYCOBACTERIAL PIM GLYCOLIPIDS	\$178,359
2008	UNIVERSITY OF COLORADO DENVER	CO	T32AI007447	Colorado HIV Research Training Program	\$189,788
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	P01AI022295	ANTIGEN RECOGNITION BY LYMPHOCYTES	\$1,273,819
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	F32AI074275	THE USE OF SOLUBLE T CELL RECEPTORS TO IDENTIFY LIGANDS FOR GAMMA/DELTA T CELLS	\$46,826
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI075718	KEYSTONE SYMPOSIUM ON CELL DEATH IN THE IMMUNE SYSTEM	\$5,000

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2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI075642	KEYSTONE SYMPOSIUM ON CHEMOKINES AND CHEMOKINE RECEPTORS	\$10,000
2008	COLORADO STATE UNIVERSITY	CO	K08AI071724	EVOLUTION OF DENDRITIC CELL DYSFUNCTION IN FIV INFECTION	\$99,664
2008	UNIV OF COLORADO HEALTH SCIENCE CTR	CO	R37AI014107	Control of Bacterial Toxins by Viruses and Plasmids	\$463,104
2008	COLORADO STATE UNIVERSITY	CO	R01AI063457	MOLECULAR EPIDEMIOLOGY OF LEPROSY	\$345,300
2008	COLORADO STATE UNIVERSITY	CO	R01AI044072	CHRONIC TUBERCULOSIS: LATENT OR DYNAMIC	\$302,187
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI031940	GENETIC ANALYSIS OF CHOLERA TOXIN STRUCTURE AND FUNCTION	\$562,026
2008	UNIVERSITY OF COLORADO DENVER	CO	T32AI007405	Training Program in Immunology	\$376,956
2008	INDEVR LLC	CO	U01AI070276	ADVANCED MICROARRAY TECHNOLOGY FOR PATHOGEN SURVEILLANCE	\$486,988
2008	COLORADO STATE UNIVERSITY	CO	R01AI047197	LEPROSY BACILLUS: FROM GENOTYPE TO PHENOTYPE TO TOOLS	\$317,752
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI076287	DISCOVERY OF INHIBITORS OF DNA REPLICATION IN GRAM-POSITIVE BACTERIA	\$374,858
2008	INDEVR LLC	CO	R44AI068270	MONITORING SYSTEM FOR VECTOR-BASED INFLUENZA VACCINE	\$783,129
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI018785	Characteristics of T Cell Receptors	\$347,679
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI052310	Tolerance in polyclonal and oligoclonal immune systems	\$211,528
2008	UNIVERSITY OF COLORADO DENVER	CO	K08AI053213	EVASION OF NADPH OXIDASE BY SALMONELLA LIPASES	\$125,280
2008	KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR BIOLOGY	CO	R13AI068352	HIV PATHOGENESIS	\$29,430
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI050812	REGULATION OF PS. AERUGINOSA VIRULENCE FACTORS BY ALGR	\$250,680
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI060841	MECHANISM OF ENZYMES MEDIATING RESISTANCE IN PSEUDOMONAS	\$272,408
2008	COLORADO STATE UNIVERSITY	CO	U01AI070456	RESPONSE THERAPIES FOR MDR-TB	\$1,131,873
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R21AI079374	CONTROLLING NFAT1 IN T CELLS USING ENGINEERED NCRNA TRANSCRIPTIONAL REGULATORS	\$147,608
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI070175	EFFECTS OF ALLERGIC INFLAMMATION ON TLR2 SIGNALING AND MYCOPLASMA INFECTION	\$390,000
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R56AI033098	STRUCTURE AND DYNAMICS OF RNA AND PROTEIN-RNA COMPLEXES	\$295,453
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI079925	NOVEL MINIMALLY INVASIVE ASSESSMENT OF GASTROINTESTINAL INFLAMMATION IN FOOD ALLE	\$246,750

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	COLORADO STATE UNIVERSITY	CO	R01AI080486	CHROMOSOMAL ALTERATIONS IN BASIC MECHANISMS OF RADIATION INJURY	\$377,505
2008	UNIVERSITY OF COLORADO DENVER	CO	R21AI076161	ENHANCEMENT OF HIV-SPECIFIC CD4+ T CELL FUNCTION BY BLOCKADE OF THE PD-1 PATHWAY	\$204,187
2008	UNIVERSITY OF COLORADO DENVER	CO	F32AI068340	MOLECULAR BASIS OF BCR/CHEMOKINE RECEPTOR CROSSTALK	\$51,578
2008	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	CO	R01AI073945	FUNCTIONAL ANERGY IN B CELLS	\$390,000
2008	COLORADO STATE UNIVERSITY	CO	R01AI033773	PATHOGENESIS OF FELINE IMMUNODEFICIENCY VIRUS INFECTION	\$337,184
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI064029	SEX AND DISEASE DEPENDENT NUCLEOSIDE ANALOG TOXICITY	\$322,953
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI015614	Pathogenesis of Fever in Humans	\$363,389
2008	COLORADO STATE UNIVERSITY	CO	R01AI073255	HUMANIZED RAG2-/-GAMMAC-/-MICE FOR HIV INFECTION AND GENE THERAPY	\$360,518
2008	UNIVERSITY OF COLORADO, OFFICE OF CONTRACTS & GRANTS	CO	R01AI072492	PERSISTENT SYSTEMIC INFECTION OF MICE BY SALMONELLA ENTERICA	\$330,315
2008	UNIVERSITY OF COLORADO DENVER	CO	R01AI067296	DESIGN OF NEW ANTIMICROBIALS	\$370,420
2008	YALE UNIVERSITY	CT	R01AI068043	MOLECULAR EPIDEMIOLOGIC IDENTIFICATION OF PNEUMOCOCCAL TISSUE SPECIFIC GENES	\$547,609
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI059377	MULTIFUNCTIONAL CLASS I TRANSCRIPTION IN T. BRUCEI	\$303,468
2008	YALE UNIVERSITY	CT	F31AI058908	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$13,861
2008	YALE UNIVERSITY	CT	R01AI032947	BORRELIA BURGDORFERI INTERACTIONS WITH IXODES SCAPULARIS	\$400,200
2008	YALE UNIVERSITY	CT	R01AI075133	STRUCTURAL BASIS OF JAK3-MEDIATED INTERLEUKIN-2 FAMILY SIGNAL TRANSDUCTION	\$448,702
2008	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI063348	REGULATION AND FUNCTION OF MEKK3 IN DENDRITIC CELLS	\$384,468
2008	YALE UNIVERSITY	CT	U01AI074676	INDUCTION OF RENAL ALLOGRAFT TOLERANCE IN MONKEYS WITH ANTI-CD45RB BASED THERAPY	\$653,142
2008	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI073299	MECHANISM AND IN VIVO ANTI-HBV STUDY OF A NOVEL CLASS OF NON-NUCLEOSIDE COMPOUNDS	\$365,024
2008	YALE UNIVERSITY	CT	R01AI038204	Biochemical Pharmacology of Anti-HIV Compounds	\$315,294
2008	YALE UNIVERSITY	CT	P01AI064343	PERIPHERAL MECHANISMS OF IMMUNOLOGIC TOLERANCE	\$1,334,207
2008	YALE UNIVERSITY	CT	F31AI071694	B CELL MEMORY DEVELOPMENT DURING SYSTEMIC AUTOIMMUNITY	\$39,848

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2008	HELIX THERAPEUTICS LLC	CT	R43AI076193	TARGETED CCR5 GENE INACTIVATION USING PEPTIDE NUCLEIC ACIDS	\$99,999
2008	YALE UNIVERSITY	CT	T32AI007174	Allergy and Clinical Immunology Training Grant	\$168,698
2008	YALE UNIVERSITY	CT	K99AI072956	ROLES FOR TAK1 IN T CELL DEVELOPMENT, FUNCTION AND TUMORIGENESIS	\$1
2008	WESLEYAN UNIVERSITY	CT	R56AI017986	BETA-LACTAMASES AND DD-PEPTIDASES: ACTIVE SITE CHEMISTRY	\$412,833
2008	L2DIAGNOSTICS, LLC	CT	R43AI077159	LYME DISEASE DIAGNOSTICS USING IN VIVO EXPRESSED BORRELIA BURGDORFERI ANTIGENS	\$275,834
2008	YALE UNIVERSITY	CT	F32AI071388	CYTOKINE SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$49,646
2008	YALE UNIVERSITY	CT	F32AI069785	MODULATION OF THE PHAGOLYSOSOME BY SALMONELLA	\$51,278
2008	YALE UNIVERSITY	CT	R01AI075157	DISSECTING THE ROLE FOR IL-15 IN CD8+ T CELL HOMEOSTASIS IN HUMAN LUPUS	\$413,230
2008	YALE UNIVERSITY	CT	R01AI043594	RNA CAPPING IN TRYPANOSOMES	\$413,541
2008	YALE UNIVERSITY	CT	R01AI064660	ROLE OF INNATE IMMUNITY IN TRANSPLANTATION TOLERANCE	\$311,484
2008	YALE UNIVERSITY	CT	R01AI056333	SMALL RNAS AND THEIR ROLE IN TRYPANOSOME BIOLOGY	\$371,813
2008	YALE UNIVERSITY	CT	R01AI064559	MODULATION OF HOST CELL FUNCTIONS BY COXIELLA BURNETII	\$350,420
2008	YALE UNIVERSITY	CT	R37AI032524	Immunoglobulin and T Cell Receptor Gene Assembly	\$324,630
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI057441	MECHANISMS OF EFFECTOR CD4 CELL TOLERIZATION	\$303,467
2008	YALE UNIVERSITY	CT	R21AI065848	SPREAD OF LYME BORRELIOSIS BACTERIA IN THE U.S.	\$235,757
2008	YALE UNIVERSITY	CT	R01AI043603	Murine Memory B Cell Development and Function	\$341,772
2008	UNIVERSITY OF CONNECTICUT	CT	R01AI073375	TARGETING BACILLUS DHFR: STRUCTURAL STUDIES AND SYNTHESIS OF INHIBITORS	\$345,286
2008	YALE UNIVERSITY	CT	R21AI078831	STRUCTURAL STUDIES OF HIV VIF AND ITS CELLULAR BINDING PARTNERS	\$195,150
2008	YALE UNIVERSITY	CT	R01AI068932	Evolutionary Genetics of Tsetse and Its Symbionts	\$782,008
2008	YALE UNIVERSITY	CT	R01AI069396	TH2 RESPONSES IN THE CUTANEOUS ENVIRONMENT	\$350,420
2008	YALE UNIVERSITY	CT	R01AI048770	Evasion of Antigen Presentation by Vacuolar Pathogens	\$389,356
2008	UNIVERSITY OF CONNECTICUT	CT	R01AI053615	Mechanism for Activation of the Antiviral Kinase PKR	\$240,913
2008	YALE UNIVERSITY	CT	R37AI034867	Lyosome Mediated Cell Invasion by Trypanosoma Cruzi	\$527,660
2008	YALE UNIVERSITY	CT	R01AI059801	INITIATION OF CONTACT AND ASTHMATIC HYPERSENSITIVITY	\$342,186

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	YALE UNIVERSITY	CT	R01AI066109	REGULATION OF NF-KB TRANSCRIPTIONAL ACTIVITY	\$380,205
2008	YALE UNIVERSITY	CT	R01AI058980	THE ROLE OF MIF IN HOOKWORM INFECTION AND DISEASE	\$436,824
2008	YALE UNIVERSITY	CT	R01AI062428	Antiviral CTL mobilization to the genital mucosa	\$380,205
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI070603	Roles and Mechanisms of gp96 in Chaperoning Innate Immunity	\$362,970
2008	YALE UNIVERSITY	CT	R01AI067979	Molecular determinants of intracellular survival and replication in Leishmania	\$405,786
2008	YALE UNIVERSITY	CT	R01AI068814	JAK/STAT SIGNALING IN DROSOPHILA ACUTE PHASE RESPONSE	\$324,711
2008	YALE UNIVERSITY	CT	R56AI041440	IMMUNOPATHOGENESIS OF HUMAN GRANULOCYTIC ANAPLASMOSIS	\$413,750
2008	YALE UNIVERSITY	CT	R01AI054359	Immunity to Genital Herpes Simplex-2	\$266,144
2008	YALE UNIVERSITY	CT	R01AI066232	REGULATION OF MEMORY CD8 T CELL DEVELOPMENT	\$380,205
2008	YALE UNIVERSITY	CT	R01AI068977	Mechanism of T Cell Receptor Mediated Activation of NFkappaB	\$389,355
2008	YALE UNIVERSITY	CT	R01AI046018	GENETIC STUDIES OF AFRICAN ANOPHELES VECTORS OF MALARIA	\$339,232
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI060735	A THYMUS - BONE MARROW FEEDBACK LOOP FOR PROTHYMOCYTES	\$337,185
2008	YALE UNIVERSITY	CT	K08AI062732	EARLY CELLULAR IMMUNE RESPONSES TO EBV	\$136,620
2008	YALE UNIVERSITY	CT	R21AI077075	CONTROL OF TERMINAL DIFFERENTIATION OF EFFECTOR AND MEMORY T CELLS BY BLIMP-1	\$202,944
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI042858	How Proinflammatory Cytokines Block T Cell Death In Vivo	\$337,185
2008	YALE UNIVERSITY	CT	T32AI007517	Training in Investigative Infectious Diseases	\$210,061
2008	VAXINNATE CORPORATION	CT	R43AI074162	DEVELOPMENT OF A TETRAVALENT DENGUE VACCINE THAT LINKS INNATE AND ADAPTIVE IMMUNI	\$300,000
2008	YALE UNIVERSITY	CT	R01AI068041	IFN-gamma-inducible GBPs in protective immunity to tuberculosis	\$315,294
2008	YALE UNIVERSITY	CT	K08AI074404	HIV NUCLEOSIDE ANALOGS TRANSLATIONAL STUDIES: RESISTANCE AND METABOLISM	\$125,820
2008	YALE UNIVERSITY	CT	R21AI076645	NEW ANIMAL AND CULTURE MODELS TO RAPIDLY EVALUATE INFECTIVITY OF THE VCJD AGENT	\$248,188
2008	YALE UNIVERSITY	CT	R01AI079022	VIRULENCE FACTORS OF SALMONELLA TYPHI	\$413,646
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	F32AI074277	REGULATION OF MEMORY T CELL LINEAGE DIFFERENTIATION BY EPIGENETIC MODIFICATIONS	\$49,646

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2008	YALE UNIVERSITY	CT	R56AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$127,302
2008	YALE UNIVERSITY, SCHOOL OF MEDICINE	CT	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$273,075
2008	YALE UNIVERSITY	CT	R01AI063554	BAF COMPLEXES IN T CELL DEVELOPMENT	\$380,205
2008	LIFEPHARMS INC	CT	U01AI061456	INHIBITORS OF POXVIRUS ENZYMES AS NOVEL DRUGS	\$870,266
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI043573	Role of Regulatory CD8 T Cells in Murine Asthma	\$317,646
2008	YALE UNIVERSITY	CT	R01AI051306	SUPPRESSION OF ERYTHROPOIESIS IN MALARIA INFECTION	\$283,120
2008	YALE UNIVERSITY	CT	R37AI033443	REGULATION OF NF-KB AND 1KB PROTEINS	\$394,019
2008	YALE UNIVERSITY	CT	R01AI072706	OPTIONAL INFLUENZA VACCINE AND POPULATION ADHERENCE	\$208,662
2008	YALE UNIVERSITY	CT	R01AI041699	GENETIC ANALYSIS OF LEGIONELLA PHAGOSOME TRAFFICKING	\$398,184
2008	YALE UNIVERSITY	CT	R01AI065029	FUNCTIONAL AND STRUCTURAL STUDIES OF CD74 ACTIVATION	\$394,019
2008	YALE UNIVERSITY	CT	T32AI007210	Research Training in Pediatric Infectious Diseases	\$122,058
2008	YALE UNIVERSITY	CT	R37AI046688	Cell Biology of TLR Signal Transduction	\$354,617
2008	L2DIAGNOSTICS, LLC	CT	R43AI074146	SMALL MOLECULE WEST NILE VIRUS INHIBITORS	\$200,994
2008	YALE UNIVERSITY	CT	F32AI077267	MOLECULAR CHARACTERIZATION OF A HOOKWORM MACROPHAGE MIGRATION INHIBITORY FACTOR	\$53,966
2008	YALE UNIVERSITY	CT	R21AI078480	INVESTIGATING NOVEL MEMORY B CELL-SPECIFIC GENES USING FLUORESCENT REPORTER MICE	\$206,667
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI021747	Genetics of HSV DNA Replication	\$524,946
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI078289	ROLE OF CD11C IN CD8 T CELL RESPONSE TO INFECTION	\$458,104
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI041576	CD8 T Cell Activation and Migration in Vivo	\$370,000
2008	YALE UNIVERSITY	CT	R01AI056219	MECHANISM AND FUNCTION OF T CELL DIFFERENTIATION	\$266,144
2008	YALE UNIVERSITY	CT	R01AI064705	Viral Recognition by plasmacytoid dendritic cell	\$389,355
2008	YALE UNIVERSITY	CT	R37AI023081	ROLE OF ENDOCYTOSIS IN CELL RECOGNITION	\$389,356
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI037549	HSV 1 PROCESSING/PACKAGING GENES	\$315,965
2008	YALE UNIVERSITY	CT	R01AI055472	Host Cell Signaling Pathways Induced by Salmonella	\$593,985
2008	YALE UNIVERSITY	CT	R37AI049200	Tissue-specific Borrelia Gene Expression	\$361,191

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2008	YALE UNIVERSITY	CT	U19AI065866	INTERVENABLE HOST LEISHMANIA (VIANNIA) INTERACTIONS	\$992,462
2008	YALE UNIVERSITY	CT	R01AI048854	CYTOMEGALOVIRUS IN THE BRAIN	\$394,019
2008	YALE UNIVERSITY	CT	U01AI070343	IMMUNOTHERAPEUTICS FOR TREATMENT OF FLAVIVIRUS INFECTION	\$1,254,949
2008	YALE UNIVERSITY	CT	K23AI068280	EPIDEMIOLOGY OF HUMAN METAPNEUMOVIRUS(HMPV) INFECTION	\$137,150
2008	CONNECTICUT CHILDREN'S MEDICAL CENTER	CT	K08AI071918	MATERNAL INFLUENCE ON THE DEVELOPMENT OF ALLERGY IN OFFSPRING	\$128,249
2008	YALE UNIVERSITY	CT	R21AI072166	MOLECULAR AND EPIDEMIOLOGIC CHARACTERIZATION OF A PATHOGENIC HUMAN BOCAVIRUS	\$243,533
2008	YALE UNIVERSITY	CT	R01AI073904	Mechanisms of intracellular pathogen dissemination	\$365,208
2008	YALE UNIVERSITY	CT	R21AI063277	REVASCULARIZATION OF ISLETS TO TREAT TYPE I DIABETES	\$202,689
2008	L2DIAGNOSTICS, LLC	CT	R41AI078650	TICK MIDGUT THROMBIN INHIBITOR AS A VACCINE TARGET	\$213,408
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	T32AI007080	BASIC IMMUNOLOGY AND IMMUNOLOGIC CELL INJURY	\$168,887
2008	YALE UNIVERSITY	CT	F32AI072942	DNA IMMUNIZATION IN THE FEMALE GENITAL TRACT USING A CONTROLLED DELIVERY MATRIX	\$52,898
2008	YALE UNIVERSITY	CT	R03AI078333	ANALYSIS OF THE TRYPANOSOMA BRUCEI GENOME USING TILING ARRAYS	\$82,667
2008	YALE UNIVERSITY	CT	R01AI073722	ACTIVATION AND REGULATION OF AUTOREACTIVE B CELLS IN HEALTH AND DISEASE	\$463,299
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI026756	Characterization of Treponema pallidum rare outer membrane proteins	\$480,083
2008	YALE UNIVERSITY	CT	R01AI045510	IMMUNE RESPONSES TO VSV/HIV/SIV HYBRIDS IN MACAQUES	\$545,157
2008	YALE UNIVERSITY	CT	R01AI027811	STUDIES OF DIFFERENTIALLY EXPRESSED LEISHMANIA ANTIGENS	\$304,164
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI069136	Role of viral and cellular recombination proteins in HSV DNA replication	\$281,955
2008	YALE UNIVERSITY	CT	R01AI044616	Computer-Aided Design of Anti-HIV Drugs	\$323,975
2008	YALE UNIVERSITY	CT	R01AI059440	UNDERSTANDING THE ROLE OF A NOVEL TOLL-LIKE RECEPTOR	\$380,205
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI062735	TICK POLARIZED T-CELL RESPONSES AND BORRELIA INFECTION	\$337,184
2008	YALE UNIVERSITY	CT	R01AI059529	GENESIS & CONTROL OF LYME DISEASE BY INNATE IMMUNITY	\$380,205
2008	YALE UNIVERSITY	CT	R37AI030492	Mechanisms of Type III protein secretion	\$442,380

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2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI068265	T-CELL RESPONSES PREDICT INFLUENZA RISK IN OLDER ADULTS	\$405,725
2008	YALE UNIVERSITY	CT	T32AI055403	Predocctoral Training Program in Virology	\$176,199
2008	YALE UNIVERSITY	CT	T32AI007019	Interdisciplinary Immunology Training Program	\$604,013
2008	YALE UNIVERSITY	CT	T32AI007640	Predocctoral Training Program in Microbial Pathogenesis	\$216,076
2008	UNIVERSITY OF CONNECTICUT	CT	R03AI072065	FUNCTION OF SECA2 IN MYCOBACTERIUM TUBERCULOSIS PROTEIN EXPORT	\$74,556
2008	L2DIAGNOSTICS, LLC	CT	R43AI078649	NANOPARTICLE-BASED VACCINES AGAINST FLAVIVIRUSES	\$291,408
2008	YALE UNIVERSITY	CT	R21AI076879	TSETSE-TRYPANOSOME INTERACTIONS	\$206,403
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI079949	MATERNAL TRANSFER OF PROTECTION FROM ALLERGIC GASTROINTESTINAL DISEASE	\$222,000
2008	YALE UNIVERSITY	CT	K08AI078533	ELUCIDATING FUNCTIONAL PROPERTIES OF MEMORY B CELLS	\$134,730
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI071213	ANTIGEN PRESENTATION AFTER INFLUENZA VIRUS INFECTION	\$362,970
2008	YALE UNIVERSITY	CT	T32AI007404	Training in Parasitology and Vector Biology	\$238,499
2008	YALE UNIVERSITY	CT	R01AI048120	Post Translational Modifications in Tolerance and Autoimmunity	\$413,438
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI051583	ROLE OF IL-15 IN CD8 T CELL DEVELOPMENT AND RESPONSE	\$370,000
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI061381	PILUS ASSEMBLY IN GRAM-POSITIVE BACTERIA	\$317,200
2008	YALE UNIVERSITY	CT	R37AI040357	DEVELOPMENT OF VSV/HIV RECOMBINANTS AS HIV VACCINES	\$330,500
2008	YALE UNIVERSITY	CT	R21AI072400	RNAI SCREEN TO IDENTIFY HOST FACTORS INVOLVED IN CHLAMYDIA PATHOGENESIS	\$202,689
2008	YALE UNIVERSITY	CT	F32AI066547	CHARACTERIZING COXIELLA BURNETII TRANSLOCATED PROTEINS	\$50,428
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R01AI029735	RpoS Regulation of Borrelia burgdorferi Genes in vivo	\$528,612
2008	YALE UNIVERSITY	CT	R01AI059167	Molecular Aspects of Human CD1d Functions	\$266,144
2008	YALE UNIVERSITY	CT	R01AI028798	RNA Metabolism in Trypanosomes	\$656,297
2008	YALE UNIVERSITY	CT	R01AI049571	CHARACTERIZATION OF HUMAN T CELLS AGAINST CHLAMYDIA	\$342,186
2008	YALE UNIVERSITY	CT	R01AI055914	ANTI-INFLAMMATORY NATURAL PRODUCT MODE OF ACTION STUDIES	\$379,503
2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI077016	CD8 T CELL RESPONSE TO INFLUENZA VIRUS INFECTION	\$181,485
2008	YALE UNIVERSITY	CT	R21AI072516	THE TYPE III SECRETION EFFECTOR PROTEIN INTERACTOME	\$162,356

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2008	UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	R21AI078708	IDENTIFICATION OF SHORT FUNCTIONAL MOTIFS AS POTENTIAL DRUG TARGETS FOR HIV	\$148,000
2008	YALE UNIVERSITY	CT	F32AI069704	S. TYPHIMURIUM LEUCINE-RICH REPEAT EFFECTOR PROTEINS	\$51,278
2008	GEORGETOWN UNIVERSITY	DC	R01AI062854	ROLE OF RAG1 UBIQUITIN LIGASE ACTIVITY IN RECOMBINATION	\$257,852
2008	GEORGETOWN UNIVERSITY	DC	R01AI056312	Function of antimalarial drug resistance proteins	\$370,375
2008	GEORGETOWN UNIVERSITY	DC	R01AI045957	THE PHYSIOLOGY OF DRUG RESISTANT MALARIA	\$216,543
2008	HOWARD UNIVERSITY	DC	T35AI007616	STD/HIV RESEARCH TRAINING FOR MINORITY STUDENTS	\$122,602
2008	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI078727	ASM CONFERENCE ON MANIPULATION OF NUCLEAR PROCESSES BY DNA VIRUSES	\$15,000
2008	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI066859	ASM General Meeting Minority Travel Grant - Cycle 4	\$23,950
2008	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI078553	ASM CONFERENCE ON CANDIDA AND CANDIDIASIS	\$15,000
2008	GEORGETOWN UNIVERSITY	DC	R01AI060792	DESIGNING HTA THERAPY FOR DRUG RESISTANT MALARIA	\$360,904
2008	CHILDREN'S RESEARCH INSTITUTE	DC	R01AI057906	HCMV UL37 PROTEINS: TRAFFICKING & FUNCTIONAL DIVERSITY	\$308,815
2008	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI055488	Kadner Institute for Graduate Students and Postdoctoral Scientists in Preparation	\$25,000
2008	GEORGETOWN UNIVERSITY	DC	R01AI070791	IDENTIFICATION AND ANALYSIS OF FLAVIVIRUS PROTEASE AND RNA HELICASE INHIBITORS	\$332,631
2008	GEORGETOWN UNIVERSITY	DC	R03AI075226	GENETIC CONTROL OF FILAMENTATION IN CANDIDA ALBICANS	\$76,126
2008	US NAVAL RESEARCH LABORATORIES	DC	U01AI075489	PARTNERSHIP FOR DETECTION OF INFECTION BY CATEGORY B PATHOGENS	\$895,035
2008	GEORGETOWN UNIVERSITY	DC	R21AI076084	TRIAZOLE HYPERSENSITIVITY IN CANDIDA ALBICANS	\$191,875
2008	AMERICAN SOCIETY FOR MICROBIOLOGY	DC	R13AI078545	2ND ASM CONFERENCE ON BENEFICIAL MICROBES - HOST-MICROBE INTERACTIONS IN HEALTH A	\$23,000
2008	GEORGETOWN UNIVERSITY	DC	R01AI064706	ROLE OF PARP-1 IN MEDIATING INFLAMMATORY GENE TRANSCRIPTION	\$295,672
2008	GEORGETOWN UNIVERSITY	DC	R01AI043465	HISTIDINE KINASE 2-COMPONENT PROTEIN OF CANDIDA ALBICANS	\$334,946
2008	GEORGETOWN UNIVERSITY	DC	R03AI060856	TUBERCULOSIS DIAGNOSTICS: TOWARDS MORE PRECISE TESTING IN CHILDREN	\$76,126
2008	CHILDREN'S RESEARCH INSTITUTE	DC	R21AI079798	HIV MICROBICIDES AND THE VAGINAL MICROBIOME	\$226,676
2008	GEORGETOWN UNIVERSITY	DC	U01AI034994	Washington Womens Interagency HIV/AIDS Study	\$2,727,492

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2008	MIDI, INC	DE	R43AI078566	PREVENTION OF CLOSTRIDIUM DIFFICILE-ASSOCIATED DISEASE	\$99,156
2008	UNIVERSITY OF FLORIDA	FL	F31AI071353	TYPE I INTERFERON RESPONSES TO HEPATITIS C VIRUS	\$31,852
2008	UNIVERSITY OF MIAMI	FL	R03AI078822	MODULATION OF HIV-1 INFECTION BY CCL18	\$76,500
2008	UNIVERSITY OF FLORIDA	FL	R01AI047859	ANTIGENS OF THE RNA-INDUCED SILENCING COMPLEX IN AUTOIMMUNITY	\$323,362
2008	UNIVERSITY OF FLORIDA	FL	R01AI039126	FOAMY VIRUS VECTOR FOR IMMUNODEFICIENCY VIRUSES THERAPY	\$323,362
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI058973	ARTEMISININ-INDUCED DORMANCY & MALARIA TREATMENT FAILURE	\$316,680
2008	UNIVERSITY OF MIAMI	FL	U01AI069477	MIAMI HIV/AIDS CLINICAL THERAPEUTIC AND VACCINE TRIAL UNIT	\$1,354,347
2008	UNIVERSITY OF FLORIDA	FL	R01AI042164	MODELING AND EMPIRICAL STUDIES OF ARBOVIRUSES IN FLORIDA	\$447,917
2008	UNIVERSITY OF FLORIDA	FL	R01AI045050	Characterization of SLE-susceptibility loci on mouse chromosome 1	\$410,878
2008	UNIVERSITY OF MIAMI	FL	R01AI061807	DR3 IN ASTHMA AND IN ONTOGENY	\$398,397
2008	UNIVERSITY OF MIAMI	FL	R01AI053459	CELLULAR ANALYSIS OF THE YERSINIA PROTEIN KINASE A	\$246,610
2008	UNIVERSITY OF FLORIDA	FL	R01AI058150	B Cell Development Defects in Murine Lupus	\$312,401
2008	UNIVERSITY OF MIAMI	FL	R01AI046689	ALLOGENEIC MIHA INDUCED MARROW ALLOGRAFT RESISTANCE	\$417,462
2008	UNIVERSITY OF MIAMI	FL	R21AI076002	TRUE PREVALENCE OF PRE-EXISTING REVERSE TRANSCRIPTASE INHIBITOR RESISTANCE IN TRE	\$189,476
2008	UNIVERSITY OF FLORIDA	FL	R01AI056152	STUDY OF GAMMA INTERFERON AGONISTS/MIMETICS	\$314,403
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI048562	TRANSFECTION AND ANALYSIS OF TRANSCRIPTION IN B. MALAYI	\$340,687
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI060753	NASAL CARRIAGE OF S. AUREUS: HOST-PATHOGEN INTERACTIONS	\$306,483
2008	Florida State University	FL	R01AI055461	HIV AND SIV ENVELOPE GLYCOPROTEINS	\$354,025
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI033656	MOLECULAR ANALYSIS OF APICAL ORGANELLES OF PLASMODIUM	\$307,305
2008	UNIVERSITY OF MIAMI	FL	R01AI039973	BIOCHEMICAL MECHANISMS OF DRUG RESISTANCE IN HIV RT	\$352,300
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI047723	IMPACT OF HIV-1 GENOTYPE ON THERAPY RESPONSE IN CHILDREN	\$433,202
2008	UNIVERSITY OF FLORIDA	FL	R01AI058256	VIRAL-BASED CHEMOKINE RECEPTOR ANTAGONISTS	\$383,587

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2008	UNIVERSITY OF MIAMI	FL	R21AI073234	INDUCTION OF MUCOSAL SIV IMMUNITY IN NON HUMAN PRIMATES BY SECRETED HSP-GP96	\$186,019
2008	UNIVERSITY OF MIAMI	FL	R21AI074820	ROLE OF THE YERSINIA PESTIS AIL PROTEIN IN PLAGUE	\$187,616
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI064478	Immunological characterization of the P. vivax DBP	\$578,646
2008	UNIVERSITY OF FLORIDA	FL	R01AI023262	REGULATION OF ACTIN FILAMENT FORMATION IN PHAGOCYTES	\$346,491
2008	SOLIGENIX INC	FL	U01AI070624	CONTINUED DEVELOPMENT OF A RECOMBINANT VACCINE (RIVAXTM) AGAINST RICIN TOXIN	\$687,326
2008	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI076440	Recommendation of HPV Vaccination among U.S. Physicians	\$578,307
2008	UNIVERSITY OF MIAMI	FL	R01AI079336	The Role of STING in Innate Immunity	\$382,500
2008	UNIVERSITY OF FLORIDA	FL	R56AI079074	SYSTEMATIC ANALYSIS OF CELL DEATH REGULATION IN MOSQUITOES	\$322,769
2008	UNIVERSITY OF FLORIDA	FL	R56AI030904	PROTECTIVE CMI MECHANISMS OF A DUAL-SUBTYPE FIV VACCINE	\$98,672
2008	UNIVERSITY OF FLORIDA	FL	R21AI078450	CHARACTERIZATION OF NOVEL POLYREACTIVE ANIT-HIV ANITBODIES AUTOIMMUNITY	\$231,375
2008	UNIVERSITY OF FLORIDA	FL	T32AI007110	Basic Microbiology and Infectious Disease	\$182,127
2008	UNIVERSITY OF MIAMI	FL	R01AI057648	CHARACTERIZATION OF THE ETEC VIRULENCE REGULATOR RNS	\$314,821
2008	UNIVERSITY OF FLORIDA	FL	K08AI057722	MOLECULAR EPIDEMIOLOGY AND VIRULENCE OF URTD	\$110,759
2008	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI059715	MECHANISMS OF CO-STIMULATORY MOLECULE EXPRESSION IN DCS	\$341,139
2008	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R21AI070598	ROLE OF LIPIDS IN DENDRITIC CELL FUNCTION	\$203,762
2008	UNIVERSITY OF MIAMI	FL	R56AI040114	T CELL IMMUNITY AND CYTOKINE RECEPTOR SIGNALING	\$382,500
2008	UNIVERSITY OF FLORIDA	FL	R01AI078967	TAILORING AAV VECTORS FOR GLIOMA IMMUNOTHERAPY	\$366,250
2008	UNIVERSITY OF FLORIDA	FL	R01AI077583	THE INTERACTION OF CHLAMYDIA WITH THE HOST CYTOSKELETON	\$366,250
2008	UNIVERSITY OF MIAMI	FL	R01AI039575	CONTROL OF VIRULENCE PROTEIN EXPORT IN YERSINIA PESTIS	\$375,233
2008	UNIVERSITY OF MIAMI	FL	R01AI065723	IMMUNOLOGIC MECHANISMS, BIOMARKERS AND SUBSETS IN CHRONIC FATIGUE SYNDROME (CFS)	\$375,233
2008	UNIVERSITY OF FLORIDA	FL	R01AI051390	Immunology of factor IX gene transfer to liver	\$325,028
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI046582	SEARCH FOR NOVEL TB DRUG TARGETS IN LIPID METABOLISM	\$332,534

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073783	TOXIN THERMAL INSTABILITY AND ITS ROLE IN HOST-TOXIN INTERACTIONS	\$348,255
2008	UNIVERSITY OF FLORIDA	FL	R01AI044793	INVASION BIOLOGY OF Aedes albopictus	\$364,278
2008	UNIVERSITY OF FLORIDA	FL	R01AI068965	GENETIC DISSECTION OF SLE2 CONTRIBUTION TO SLE PATHOGENESIS	\$342,998
2008	UNIVERSITY OF MIAMI	FL	R01AI055815	The immunobiology of CD4+ CD25+ T regulatory cells	\$317,071
2008	UNIVERSITY OF FLORIDA	FL	R01AI064891	ANTHRAX TOXINS IMPAIR PHAGOCYTE ACTIN-BASED MOTILITY	\$239,050
2008	UNIVERSITY OF FLORIDA	FL	R21AI073501	A NOVEL VIRUS THAT INFECTS & STERILIZES INSECT VECTORS OF HUMAN DISEASE	\$175,540
2008	UNIVERSITY OF MIAMI	FL	R21AI077093	A FADD-ASSOCIATED HELICASE ESSENTIAL FOR HOST DEFENSE	\$187,616
2008	UNIVERSITY OF MIAMI	FL	R21AI072126	CHLAMYDIA PNEUMONIAE-SPECIFIC INCLUSION MEMBRANE PROTEINS	\$187,616
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R21AI076881	ROLE OF THE LISTERIA PROTEIN INLC AND ITS HOST LIGAND TUBA IN CELL-CELL SPREAD	\$177,500
2008	UNIVERSITY OF FLORIDA	FL	P01AI042288	Immune Function and the Progression to Type 1 Diabetes	\$1,135,913
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI023338	Evolutionary Origins of Immune-Type Genes	\$337,184
2008	UNIVERSITY OF MIAMI	FL	R01AI044923	REGULATION OF MURINE NEONATAL TH2 FUNCTION	\$364,351
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI052017	RETROCYCLINS: CIRCULAR DEFENSINS ACTIVE AGAINST HIV-1	\$342,651
2008	UNIVERSITY OF FLORIDA	FL	R01AI055864	MECHANISMS CONTROLLING BABESIAL ANTIGENIC VARIATION	\$304,514
2008	UNIVERSITY OF FLORIDA	FL	R01AI045098	ANION REGULATION IN LARVAE OF DISEASE VECTOR MOSQUITOES	\$304,514
2008	UNIVERSITY OF FLORIDA	FL	T32AI060527	BIODEFENSE AND EMERGING INFECTIOUS DISEASES (BEID)	\$72,895
2008	UNIVERSITY OF CENTRAL FLORIDA	FL	R01AI073795	CHEMICAL GENETICS OF PLASMODIUM KINASES	\$366,703
2008	UNIVERSITY OF MIAMI	FL	R21AI078834	IMMUNOSTIMULATORY SINGLE CYCLE SIV VACCINES INCORPORATING TRAF-MEDIATED MOLECULAR	\$229,500
2008	UNIVERSITY OF MIAMI	FL	K22AI068489	CD40L AND GITRL ADJUVANTS FOR ADENOVIRAL VACCINES AGAINST HIV	\$162,000
2008	FLORIDA INTERNATIONAL UNIVERSITY	FL	SC1AI081376	REGULATION OF P. AERUGINOSA POXB OXACILLINASE BY AMPR AND A TWO-COMPONENT SYSTEM	\$295,800
2008	TRANSGENEX NANOBIOTECH INC	FL	R43AI080431	TARGETED DELIVERY OF SIRNA NANOPARTICLES TO PREVENT HIV-1 TRANSMISSION	\$181,482
2008	Florida State University	FL	R01AI073891	Four Mtb Membrane Proteins: Structure and Function	\$413,511

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI038178	REGULATION OF VIRULENCE FACTORS IN BARTONELLA HENSELAE	\$330,750
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI057559	NOVEL INNATE IMMUNE RECEPTORS IN ZEBRAFISH	\$337,184
2008	UNIVERSITY OF MIAMI, MEDICAL SCHOOL	FL	R01AI064591	REGULATION OF E2A IN NORMAL AND AGED B LYMPHOPOIESIS	\$352,300
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI049724	ECOLOGY OF ENCEPHALITIS VIRUSES IN THE USA	\$539,274
2008	UNIVERSITY OF MIAMI	FL	P30AI073961	The Miami Center for AIDS Research	\$778,275
2008	UNIVERSITY OF FLORIDA	FL	R01AI065276	HIV/FIV-CAT MODEL: A MODEL TO IDENTIFY VACCINE EPITOPES	\$350,776
2008	UNIVERSITY OF SOUTH FLORIDA	FL	R01AI072465	MAPPING PROTEIN INTERACTIONS BETWEEN FILARIA AND ITS WOLBACHIA ENDOSYMBIONT	\$408,082
2008	UNIVERSITY OF FLORIDA	FL	R01AI030904	Protective CMI mechanisms of a dual-subtype FIV vaccine	\$296,016
2008	UNIVERSITY OF MIAMI	FL	R01AI065530	Type III exported effectors of Chlamydia trachomatis	\$317,071
2008	UNIVERSITY OF FLORIDA	FL	R01AI061158	MECHANISMS OF INNATE AND ADAPTIVE IMMUNITY IN HCV	\$304,514
2008	UNIVERSITY OF FLORIDA	FL	R01AI065265	ROLE OF HIV-1 ENV DIVERSITY IN CELLULAR TROPISM	\$468,506
2008	FLORIDA INTERNATIONAL UNIVERSITY	FL	R01AI045545	Regulation of juvenile hormone titers in mosquitoes	\$343,243
2008	FLORIDA STATE UNIVERSITY	FL	R01AI023007	Correlations: Structure-Dynamics-Function in Channels	\$344,240
2008	UNIVERSITY OF FLORIDA	FL	R01AI048633	Molecular Genetics of HSV Reactivation	\$341,118
2008	UNIVERSITY OF FLORIDA	FL	R21AI079193	SMALL RNA REGULATION OF DEVELOPMENT IN CHLAMYDIA	\$219,750
2008	UNIVERSITY OF FLORIDA	FL	R03AI076547	MYCOPLASMA MODEL OF INFECTION-MEDIATED STERILE INFLAMMATION	\$73,250
2008	UNIVERSITY OF FLORIDA	FL	R01AI074068	DEFERRITHIOLIN ANALOGUE ACTINIDE DECORPORATION AGENTS	\$677,710
2008	UNIVERSITY OF MIAMI	FL	U01AI069451	UNIVERSITY OF MIAMI PEDIATRIC PERINATAL HIV/AIDS CLINICAL TRAILS UNIT	\$1,012,788
2008	UNIVERSITY OF FLORIDA	FL	R01AI015539	MOLECULAR BIOLOGY OF POLIOVIRUS RNA REPLICATION	\$346,729
2008	UNIVERSITY OF FLORIDA	FL	R37AI028571	Human Immunodeficiency Virus Proteinase	\$357,415
2008	UNIVERSITY OF FLORIDA	FL	R01AI055560	Vaccinia virus genetics and morphogenesis	\$302,397
2008	H LEE MOFFITT CANCER CENTER & RESEARCH INSTITUTE	FL	R01AI056213	TARGETING ACTIVE ADAPTORS TO CONTROL ENDOTHELIAL DAMAGE	\$265,330
2008	UNIVERSITY OF FLORIDA	FL	R01AI073674	MECHANISM OF TRYPANOSOMA CRUZI'S TRANSSIALIDASE IN CHAGAS' DISEASE	\$236,331
2008	UNIVERSITY OF FLORIDA	FL	R21AI070700	NOVEL GENETIC METHODS TO IDENTIFY ESSENTIAL GENES IN PLASMODIUM FALCIPARUM	\$215,575

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2008	EMORY UNIVERSITY	GA	R01AI069987	NOVEL HIV-1 VACCINE CANDIDATES USING NEWLY TRANSMITTED CLADE C ENVIS AS IMMUNOGENS	\$373,025
2008	EMORY UNIVERSITY	GA	R01AI061031	CONTROL OF VIRULENCE IN NEISSERIA MENINGITIDIS	\$284,630
2008	EMORY UNIVERSITY	GA	R01AI036680	IMMUNODOMINANT TARGETS OF CMI TO CRYPTOSPORIDIUM	\$210,146
2008	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI060799	AFM ARRAYS FOR SINGLE MOLECULAR MECHANICS	\$348,257
2008	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI044902	Visualizing Single Integrin Conformational Changes on Living Cells	\$393,557
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033106	CD8+ T CELL AND TRYPANOSOMA CRUZI INFECTION	\$342,300
2008	EMORY UNIVERSITY	GA	R01AI059290	CD137 SIGNALS IN DC DURING AG-PRIMING INDUCES TOLERANCE	\$392,994
2008	EMORY UNIVERSITY	GA	K08AI065822	INNATE IMMUNITY AND TRANSPLANTATION TOLERANCE	\$121,716
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	P01AI044979	VACCINE DISCOVERY FOR CHAGAS DISEASE	\$1,041,153
2008	EMORY UNIVERSITY	GA	R01AI065961	MOLECULAR MECHANISMS OF ANTIGENIC VARIATION IN MALARIA	\$402,453
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R37AI025899	SYNTHESIS AND BIOTRANSFORMATION OF ANTI-HIV PRODRUGS	\$496,711
2008	EMORY UNIVERSITY	GA	R01AI058828	Role of Vpu in Retroviral Particle Assembly	\$320,209
2008	EMORY UNIVERSITY	GA	R01AI058057	Function of the Gamma HV68 M2 Antigen	\$353,697
2008	GEORGIA TECH RESEARCH CORPORATION	GA	R56AI077343	MECHANICAL REGULATION OF SELECTIN-LIGAND BINDING KINETICS	\$151,000
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R13AI078541	17TH CONGRESS OF THE INTERNATIONAL ORGANIZATION FOR MYCOPLASMOLOGY	\$10,000
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI033108	Endocrinology of Mosquito Reproduction	\$270,756
2008	INFORMED HORIZONS LLC	GA	R13AI065203	HIV DART:FRONTIERS IN DRUG DEVELOPMENT FOR ARV THERAPIES	\$1
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068647	THE CONTRACTILE VACUOLE OF TRYPANOSOMA CRUZI	\$350,539
2008	EMORY UNIVERSITY	GA	R01AI034000	MHC CLASS II TRANSACTIVATOR FUNCTION AND REGULATION	\$320,209
2008	EMORY UNIVERSITY	GA	U01AI074579	SELF-ADMINISTERED MICRONEEDLE PATCHES FOR INFLUENZA VACCINES	\$1,410,179
2008	EMORY UNIVERSITY	GA	R01AI064462	Epithelial specific ubiquitination events	\$364,351
2008	EMORY UNIVERSITY	GA	P01AI080192	PD-1 Function, Signaling, and Regulation During Viral Infection	\$2,601,357

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2008	INSECTIGEN INC	GA	R43AI080013	PLANT PRODUCTION AND DELIVERY SYSTEM FOR BACTERIAL TOXINS TO MOSQUITY LARVAE	\$136,799
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI068908	GENOME EVOLUTION, INNOVATION AND ADAPTATION IN THE APICOMPLEXA	\$323,234
2008	EMORY UNIVERSITY	GA	R01AI072462	Mechanisms of pox virus motility and release	\$446,965
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI076322	The Outer Surface of Vibrio Cholerae	\$184,288
2008	EMORY UNIVERSITY	GA	R01AI024710	MOLECULAR ANALYSIS OF PLASMODIUM VIVAX SURFACE ANTIGENS	\$528,000
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI045135	Functional analysis of flavivirus genetic resistance	\$309,698
2008	EMORY UNIVERSITY	GA	R37AI028731	NONCARBOHYDRATE APPROACHES TO ANTIAIDS NUCLEOSIDES	\$324,651
2008	EMORY UNIVERSITY	GA	R01AI021150	GONOCOCCI: GENETICS OF RESISTANCE TO PMN PROTEINS	\$365,023
2008	EMORY UNIVERSITY	GA	U19AI057266	Vaccine Induced Immunity in the Young and Aged	\$3,378,056
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI073799	NONSTRUCTURAL ROLES OF CAPSID PROTEINS IN VIRUS REPLICATION	\$180,625
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI077038	MEMORY CELL MIGRATION FOLLOWING INFLUENZA VIRUS INFECTION	\$217,046
2008	EMORY UNIVERSITY	GA	R01AI062755	SEXUALLY TRANSMITTED INFECTIONS & ANTIMICROBIAL PEPTIDES	\$318,814
2008	EMORY UNIVERSITY	GA	T32AI007470	MOLECULAR MECHANISMS OF MICROBIAL PATHOGENESIS	\$354,008
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	F32AI074301	CHARACTERIZATION OF SPECIFIC VIRAL INHIBITORS OF INSECT NF-KB	\$0
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI063402	IDO DEPENDENT T CELL SUPPRESSION	\$266,027
2008	GEORGIA TECH RESEARCH CORPORATION	GA	K22AI068673	POLYOMAVIRUS TRANSPORT: VESICLES, MOTOR PROTEINS, AND ENDOCYTOSIS.	\$107,032
2008	EMORY UNIVERSITY	GA	R56AI048638	MICROBES, DENDRITIC CELL SUBSETS AND T-CELL IMMUNITY	\$440,000
2008	EMORY UNIVERSITY	GA	R01AI077446	NOVEL CHIMERIC ENV VACCINES TO ELICIT BROADLY NEUTRALIZING ANTIBODIES AGAINST HIV	\$348,469
2008	EMORY UNIVERSITY	GA	R56AI020723	GENETICA ANALYSIS OF S. PYOGENES VIRULENCE FACTORS	\$465,000
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI051560	DEVELOPING AVIRULENT RABIES VIRUS VACCINES	\$289,395
2008	EMORY UNIVERSITY	GA	R01AI073830	Role of gammaHV68 M1 antigen in Vbeta4+ T cell expansion and fibrosis	\$431,395
2008	EMORY UNIVERSITY	GA	R03AI068484	ANTIRETROVIRAL TREATMENT STRATEGIES WITH OPTIONAL SWITCHING TIMES	\$75,047

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2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI069275	ANTIBODY INHIBITION OF RESPIRATORY SYNCYTIAL VIRUS G PROTEIN ACTIVITY	\$320,713
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI049194	MYCOPLASMA PNEUMONIAE GLIDING MOTILITY	\$351,000
2008	EMORY UNIVERSITY	GA	R01AI064060	CTL and HIV Polymorphisms in Heterosexual Transmission	\$1,238,320
2008	EMORY UNIVERSITY	GA	R01AI054337	REGULATION OF VIRAL MEMBRANE FUSION	\$249,052
2008	EMORY UNIVERSITY	GA	R01AI065362	MOLECULAR MECHANISMS OF CD4+ T CELL DYSFUNCTION IN SIV	\$327,916
2008	EMORY UNIVERSITY	GA	R01AI058706	Determinants of Neutralization Breadth in Early HIV-1 Infection	\$440,000
2008	EMORY UNIVERSITY	GA	U19AI051731	Transplant Tolerance in Non-Human Primates	\$2,812,559
2008	EMORY UNIVERSITY	GA	T32AI055404	TRAINING IN POPULATION BIOLOGY OF INFECTIOUS DISEASES	\$130,611
2008	EMORY UNIVERSITY	GA	K99AI076346	PREVENTING AND CURING PERSISTENT INFECTIONS WITH TRANSIENT FTY720 TREATMENT	\$87,815
2008	EMORY UNIVERSITY	GA	K23AI073119	IMPACT OF PLASMA ALPHA-1-ACID GLYCOPROTEIN VARIABILITY ON FREE LOPINAVIR LEVELS	\$128,007
2008	EMORY UNIVERSITY	GA	F32AI072939	REGULATION OF CD8 T CELL RESPONSES TO POLYOMA VIRUS INFECTION	\$51,278
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI071109	DETERMINING SARS-COV HOST GENE REQUIREMENTS BY MUTAGENESIS AND RNA INTERFACE	\$180,872
2008	EMORY UNIVERSITY	GA	U01AI077821	DEVELOPMENT OF TRANSPLANT STRATEGIES UNIQUELY RESPONSIVE TO THE NEEDS OF CHILDREN	\$1,186,911
2008	EMORY UNIVERSITY	GA	R01AI074417	PD-1 BLOCKADE AS A THERAPY FOR SIV/AIDS	\$716,507
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	K08AI060629	PATHOGENESIS OF NIPAH VIRUS INFECTION IN GUINEA PIGS	\$113,495
2008	EMORY UNIVERSITY	GA	R01AI072435	Characterization of the Lamprey Adaptive Immune System	\$355,877
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI057877	IRON ACQUISITION FROM HOST PROTEINS IN S. PYOGENES	\$203,009
2008	EMORY UNIVERSITY	GA	R01AI043316	DEVELOPMENT OF STAPHYLOCOCCALCIDAL HUMAN PEPTIDES	\$218,645
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI063523	BIOSYNTHESIS AND FUNCTION OF BASE J	\$316,128
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$150,051
2008	EMORY UNIVERSITY	GA	U01AI074635	MEMORY AND REGULATORY T CELLS FOLLOWING T CELL DEPLETION IN TRANSPLANTATION	\$692,368

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	EMORY UNIVERSITY	GA	K08AI060966	ACTIVATION OF HUMAN TLR4 BY ENDOTOXIN BINDING TO MD-2	\$119,043
2008	EMORY UNIVERSITY	GA	R37AI041980	NUCLEOSIDES WITH DUAL ANTI-HIV AND HBV ACTIVITY	\$210,146
2008	EMORY UNIVERSITY	GA	R37AI040519	Activation, Apathy, Anergy and Apoptosis in Transplantation	\$375,233
2008	EMORY UNIVERSITY	GA	T32AI070081	Advanced Research Training in Transplantation Science	\$103,664
2008	EMORY UNIVERSITY	GA	R01AI071852	THERAPEUTIC DNA/MVA VACCINES FOR HIV	\$780,815
2008	EMORY UNIVERSITY	GA	R01AI073707	DETERMINANTS OF T CELL FATE IN TRANSPLANTATION	\$387,188
2008	EMORY UNIVERSITY	GA	R37AI051231	Virologic Correlates of Heterosexual Transmission	\$839,042
2008	EMORY UNIVERSITY	GA	R03AI079765	A NOVEL APPROACH FOR DIAGNOSIS AND NEWBORN SCREENING FOR 22Q11 DELETION SYNDROME	\$77,500
2008	EMORY UNIVERSITY	GA	K08AI072191	MECHANISMS OF T CELL DYSFUNCTION IN HEPATITIS C VIRUS PERSISTENCE	\$128,250
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI079277	VISUALIZATION OF INDIVIDUAL FOXP3+ T CELLS DURING AN ONSET AND PROGRESSION OF AUT	\$367,500
2008	EMORY UNIVERSITY	GA	F31AI077305	THE ROLE OF FCRL2 IN B CELL SIGNALING	\$33,852
2008	EMORY UNIVERSITY	GA	R01AI030363	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	\$379,865
2008	EMORY UNIVERSITY	GA	R21AI073582	REGULATION OF PROGENITOR ENTRY INTO THE THYMUS	\$193,333
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI022070	IMMUNOREGULATION IN EXPERIMENTAL CHAGAS DISEASE	\$361,744
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI064671	Biology of the apicomplexan plastid	\$280,431
2008	EMORY UNIVERSITY	GA	U01AI069418	EMORY HIV/AIDS CLINICAL TRIALS UNIT	\$3,252,959
2008	GEORGIA TECH RESEARCH CORPORATION	GA	R01AI064817	DIRECTED EVOLUTION OF ENZYMES THROUGH GENETIC SELECTION	\$317,693
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI061356	MECHANISM OF TRNA IMPORT INTO TRYPAOSOME MITOCHONDRIA	\$342,998
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI058284	CAMPYLOBACTER JEJUNI OUTER MEMBRANE PROTEIN VACCINE	\$254,762
2008	EMORY UNIVERSITY	GA	R01AI040662	POPULATION GENETICS & EVOLUTION OF ANTIBIOTIC RESISTANCE	\$177,893
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI058297	NOVEL PHOSPHOLIPASES C IN TRYPAOSOMATIDS	\$281,002
2008	EMORY UNIVERSITY	GA	P30AI050409	Center for AIDS Research at Emory University	\$1,665,424
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI055268	IMPDH AS A DRUG TARGET IN CRYPTOSPORIDIUM	\$298,836

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2008	EMORY UNIVERSITY	GA	R21AI076080	DEVELOPMENT AND EVALUATION OF A NOVEL SOCS1-SILENCED HIV VACCINE	\$264,000
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI074846	TEMPORAL AND SPATIAL PROFILING OF GENE EXPRESSION DURING POLAR GROWTH OF ASPERGIL	\$175,312
2008	EMORY UNIVERSITY	GA	R01AI069148	NOVEL VACCINE STRATEGIES AGAINST EBOLA VIRUS	\$383,527
2008	EMORY UNIVERSITY	GA	R01AI070829	MOLECULAR BSSIS OF MEF-MEDIATED ANTIBIOTIC RESISTANCE IN STREPTOCOCCUS PNEUMONIAE	\$372,633
2008	EMORY UNIVERSITY	GA	R21AI069018	INDUCTION OF IMMUNOLOGICAL TOLERANCE FOR GENE THERAPY	\$225,140
2008	EMORY UNIVERSITY	GA	R01AI078426	PATHOGENESIS OF MURINE POLYOMAVIRUS ALLOGRAFT NEPHROPATHY	\$386,771
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R01AI064200	Heterocycle Cation Recognition of the DNA Minor Groove.	\$304,514
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI060469	VIRULENCE OF THE OPPORTUNISTIC PATHOGEN RHODOCOCNIS EQUI	\$315,485
2008	EMORY UNIVERSITY	GA	R01AI068003	NOVEL VLP VACCINES FOR PANDEMIC INFLUENZA VIRUS	\$496,627
2008	EMORY UNIVERSITY	GA	R37AI030048	T CELL MEMORY TO VIRUSES	\$429,930
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R01AI023362	GENETIC ANALYSIS OF MYCOPLASMA PNEUMONIAE CELL ADHERENCE	\$273,841
2008	EMORY UNIVERSITY	GA	R37AI039816	COMPARISON OF B CELL DIFFERENTIATION IN MICE AND HUMANS	\$368,811
2008	EMORY UNIVERSITY	GA	R01AI044142	CD8 T CELLS IN RHEUMATOID ARTHRITIS	\$327,916
2008	EMORY UNIVERSITY	GA	U19AI061728	OPTIMIZING THE IMMUNOGENICITY OF MVA-BASED AIDS VACCINES	\$0
2008	EMORY UNIVERSITY	GA	R01AI040338	VIRAL AND CELLULAR DETERMINANTS OF HIV-1 ASSEMBLY	\$327,916
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	T32AI060546	Training in Tropical and Emerging Global Diseases	\$181,264
2008	EMORY UNIVERSITY	GA	R01AI071002	Developing Myxovirus Inhibitors with Expanded Pathogen Target Range	\$363,817
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI073622	THE MECHANISM OF CD11B/CD18-MEDIATED NEUTROPHIL TRANSMIGRATION	\$212,632
2008	EMORY UNIVERSITY	GA	R01AI070101	Mechanisms of hepatitis C virus persistence	\$401,835
2008	EMORY UNIVERSITY	GA	R01AI063491	GRAFT-SPECIFIC FACTORS PROMOTING INTESTINAL REJECTION	\$355,788
2008	GEOVAX INC	GA	U19AI074073	GM-CSF-ADJUVANTED CLADE C DNA/MVA AND MVA/MVA VACCINES	\$2,936,977
2008	GEORGIA STATE UNIVERSITY	GA	R21AI073824	DEVELOPMENT OF A NEW MODEL OF VIRAL HEMORRHAGIC FEVER.	\$177,193

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	ZETRA BIOLOGICALS LLC	GA	R43AI077406	ENHANCEMENT OF MUCOSAL ANTIBODY RESPONSES TO HIV VACCINE	\$300,000
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI076650	REPAIR OF METHIONINE RESIDUES IN H. PYLORI CATALASE	\$73,750
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R21AI064752	LONG-LIVED PLASMA CELL DIFFERENTIATION	\$180,259
2008	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	GA	R21AI078855	ANTIBODY/FC RECEPTOR INTERACTIONS IN AIDS MACAQUE MODELS	\$180,625
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R03AI067569	PROPHAGE-ASSOCIATED VIRULENCE FACTORS IN PATHOGENIC NEISSERIA SPECIES	\$73,750
2008	EMORY UNIVERSITY	GA	R01AI049334	QUANTITATIVE MODELS OF CD8+ T-CELL MEMORY	\$187,616
2008	GEORGIA REGENTS RESEARCH INSTITUTE INC	GA	R01AI059415	ENDOTOXIN EXPOSURE ALTERS-ANTI-TETANUS IGE IN INFANTS	\$348,515
2008	EMORY UNIVERSITY	GA	R21AI073317	ANTIVIRAL THERAPY FOR POLYOMAVIRUS INFECTION	\$225,140
2008	EMORY UNIVERSITY	GA	K25AI072193	QUANTITATIVE STUDIES OF CD8 T-CELL DYNAMICS	\$68,691
2008	EMORY UNIVERSITY	GA	R01AI067704	MECHANISMS OF GENOMIC RNA PACKAGING IN INFLUENZA VIRUS	\$327,916
2008	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC	GA	R21AI075244	MECHANISMS OF CERVICAL THYMUS DEVELOPMENT	\$217,046
2008	EMORY UNIVERSITY	GA	R01AI064766	MODULAR CHIMERIC VACCINES TAILORED FOR MALARIA PARASITES	\$402,453
2008	EMORY UNIVERSITY	GA	T32AI007610	Training in Immunology and Molecular Pathogenesis	\$361,164
2008	EMORY UNIVERSITY	GA	R56AI076237	THE ROLE OF LEUKOCYTE SEQUESTRATION IN THE CONTROL OF VIRAL INFECTIONS	\$433,692
2008	UNIVERSITY OF HAWAII	HI	R01AI074554	Global HIV Drug Therapies and Mitochondrial Complications and Mechanisms	\$662,825
2008	UNIVERSITY OF HAWAII	HI	R01AI068525	ROLE OF MACROPHAGES IN HIV LIPOATROPHY	\$324,582
2008	QUEEN'S MEDICAL CENTER	HI	R01AI050200	INOSITOL (1,4,5) TRISPHOSHATE RESPONSE THRESHOLDS	\$355,790
2008	UNIVERSITY OF HAWAII	HI	R21AI073816	REGULATION OF FATTY ACID BIOSYNTHESIS AND DEGRADATION IN PSEUDOMONAS AERUGINOSA	\$203,656
2008	UNIVERSITY OF HAWAII	HI	R21AI074608	DEVELOPMENT OF GENETIC SYSTEMS BASED ON NON-ANTIBIOTIC SELECTABLE MARKERS FOR BRU	\$169,713
2008	UNIVERSITY OF HAWAII	HI	R01AI071160	MALARIAL IMMUNITY IN PREGNANT CAMEROONIAN WOMEN	\$579,743
2008	PANTHERA BIOPHARMA LLC	HI	U01AI078067	ANTIDOTES TO ANTHRAX LETHAL FACTOR INTOXICATION	\$830,000
2008	UNIVERSITY OF HAWAII	HI	U01AI034853	HAWAII ACTU - ADULT THERAPEUTIC CLINICAL TRIALS PROGRAM	\$233,159

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF HAWAII	HI	R21AI073250	DEVELOPMENT OF MOLECULAR ADJUVANTS FOR THERAPEUTIC HIV-1 VACCINES	\$169,713
2008	UNIVERSITY OF HAWAII	HI	R01AI075057	INTRASPECIES TRANSMISSION AND INFECTIVITY OF INSECTIVORE-BORNE HANTAVIRUSES	\$406,657
2008	PANTHERA BIOPHARMA LLC	HI	R43AI079966	DISCOVERY OF BROAD SPECTRUM DENGUE VIRUS PROTEINASE INHIBITORS	\$299,997
2008	UNIVERSITY OF HAWAII	HI	R21AI076955	NOVEL ENGINEERING OF A P. FALCIPARUM MEROZOITE SURFACE PROTEIN 1 MALARIA VACCINE	\$254,320
2008	UNIVERSITY OF IOWA	IA	R01AI045540	INTERACTIONS BETWEEN LEISHMANIA AND THE IMMUNE RESPONSE	\$338,445
2008	UNIVERSITY OF IOWA	IA	R01AI058740	GBV-C effects on CD4 activation and expansion	\$617,141
2008	UNIVERSITY OF IOWA	IA	R01AI068803	PROSPECTIVE STUDIES OF AVIAN INFLUENZA TRANSMISSION IN ASIA	\$364,329
2008	NEWLINK GENETICS CORPORATION	IA	R43AI080029	IMPROVED INFLUENZA A VIRUS VACCINES USING ALPHA-GAL EPI TOPE MODIFICATION	\$287,565
2008	UNIVERSITY OF IOWA	IA	R01AI059752	CTL PATHOGENESIS AFTER INFECTION OF VACCINATED HOST	\$342,998
2008	UNIVERSITY OF IOWA	IA	R01AI055042	REGULATION OF PSEUDOMONAS AERUGINOSA TYPE III SECRETION	\$300,000
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI053261	COMPLEMENT MEDIATED LYSIS RESISTANCE GENES OF LEISHMANIA	\$271,608
2008	UNIVERSITY OF IOWA	IA	R01AI071085	ROLE OF DENDRITIC CELLS IN IMMUNITY TO PULMONARY INFLUENZA VIRUS INFECTIONS	\$357,293
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI076616	ROLE OF B CELLS IN THE CELL-MEDIATED IMMUNE RESPONSE TO LEISHMANIA AMAZONENSIS	\$115,733
2008	UNIVERSITY OF IOWA	IA	R01AI073872	CLC-3 ION TRANSPORT MODULATES NADPH OXIDASE-DEPENDENT PMN PRIMING BY ENDOTOXIN	\$375,000
2008	UNIVERSITY OF IOWA	IA	K08AI076671	PARAOXONASE-2 S311C POLYMORPHISM ALTERS GLYCOSYLATION AND LACTONASE ACTIVITY	\$126,267
2008	UNIVERSITY OF IOWA	IA	R01AI041478	UL34 AND HERPES SIMPLEX VIRUS ENVELOPMENT	\$245,877
2008	UNIVERSITY OF IOWA	IA	R01AI036073	REGULATION OF HIV-1 RNA SPLICING	\$325,569
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI049162	STRUCTURE AND FUNCTION OF SCHISTOSOME NEUROPEPTIDE F	\$299,201
2008	UNIVERSITY OF IOWA	IA	T32AI007533	Training in Molecular Virology and Viral Pathogenesis	\$100,718
2008	UNIVERSITY OF IOWA	IA	T32AI007260	Interdisciplinary Immunology Postdoctoral Training Program	\$133,650
2008	BIOPROTECTION SYSTEMS CORPORATION	IA	U01AI066327	RATIONALLY DESIGNED RIFT VALLEY FEVER VIRUS VACCINE	\$462,742

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2008	UNIVERSITY OF IOWA	IA	R21AI073330	SELECTION OF SMALL INHIBITORY MOLECULES AGAINST FILOVIRUSES	\$234,150
2008	UNIVERSITY OF IOWA	IA	K08AI067736	ROLE OF LUNG INFLAMMATION IN TH2 PRIMING	\$120,987
2008	UNIVERSITY OF IOWA	IA	R01AI078921	QUORUM SENSING-DEPENDENT INTERACTIONS WITH BIOFILMS AND INNATE IMMUNITY DEFENSES	\$375,000
2008	UNIVERSITY OF IOWA	IA	K01AI075089	SOCIAL NETWORKS AND THE SPREAD OF INFLUENZA AND OTHER NOSOCOMIAL INFECTIONS	\$126,630
2008	UNIVERSITY OF IOWA	IA	R01AI047374	MECHANISM OF ACTION OF INHIBITORY CPG OLIGONUCLEOTIDES	\$351,254
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI047194	Pharmacological Diversity of nAChRs in Clade III Nematodes: Levamisole receptors	\$275,832
2008	UNIVERSITY OF IOWA	IA	R01AI067489	REGULATION OF ATOPIC IMMUNE RESPONSES BY THE PROLYL ISOMERASE CYCLOPHILLIN A	\$351,254
2008	UNIVERSITY OF IOWA	IA	R01AI053034	NATIONAL SURVEILLANCE FOR EMERGING ADENOVIRUS INFECTIONS	\$241,881
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI074591	USE OF DOMINANT REPRESSOR ALLELES FOR NON-ANTIBIOTIC SELECTION IN YERSINIA PESTIS	\$138,577
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R03AI076855	NOVEL POLYMER-BASED SINGLE DOSE VACCINE: USE OF RPA FOR ANTHRAX IMMUNITY	\$71,734
2008	UNIVERSITY OF IOWA	IA	R21AI072032	ROLE OF TRAIL IN IMMUNITY TO INFLUENZA VIRUS INFECTIONS	\$183,938
2008	UNIVERSITY OF IOWA	IA	K08AI065517	THE ROLE OF NALPS IN INNATE IMMUNITY	\$120,987
2008	UNIVERSITY OF IOWA	IA	R01AI046653	ACCELERATED CD8 T CELL MEMORY AFTER DC VACCINATION	\$400,429
2008	UNIVERSITY OF IOWA	IA	T32AI007485	Predoctoral Training Program in Immunology	\$205,620
2008	UNIVERSITY OF IOWA	IA	R01AI059682	CHEMOSENSORY REGULATION OF BACTERIAL GENE EXPRESSION	\$278,241
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI067281	GENOTYPIC AND PHENOTYPIC ANALYSIS OF WEST NILE VIRUS, YUCATAN PENINSULA OF MEXICO	\$160,195
2008	UNIVERSITY OF IOWA	IA	R01AI070958	INNATE IMMUNE DEFENSE AGAINST COMMUNITY ASSOCIATED METHICILLIN-RESISTANT S.AUREUS	\$337,500
2008	UNIVERSITY OF IOWA	IA	K08AI079410	FUNCTION OF LONGUS TYPE IV PILI IN ENTEROTOXIGENIC E COLI	\$127,440
2008	UNIVERSITY OF IOWA	IA	R21AI074392	ANALYSIS OF INTERACTIONS OF HIV TAT AND TAR WITH HEXIM1, 7SK, AND P-TEFB	\$182,937
2008	UNIVERSITY OF IOWA	IA	R21AI069038	TYROSINE PHOSPHORYLATION DURING A. PHAGOCYTOPHILUM INVASION	\$180,872

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2008	UNIVERSITY OF IOWA	IA	R01AI063520	IMMUNOPATHOLOGY MEDIATED BY RSV-SPECIFIC CD4 T CELLS	\$356,502
2008	UNIVERSITY OF IOWA	IA	R01AI073835	Inhibition of human neutrophil function by Francisella tularensis	\$375,000
2008	UNIVERSITY OF IOWA	IA	R01AI024616	H. influenzae: Role of Sialic Acid in Virulence	\$571,257
2008	UNIVERSITY OF IOWA	IA	R01AI050073	REGULATION OF T CELL HOMEOSTASIS BY IFN-GAMMA	\$361,744
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI043957	Structural Studies of a T cell Specific Tyrosine Kinase	\$300,726
2008	UNIVERSITY OF IOWA	IA	R01AI059451	ZINC METALLOPROTEASE FAMILIES IN TRYPANOSOMA BRUCEI	\$342,998
2008	UNIVERSITY OF IOWA	IA	R01AI045728	BIOFILM FORMATION BY NEISSERIA GONORRHOEAE	\$425,807
2008	UNIVERSITY OF IOWA	IA	R01AI067874	COLLABORATIVE DEVELOPMENT OF A VACCINE AGAINST CUTANEOUS AND VISCERAL LEISHMANIAS	\$433,591
2008	UNIVERSITY OF IOWA	IA	T32AI007343	Research Training In Infectious Diseases	\$250,689
2008	UNIVERSITY OF IOWA	IA	R21AI076989	INNATE IMMUNE CONTROL OF INFLUENZA VIRUS INFECTION	\$180,373
2008	UNIVERSITY OF IOWA	IA	P01AI060699	PPG: SARS-CoV-host cell interactions and vaccine development	\$1,443,819
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R21AI074711	ROLE OF PATHOGEN-DERIVED CAPPING CARBOHYDRATES IN ALTERING IMMUNITY	\$177,316
2008	UNIVERSITY OF IOWA	IA	R21AI077504	GABP-CONTROLLED GENE REGULATORY NETWORK IN T LYMPHOCYTES	\$223,925
2008	UNIVERSITY OF IOWA	IA	R01AI049993	TRAF REGULATION AND RECEPTOR INTERACTIONS IN TNFR FAMILY SIGNALS	\$308,700
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI067691	INFLUENCE OF CELL-BOUND STX ON CYTOKINE PRODUCTION	\$115,886
2008	UNIVERSITY OF IOWA	IA	R01AI059372	REGULATION OF MD-2 FUNCTION AND EXPRESSION	\$342,998
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI059455	EXERCISE-INDUCED IMMUNOMODULATION IN THE AGED: MECHANISMS	\$487,226
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	K08AI070523	QUORUM-SENSING MECHANISMS OF CAMPYLOBACTER	\$123,275
2008	UNIVERSITY OF IOWA	IA	R37AI042767	Regulation of primary and secondary CD4 and CD8 T cell memory	\$375,000
2008	UNIVERSITY OF IOWA	IA	R01AI028847	THE ROLES OF TRAF3 IN LYMPHOCYTE SIGNALING	\$325,569
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI062787	PRETERM BIRTH, LUNG INNATE IMMUNITY, AND RSV	\$451,544
2008	UNIVERSITY OF IOWA	IA	T32AI007511	Training in Mechanisms of Parasitism	\$281,821

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2008	UNIVERSITY OF IOWA	IA	R01AI068885	NOVEL THERAPEUTIC APPROACHES FOR ELIMINATING HEPATITIS B VIRUS DNAS AND RNAS	\$361,744
2008	IOWA STATE UNIVERSITY OF SCIENCE & TECHNOLOGY	IA	R01AI075150	REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCGAMMA1	\$325,749
2008	IDAHO STATE UNIVERSITY	ID	R03AI074894	ETIOLOGY, EPIDEMIOLOGY, AND CLINICAL OUTCOMES OF HEALTH CARE ASSOCIATED PNEUMONIA	\$61,996
2008	UNIVERSITY OF CHICAGO	IL	R01AI069227	Surface Proteins of Bacillus anthracis	\$366,382
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI073919	HELICASE REGULATION OF DSRNA SIGNALING AND INNATE ANTIVIRAL IMMUNE RESPONSES	\$355,200
2008	NORTHWESTERN UNIVERSITY	IL	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$1
2008	UNIVERSITY OF CHICAGO	IL	R01AI072627	FAS IN HOST DEFENSE AND AUTOIMMUNE DISEASES	\$376,459
2008	NORTHWESTERN UNIVERSITY	IL	F32AI065091	ROLE OF PILQ IN THE FUNCTION OF THE GONOCOCCAL PILUS	\$53,992
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI069554	TARGETING HIGH-RISK WOMEN FOR HVTN AND MICROBICIDE TRIALS	\$596,555
2008	NORTHWESTERN UNIVERSITY	IL	R01AI041985	Unconventional APC Inducing Autoimmune Th17 Cell Expansion in Lupus	\$328,181
2008	NORTHWESTERN UNIVERSITY	IL	R01AI047770	INTRACELLULAR TRAFFICKING OF HIV-1 PARTICLES	\$375,468
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI052344	INITIATION OF TOLL-LIKE RECEPTOR SIGNALING	\$275,598
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI033503	Molecular Mechanisms of Leukocyte Activation	\$320,610
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI045928	MOLECULAR MECHANISMS OF THE H. PYLORI VACUOLATING TOXIN	\$205,001
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	U01AI075502	TARGETED ANTITOXIN DELIVERY PLATFORMS AS POST-EXPOSURE THERAPIES FOR BOTULISM	\$373,309
2008	NORTHWESTERN UNIVERSITY	IL	R01AI072570	EPITHELIAL BAFF AND APRIL IN AIRWAY INFLAMMATION, IMMUNITY AND DISEASE	\$370,328
2008	UNIVERSITY OF CHICAGO	IL	R01AI067584	SPREAD OF COMMUNITY-ACQUIRED MRSA AMONG HOUSEHOLD CONTACTS	\$589,455
2008	NORTHWESTERN UNIVERSITY	IL	K23AI064397	STUDIES OF AUTOIMMUNITY AND ATHEROSCLEROSIS	\$127,578
2008	UNIVERSITY OF CHICAGO	IL	R03AI069284	DEVELOPMENT OF TWO ALLOREACTIVE BCR-TG MOUSE STRAINS	\$77,000
2008	UNIVERSITY OF CHICAGO	IL	R01AI042797	YERSINIA TYPE III TRANSPORT OF YOP PROTEINS INTO IMMUNE CELLS	\$306,506
2008	NORTHWESTERN UNIVERSITY	IL	R01AI076315	15-LIPOXYGENASE REGULATION OF MUCOSAL IMMUNITY IN ALLERGIC AIRWAYS DISEASE	\$377,500
2008	NORTHWESTERN UNIVERSITY	IL	R21AI079025	UNDERSTANDING THE MECHANISM OF RETROVIRUS BUDDING	\$226,500

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2008	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R21AI065308	MURINE MODEL OF STD-ENCHANCED HIV TRANSMISSION	\$217,782
2008	NORTHWESTERN UNIVERSITY	IL	T32AI007476	Immunology and Molecular Pathogenesis Training Program	\$239,138
2008	NORTHWESTERN UNIVERSITY	IL	R01AI067048	EBV GB FUNCTION IN VIRAL FUSION, ENTRY, AND EGRESS	\$365,578
2008	UNIVERSITY OF CHICAGO	IL	R01AI071080	MECHANISMS OF TLR-MEDIATED PREVENTION OF TRANSPLANTATION TOLERANCE	\$307,000
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI030070	REGULATION OF HEPATITIS B VIRUS TRANSCRIPTION	\$512,408
2008	NORTHWESTERN UNIVERSITY	IL	R01AI051490	GENETIC AND BIOCHEMICAL STUDY OF V. CHOLERAEE RTX TOXIN	\$377,500
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI057860	MOLECULAR MECHANISM OF HSV ENTRY AND SPREAD	\$284,468
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI044941	MOLECULAR MECHANISM OF GRANULE-MEDIATED APOPTOSIS	\$289,575
2008	NORTHWESTERN UNIVERSITY	IL	R01AI061701	LYMPHOEPITHELIAL INTERACTIONS IN IBD	\$322,767
2008	UNIVERSITY OF CHICAGO	IL	R01AI064489	THE ROLE OF PROTEASOMES IN VIRAL RNA TRANSLATION	\$361,698
2008	UNIVERSITY OF CHICAGO	IL	K08AI059105	ICOS EXPRESSION LEVELS AND TH DEVELOPMENT	\$119,610
2008	UNIVERSITY OF CHICAGO	IL	R01AI074658	Global Cysteine Modifications in Human Pathogens	\$386,651
2008	NORTHWESTERN UNIVERSITY	IL	R21AI077100	MAST CELL REGULATION OF CD8+ T CELL RESPONSES	\$185,164
2008	LOYOLA UNIVERSITY OF CHICAGO	IL	R01AI069314	Plasmodium falciparum gametocytogenesis	\$265,728
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI042015	Regulation of the Poly Sialic Virulence Factor	\$177,895
2008	UNIVERSITY OF CHICAGO	IL	R01AI052352	Role of NF-kB Activation in Acute Allograft Rejection	\$340,671
2008	UNIVERSITY OF CHICAGO	IL	R21AI076720	WNT/B-CATENIN SIGNALING IN T-CELL TRANSFORMATION	\$191,875
2008	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R03AI079530	ADRENERGIC CONTROL OF STEM CELL LINEAGE COMMITMENT IN SEPSIS	\$74,250
2008	NORTHWESTERN UNIVERSITY	IL	R21AI078525	A NOVEL MURINE MODEL OF FOOD ALLERGY TO PEANUT OR EGG	\$220,380
2008	NORTHWESTERN UNIVERSITY	IL	R01AI052051	CELL BIOLOGY AND HIV ENTRY	\$382,867
2008	NORTHWESTERN UNIVERSITY	IL	R01AI076456	Regulation of Allergic Inflammation by Histamine	\$377,500
2008	UNIVERSITY OF CHICAGO	IL	P01AI053725	GLYCOLIPID PRESENTATION BY CD1D	\$1,304,014
2008	NORTHWESTERN UNIVERSITY	IL	R01AI057363	STUDIES ON INFLUENZA B VIRUS BM2 PROTEIN ION CHANNEL	\$273,857
2008	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	U01AI069512	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,016,531
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045995	LACCASE REGULATION AND VIRULENCE IN CRYPTOCOCCUS	\$361,872
2008	NORTHWESTERN UNIVERSITY	IL	R37AI036293	ENTRY OF HERPES SIMPLEX VIRUS INTO CELLS	\$345,323

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2008	UNIVERSITY OF ILLINOIS URBANA CAMPUS	IL	R01AI038396	PASTEURELLA MULTOCIDA TOXIN: STRUCTURE AND ACTIVITY	\$316,287
2008	NORTHWESTERN UNIVERSITY	IL	R01AI042898	SURGICAL STUDIES OF CMV REACTIVATION IN TRANSPLANTATION	\$282,365
2008	UNIVERSITY OF CHICAGO	IL	R01AI067406	Biological Rhythms and Immune Function	\$319,164
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI059570	ELUCIDATING THE ENTRY MECHANISM OF EBOLA VIRUSES	\$322,069
2008	NORTHWESTERN UNIVERSITY	IL	K25AI062977	PATHOGEN SURVIVAL IN TRANSPORT-LIMITED ENVIRONMENTS	\$143,721
2008	NORTHWESTERN UNIVERSITY	IL	R01AI043407	The Regulation and Function of CD1d-restricted T Cells	\$333,295
2008	NORTHWESTERN UNIVERSITY	IL	T32AI060523	TRAINING PROGRAM IN VIRAL REPLICATION	\$145,281
2008	UNIVERSITY OF CHICAGO	IL	R01AI062026	DEVELOPMENT AND FUNCTION OF LYMPHOID TISSUES	\$349,937
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R21AI077020	CROSSTALK IN RNA MEDIATED INNATE ANTIVIRAL RESPONSES	\$187,003
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI055651	HOST-PATHOGEN GENETICS USING LISTERIA AND DROSOPHILA	\$286,904
2008	UNIVERSITY OF CHICAGO	IL	U01AI070559	LCRV PLAGUE VACCINE WITH ALTERED IMMUNE MODULATORY PROPERTIES	\$3,835,703
2008	UNIVERSITY OF CHICAGO	IL	F32AI069697	CHARACTERIZATION OF HEME ACQUISITION IN B. ANTHRACIS	\$46,826
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI015650	Genetic Approaches to Lipid Metabolism	\$607,921
2008	NORTHWESTERN UNIVERSITY	IL	F31AI077322	THE ROLE OF SRC FAMILY KINASE LCK IN TH2 DIFFERENTIATION	\$40,972
2008	ILLINOIS INSTITUTE OF TECHNOLOGY	IL	R01AI073892	ANTIMICROBIAL PEPTIDES AND THEIR SYNTHETIC MIMICS - INVESTIGATING THE MECHANISM O	\$292,898
2008	NORTHWESTERN UNIVERSITY	IL	R33AI076968	DEVELOPMENT OF TISSUE EXPLANT MODELS FOR MICROBICIDE EVALUATION	\$380,874
2008	BIOSANTE PHARMACEUTICALS INC	IL	R43AI078638	CALCIUM PHOSPHATE-INTERFERON (CAP-IFN) PARTICLES FOR PULMONARY DELIVERY OF IFN	\$142,250
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI064745	MULTIVALENT VACCINE FOR LYMPHATIC FILARIASIS	\$374,742
2008	NORTHWESTERN UNIVERSITY	IL	R01AI043987	Type II Secretion and Legionella pneumophila Infection	\$239,471
2008	UNIVERSITY OF CHICAGO	IL	K08AI069190	GENERATION AND ANALYSIS OF IMMUNITY INSIDE TUMOR TISSUES	\$96,603
2008	UNIVERSITY OF CHICAGO	IL	R01AI038339	Transcriptional Regulation of Innate-Like T Cells	\$371,420
2008	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI030464	PHYSIOLOGY OF INSECT AMINO ACID TRANSPORT	\$286,491
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	P01AI060915	NOVEL PROTEASE INHIBITORS AS SARS THERAPEUTICS	\$1,510,698
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI041816	LISTERIA VIRULENCE GENE EXPRESSION WITHIN HOST CELLS	\$326,532

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2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI070426	IMMUNOTHERAPEUTICS AND VACCINES AGAINST ANTHRAX, PLAGUE AND TULAREMIA	\$916,440
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI050440	TRIAL OF MALE CIRCUMCISION TO REDUCE HIV INCIDENCE	\$2,105,752
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI063230	FUNCTIONAL ANALYSIS OF CU/ZN SUPEROXIDE DISMUTASE	\$338,953
2008	NORTHWESTERN UNIVERSITY	IL	F32AI071475	ZINC TRAFFICKING MACHINERY IN MALARIA INFECTION	\$46,826
2008	UNIVERSITY OF CHICAGO	IL	R01AI072630	MECHANISTIC STUDIES ON LISTERIA INFECTION AND INHIBITION OF ALLOGRAFT TOLERANCE	\$376,459
2008	UNIVERSITY OF CHICAGO	IL	U01AI077887	TOWARDS A VACCINE TO PREVENT TOXOPLASMOSIS	\$908,269
2008	ANN & ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO	IL	R21AI079872	ESTABLISHING PRECURSORS OF FOOD ALLERGY IN NEWBORNS	\$255,477
2008	NORTHWESTERN UNIVERSITY	IL	F31AI077321	INTERACTION OF HIV WITH MACAQUE GENITAL TRACT	\$30,075
2008	HOWARD BROWN HEALTH CENTER	IL	U01AI035039	Multicenter AIDS Cohort Study	\$3,601,766
2008	ILLINOIS STATE UNIVERSITY	IL	R01AI065622	REDOX BALANCE & DRUG DEVELOPMENT IN SCHISTOSOMA MANSONI	\$248,929
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	F31AI064123	PATHOGEN RECOGNITION BY TOLL-LIKE RECEPTOR COMPLEXES	\$48,390
2008	NORTHWESTERN UNIVERSITY	IL	R01AI044239	Molecular Genetics of the Gonococcus	\$276,259
2008	UNIVERSITY OF CHICAGO	IL	R01AI038897	Surface Proteins of Gram-Positive Bacteria	\$349,937
2008	NORTHWESTERN UNIVERSITY	IL	U01AI069471	NORTHWESTERN UNIVERSITY CLINICAL TRIAL UNIT	\$2,566,649
2008	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE & SCIENCE	IL	R01AI057349	ENTRY OF HHV-8 INTO THE TARGET CELLS	\$318,118
2008	UNIVERSITY OF CHICAGO	IL	R01AI059676	SIGNALING IN THE DN TO DP THYMOCYTE TRANSITION	\$321,257
2008	UNIVERSITY OF CHICAGO	IL	U54AI057153	MOLECULAR ANALYSES AND INTERVENTIONS FOR BIODEFENSE AND EMERGING PATHOGENS	\$9,786,645
2008	NORTHWESTERN UNIVERSITY	IL	R01AI020201	The Structure and Function of the Influenza Virus Genome	\$328,874
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R03AI070245	OPTIMIZATIONS OF RRNA-BASED MICROBIAL ANALYSES	\$79,250
2008	ILLINOIS STATE UNIVERSITY	IL	R15AI079635	ANALYSIS OF VRASR AND VRASR REGULATED GENE EXPRESSION IN STAPHYLOCOCCUS AUREUS	\$214,500
2008	NORTHWESTERN UNIVERSITY	IL	R21AI076771	EPIGENETIC CONTROL OF CYTOMEGALOVIRUS LATENCY AND REACTIVATION	\$226,500
2008	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI068390	Maintaining B cell immunity with aged B lymphocytes	\$364,196

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R03AI073469	INTRACELLULAR MYCOBACTERIAL PROTEOME	\$78,500
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI045070	IN VITRO FOLDING AND ASSEMBLY OF CLASS I MHC MOLECULES	\$298,223
2008	UNIVERSITY OF CHICAGO	IL	R01AI044932	CD43 REGULATION OF IMMUNE RESPONSES	\$371,420
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI046943	STRUCTURAL BIOLOGY OF ENZYMES ACTIVATING PRODRUGS	\$250,043
2008	NORTHWESTERN UNIVERSITY	IL	R01AI055977	GONOCOCCAL PILUS STRUCTURE AND FUNCTION	\$276,259
2008	RUSH-PRESBYTERIAN-ST LUKE'S MEDICAL CENTER	IL	R01AI065361	Vpu inhibits NK cell function through down regulation of NTB-A	\$317,200
2008	NORTHWESTERN UNIVERSITY	IL	R37AI033493	Mechanisms of Gonococcal Pilin Antigenic and Phase Variation	\$377,500
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI022383	CONJUGAL TRANSFER OF BACTERIODES ANTIBIOTIC RESISTANCES	\$320,068
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	U01AI066709	LACTOBACILLI: BLOCKING HIV/HSV BY MANNOSE BINDING	\$490,858
2008	UNIVERSITY OF CHICAGO	IL	R01AI012575	Transcribing Activities in N4 Infected E. Coli	\$498,762
2008	UNIVERSITY OF CHICAGO	IL	T32AI065382	BIODEFENSE TRAINING IN HOST-PATHOGEN INTERACTIONS	\$156,369
2008	NORTHWESTERN UNIVERSITY	IL	R01AI040310	The role of MHC class Lb in T cell development and infectious disease	\$333,295
2008	UNIVERSITY OF CHICAGO	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$57,392
2008	UNIVERSITY OF CHICAGO	IL	R01AI076585	THE ORIGIN AND CONSEQUENCES OF RECEPTOR EDITING AND ALLELIC-INCLUSION.	\$385,000
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	RC1AI080296	PARATHYROID HORMONE IN PREVENTION AND MITIGATION OF THROMBOCYTOPENIA	\$971,511
2008	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R21AI080528	INFLAMMATORY RESPONSE AFTER COMBINED INSULT OF RADIATION AND BURN INJURY	\$185,625
2008	UNIVERSITY OF CHICAGO	IL	R21AI079373	DELETION OF INHIBITORY GENES IN POST-THYMIC T CELLS TO STUDY IMMUNE TOLERANCE	\$231,000
2008	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI056108	NATURAL KILLER T CELLS AND THE IMMUNE RESPONSE TO INJURY	\$275,329
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI058190	THERAPEUTIC TREATMENT OF EAT BY INDUCING DENDRITIC CELL	\$364,849
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI055733	HOST DEFENSE EVASION BY FATAL EMERGING PARAMYXOVIRUSES	\$247,424
2008	UNIVERSITY OF CHICAGO	IL	R01AI047380	MECHANISM OF IMMUNOGLOBULIN HYPERMUTATION	\$361,699
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI070827	HIGH THROUGHPUT IN VITRO HEPATITIS C VIRUS SCREENING	\$231,928

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2008	UNIVERSITY OF CHICAGO	IL	T32AI007090	Interdisciplinary Training Program in Immunology	\$549,674
2008	NORTHWESTERN UNIVERSITY	IL	R01AI057460	Group 1 CD1 in Infectious Disease and T Cell Development	\$277,304
2008	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R21AI072221	DEFINITION OF STRUCTURAL ORGANIZATION AND ENZYMOLOGY OF THE EBV PROTEIN KINASE.	\$144,500
2008	NORTHWESTERN UNIVERSITY	IL	R01AI034937	Genetics of Iron Acquisition by Legionella pneumophila	\$308,537
2008	LYBRADYN INC	IL	R43AI080010	AHL HYDROLASE MEDIATED BIOFILM INHIBITION	\$133,025
2008	UNIVERSITY OF CHICAGO	IL	R34AI080962	EVALUATION OF LOVASTATIN IN SEVERE PERSISTENT ASTHMA (ELISPA)	\$231,000
2008	UNIVERSITY OF CHICAGO	IL	R01AI067697	MECHANISMS OF RESOLUTION IN EXPERIMENTAL ASTHMA	\$376,459
2008	NORTHWESTERN UNIVERSITY	IL	R01AI070072	THE APOBEC/VIF CONFLICT AND HIV PATHOGENESIS	\$510,874
2008	NORTHWESTERN UNIVERSITY	IL	R01AI076183	Structural and Functional Studies of gp42 and HLA Class 2 in EBV Entry	\$430,471
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI074233	PROTEIN STRUCTURE/FUNCTION BY NMR, CRYSTALLOGRAPHY AND COMPUTATIONAL CHEMISTRY	\$366,525
2008	LOYOLA UNIVERSITY OF CHICAGO MEDICAL CENTER	IL	R01AI050260	Somatic Diversification of Immunoglobulin Genes in Galt	\$364,196
2008	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	IL	U01AI034993	Chicago WIHS Consortium V (CWC)	\$2,923,384
2008	NORTHSHORE UNIVERSITY HEALTHSYSTEM RESEARCH INSTITUTE	IL	R01AI050707	MOLECULAR BASIS OF PARAMYXOVIRUS-INDUCED STAT DEGRADATION	\$337,875
2008	LOYOLA UNIVERSITY OF CHICAGO	IL	T32AI007508	Experimental Immunology Training Grant	\$192,557
2008	UNIVERSITY OF CHICAGO	IL	R01AI027530	TREATMENT OF CONGENITAL TOXOPLASMOSIS	\$195,233
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI052400	FACTORS AND DNA MOTIFS IN IG CLASS SWITCH	\$392,500
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI056148	THE ROLE OF HOST B LYMPHOCYTES IN YERSINIA PATHOGENESIS	\$310,093
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI055530	POXVIRUS REGULATION OF NF-KB: MECHANISMS FOR VIRULENCE	\$297,445
2008	NORTHWESTERN UNIVERSITY	IL	R01AI056346	ALPHA-HERPESVIRUS TRANSPORT IN AXONS	\$276,259
2008	UNIVERSITY OF CHICAGO	IL	K08AI060888	IN VIVO PROPERTIES OF EX VIVO EXPANDED CD25+ T CELLS	\$127,305
2008	UNIVERSITY OF ILLINOIS BOARD OF TRUSTEES	IL	R01AI064611	RECEPTOR-BASED THERAPEUTICS FOR ENTEROTOXINS	\$296,708
2008	NORTHWESTERN UNIVERSITY	IL	K02AI065615	NOVEL PATHOGENICITY ISLANDS OF PSEUDOMONAS AERUGINOSA	\$99,171
2008	NORTHWESTERN UNIVERSITY	IL	R01AI023173	STRUCTURE AND EXPRESSION OF THE PARAMYXOVIRUS SV5 GENOME	\$319,195

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2008	UNIVERSITY OF CHICAGO	IL	R01AI073922	Molecular Recognition of Ligand by the Gamma Delta T Cell Receptor	\$350,217
2008	UNIVERSITY OF ILLINOIS AT CHICAGO	IL	R01AI072445	NEW MECHANISM OF RESISTANCE TO OXAZOLIDINONE ANTIBIOTICS IN STAPHYLOCOCCUS AUREUS	\$375,945
2008	RUSH-PRESBYTERIAN-ST LUKE`S MEDICAL CENTER	IL	R21AI077329	HOST SIGNALING FACTORS THAT REPRESS HIV REPLICATION	\$225,000
2008	UNIVERSITY OF CHICAGO	IL	F31AI073227	ROLE OF THE DEUBIQUITINATING ENZYME AMSH	\$34,356
2008	SOUTHERN ILLINOIS UNIVERSITY-CARBONDALE	IL	R01AI080576	MECHANISMS OF FATIGUE IN A CHRONIC VIRAL DISEASE	\$380,710
2008	PURDUE UNIVERSITY	IN	K02AI068655	ROLE OF E3 UBIQUITIN LIGASE IN SALMONELLA-INDUCED INFLAMMATION	\$109,616
2008	PURDUE UNIVERSITY	IN	R01AI069344	MODULATION OF HOST APOPTOTIC PATHWAYS BY LEGIONELLA PNEUMOPHILA	\$292,446
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI060744	SIGNAL TRANSDUCTION BY ESSENTIAL VICRKX IN PNEUMOCOCCUS	\$357,474
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI056242	IL-12 REGULATION IN LEISHMANIA INFECTED DENDRITIC CELLS	\$244,169
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI052439	M. avium GPLs in Macrophage Activation and Virulence	\$307,781
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	F32AI072992	NUTRIENT UPTAKE BY THE STALK OF CAULOBACTER CRESCENTUS	\$49,646
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI056318	QMS TECHNOLOGY TO DEplete T CELL ALLOREACTIVITY	\$588,648
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R13AI065183	BIENNIAL SYMPOSIUM ON H.DUCREYI PATHOGENESIS AND CHANCROID	\$1
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI077091	ROLE OF IL-17-SECRETING T CELLS IN ANTI-VIRAL IMMUNITY	\$220,419
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	F31AI077323	ALLOSTERY IN HEPATITIS B VIRUS CAPSID ASSEMBLY	\$30,068
2008	PURDUE UNIVERSITY	IN	R01AI076331	Structure and Function of Flaviviruses	\$741,770
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI073290	MECHANISM OF ANTIBACTERIAL ACTIVITY OF PEPTIDOGLYCAN RECOGNITION PROTEINS	\$385,000
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R56AI077502	GCN5-MEDIATED TRANSCRIPTION IN AIDS PATHOGEN TOXOPLASMA	\$307,838
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI071121	DETERMINANTS OF GROWTH AND FITNESS IN DRUG RESISTANT MALARIA PARASITES	\$392,646
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI060519	Immunology and Infectious Diseases	\$296,258
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI031494	MIDWEST SEXUALLY TRANSMITTED INFECTIONS TOPICAL MICROBICIDE COOPERATIVE RESEARCH	\$1,450,816

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2008	PURDUE UNIVERSITY	IN	R03AI073326	AN IN VIVO GENE DELETION SYSTEM FOR ANALYZING TEMPORAL REQUIREMENT OF THE DOT/ICM	\$72,783
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI078489	NEW CELLULAR EFFECTORS OF HUMAN PAPILOMAVIRUS E7 ACTIVITY	\$192,419
2008	PURDUE UNIVERSITY	IN	R01AI072035	STRUCTURAL BASIS OF BACTERIOPHAGE T7 ASSEMBLY AND DNA PACKAGING	\$351,317
2008	UNIVERSITY OF NOTRE DAME	IN	R21AI072517	HIGH-RESOLUTION HYBRIDIZATION-BASED GENOTYPING IN PLASMODIUM FALCIPARUM	\$181,485
2008	PURDUE UNIVERSITY	IN	R01AI065667	NON-REPLICATIVE VACCINE FOR HUMAN BRUCELLOSIS	\$301,551
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI067416	NOVEL RNA STRUCTURES IN CORONAVIRUS REPLICATION	\$376,661
2008	PURDUE UNIVERSITY	IN	R01AI074745	FoxP3+ T cells of mucosal tissues	\$336,548
2008	PURDUE UNIVERSITY	IN	R01AI049978	HOST ACTIN CYTOSKELETON REARRANGEMENTS INDUCED BY SALMONELLA	\$336,227
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI025859	ADULT AIDS CLINICAL TRIALS UNIT	\$452,645
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI063508	ECOLOGICAL GENOMICS OF ANOPHELES GAMBIAE	\$537,240
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059327	SYNTHESIS AND MECHANISTIC STUDIES OF PEPTIDE ANTIBIOTICS	\$304,603
2008	PURDUE UNIVERSITY	IN	R01AI059374	Adenoviral Vector-based Pandemic Influenza Vaccine	\$313,263
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI062259	AVEOLAR MACROPHAGE APOPTOSIS AND PNEUMOCYSTIS	\$359,509
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U01AI069911	East Africa International Epidemiologic Databases to Evaluate AIDS (IeDEA) Regional Consortium	\$1,250,944
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI059384	HUMAN IMMUNE RESPONSE TO HAEMOPHILUS DUCREYI INFECTION	\$369,805
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI072020	HPV IN ADOLESCENT WOMEN	\$352,500
2008	PURDUE UNIVERSITY	IN	R21AI068664	BIOPHYSICAL STUDIES INTO THE CORONAVIRUS PACKAGING MECHANISM	\$220,951
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI074794	AN ORGANISMAL APPROACH TO VIRAL HOST FACTOR DISCOVERY	\$223,270
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI039071	TUBOVESICULAR TRAFFIC INDUCED IN RED CELLS IN PLASMODIA	\$375,000
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI065898	ANTIBACTERIAL METHIONINE AMINOPEPTIDASE INHIBITORS	\$351,428
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI033170	RESISTANCE TO BETA-LACTAM ANTIBIOTICS	\$347,205
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI059342	MOLECULAR GENETICS OF DENGUE RESISTANCE IN MOSQUITOES	\$638,769
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI072617	EXPLORING TSLP AS A KEY INITIATOR AND NOVEL THERAPEUTIC TARGET FOR ASTHMA	\$222,197

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2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI028797	Mechanism of pathogenic activity of peptidoglycan	\$378,229
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI056979	MACROPHAGE SIGNALING UPON M AVIUM INFECTION	\$279,050
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI057459	Allergic inflammation and Transcriptional Regulation in Th9 cells	\$317,071
2008	PURDUE UNIVERSITY	IN	R37AI011219	Structure and function of icosahedral viruses	\$393,354
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI045515	Stat4 Immunobiology	\$272,087
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	T32AI007637	Training in STIs and infections of global health significance	\$178,669
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI075008	HAEMOPHILUS DUCREYI RESISTANCE TO ANTIMICROBIAL PEPTIDES	\$185,164
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI074691	P. PAPATASI MIDGUT MOLECULES: GENE FUNCTION AND ASSESSING TBV CANDIDATES	\$331,500
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI070514	CELLULAR IMMUNITY TO CHLAMYDIA AT THE EPITHELIAL INTERFACE	\$356,704
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI073091	APES AS NOVEL DRUG TARGETS IN AIDS OPPORTUNISTIC PATHOGEN TOXOPLASMA	\$222,932
2008	PURDUE UNIVERSITY	IN	R01AI039639	PROTEIN STABILITY AND ANTIVIRAL ACTIVITY IN HUMAN RHINOVIRUS	\$224,404
2008	UNIVERSITY OF NOTRE DAME	IN	R01AI057393	Aminoglycoside Resistance in Bacteria	\$321,486
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R01AI046455	CDI MOLECULES & NKT CELLS IN HOST DEFENSE	\$273,421
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	U19AI070448	PATHOGENESIS OF ATOPIC DERMATITIS	\$955,752
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	K08AI074657	CHARACTERIZATION OF LIPOPROTEINS IN HAEMOPHILUS DUCREYI PATHOGENESIS	\$107,453
2008	PURDUE RESEARCH FOUNDATION	IN	P01AI045976	VIRUS ASSEMBLY AND TRANSMISSION	\$823,930
2008	PURDUE UNIVERSITY	IN	R01AI060924	PLATELET-MEDIATED MODULATION OF B CELL IMMUNITY	\$354,625
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	R21AI072144	ROLE OF THE SHK-GRR PATHWAY IN INFECTION OF THE LYME DISEASE SPYROCHETE	\$185,164
2008	INDIANA UNIVERSITY, BLOOMINGTON	IN	K22AI072072	CHLAMYDIA-INFECTED EPITHELIAL CELL SECRETION OF IMMUNOREGULATORY CYTOKINES	\$108,000
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI051981	THE ROLE OF VPU IN HIV-1 PATHOGENESIS	\$360,518
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI062340	A NEW DNA VACCINE AGAINST HIV DISEASE IN MACAQUES	\$484,444
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI058944	REGULATION OF HTLV-I REPLICATION BY THE VIRAL P30	\$239,285
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI072357	VIRAL AND HOST RESPONSES TO HSV INFECTION	\$277,440
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R03AI072510	IPAD TRIGGERS TYPE III SECRETION IN SHIGELLA	\$70,632

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2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R21AI067963	TYPE III SECRETION SYSTEMS AS VACCINE TARGETS	\$141,292
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI067858	CONTROL OF TYPE III SECRETION IN SHIGELLA BY LPAD	\$348,096
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	T32AI070089	GRADUATE TRAINING PROGRAM IN MULTIDIMENSIONAL VACCINOGENESIS	\$77,359
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R21AI076863	REGULATION OF GENE EXPRESSION IN THE TH2 CYTOKINE LOCUS	\$183,750
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	U01AI077947	PRECLINICAL DEVELOPMENT OF DS-96, A NOVEL ALKYL POLYAMINE ENDOTOXIN SQUESTRANT	\$352,724
2008	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070864	FUNCTION OF LACCASES IN ANOPHELES GAMBIAE	\$391,009
2008	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI061691	NATURAL ANTIBODIES AND TISSUE INJURY	\$322,259
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI063261	LIPOPROTEIN TRANSPORT IN BORRELIA SPIROCHETES	\$350,063
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI070723	Molecular Mechanisms of Parvovirus Gene Expression and Replication	\$288,414
2008	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R01AI070908	Vector and Host Contributions to the Regulation of E. chaffeensis Gene Expression	\$365,000
2008	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	KS	R01AI061386	REGULATORS AND REGULATION OF MHC CLASS II GENES	\$239,285
2008	KANSAS STATE UNIVERSITY, AGRICULTURE & APPLIED SCIENCE	KS	R21AI063089	ROLE OF VIRAL FIBROBLAST GROWTH FACTOR IN PATHOGENESIS	\$214,839
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI074856	NMR studies of bacterial needle and tip proteins	\$362,273
2008	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	KS	R01AI063002	TARGETING AND INTERNALIZATION MECHANISM OF LFA-1	\$264,626
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI071047	ADJUVANT FUNCTIONS OF DETOXIFIED LPS	\$368,893
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI076714	PAR2, BRONCHOPULMONARY SENSORY NERVE AND PATHOGENESIS OF ASTHMA	\$73,250
2008	APOVAX INC	KY	R43AI074176	APOVAX104-TB AS A NOVEL VACCINE FOR TUBERCULOSIS	\$391,672
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067869	YOPM AND PROTECTIVE INNATE DEFENSES AGAINST PLAGUE	\$483,485
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI072170	ROLES OF HOST RNA BINDING PROTEINS IN VIRUS REPLICATION	\$200,124
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI067434	ERADICATION OF A PRIMARY FILARIASIS VECTOR POPULATION AT AN ENDEMIC FIELD SITE	\$310,665
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI074783	HMPV FUSION PROTEIN-HOST CELL INTERACTIONS	\$215,575

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2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI078111	LEPTOSPIRA INTERROGANS LEN ADHESINS	\$219,750
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$276,595
2008	APOVAX INC	KY	R44AI071618	APOVAX104-HPV AS A NOVEL VACCINE FOR CERVICAL CANCER	\$919,441
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI064421	ANALYZING AND MODULATING IMMUNOREGULATORY DEFECTS IN AUTOIMMUNE DISEASE.	\$352,444
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI049367	BLOCKADE OF HOST APOPTOSIS BY TOXOPLASMA GONDII	\$350,610
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI069321	MODULATION OF APOPTOSIS BY LEGIONELLA PNEUMOPHILA	\$362,970
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI076169	ANTIVIRAL LECTINS AS MICROBICIDES	\$389,829
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI075212	MODULATION OF NEUTROPHIL APOPTOSIS BY AKT-HSP27 SIGNALOSOME	\$55,319
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI070769	HEPATITIS C VIRUS INFECTION AND LIPOPROTEINS	\$215,575
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI044254	ANALYSIS OF BORRELIA BURGDORFERI ERP PROTEINS	\$348,872
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	K02AI059023	T CELL ADJUVANTS FOR BIODEFENSE	\$99,037
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R56AI048850	FATTY ACID BINDING PROTEINS IN MACROPHAGE FUNCTION	\$370,000
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI076956	IMPORTANCE OF CD5 FOR THE FUNCTION OF REGULATORY T CELLS	\$183,125
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R21AI069027	NOVEL IN VIVO MODELS FOR CELL-TYPE SPECIFIC MYD88 SIGNALING IN THE INTESTINE	\$215,575
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R03AI068934	RHABDOVIRUS PHOSPHOPROTEINS: RNA SILENCING AND COMPLEX FORMATION	\$66,708
2008	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION	KY	R01AI065974	MOLECULAR PATHOGENESIS OF FRANCISELLA TULARNENSIS	\$351,528
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R01AI068119	DO CONDOMS PROTECT FROM NON-VIRAL SEXUALLY TRANSMITTED INFECTIONS?	\$596,178
2008	UNIVERSITY OF KENTUCKY, RESEARCH FOUNDATION	KY	R56AI033481	YERSINIABACTIN AND PLAGUE PATHOGENESIS	\$366,250
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI073818	MTAR-REGULATED VIRULENCE IN STREPTOCOCCUS AGALACTIAE	\$216,542
2008	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R03AI074770	UNDERSTANDING A MECHANISM OF ANTIBIOTIC RESISTANCE BY PHOSPHORYLATION: FOSFOMYCIN	\$73,500
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI055869	ANALYSES OF SIGMA FACTOR 28 OF C. TRACHOMATIS	\$252,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI073356	SUPPRESSOR OF CYTOKINE SIGNALING AND CONTROL OF INFLAMMATION IN LYME DISEASE	\$202,331
2008	CHILDREN'S HOSPITAL	LA	R01AI054958	G-PROTEIN SIGNALING IN CRYPTOCOCCUS NEOFORMANS	\$266,027
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI061017	EPSTEIN-BARR VIRUS GLYCOPROTEINS AND VIRUS SPREAD	\$303,468
2008	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R01AI043000	GENETICS AND FUNCTIONS OF HSV MEMBRANE FUSION PROTEINS	\$307,653
2008	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI072327	CFTR EXPRESSION AND FUNCTION IN HUMAN NEUTROPHILS	\$344,835
2008	CHILDREN'S HOSPITAL	LA	R56AI074001	ATYPICAL G PROTEIN SIGNALING IN CRYPTOCOCCUS NEOFORMANS	\$372,850
2008	TULANE UNIVERSITY, DELTA REGIONAL PRIMATE CENTER	LA	R21AI074058	INFORMED CONSENT IN ILLITERATE SUBJECTS	\$207,287
2008	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI065325	PATHOGENESIS OF NEW SIVSM LINEAGES IN RHESUS MACAQUES	\$654,895
2008	TULANE UNIVERSITY OF LOUISIANA	LA	F32AI066682	LIPOSOME-ENCAPSULATED BIODEFENSE VACCINES	\$51,278
2008	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI058810	VACCINATION STRATEGIES AGAINST PULMONARY TUBERCULOSIS	\$198,126
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R01AI058896	NASAL DNA/PROTEIN VACCINE FOR ANTI-HIV ANTIBODY AND CTL	\$538,553
2008	LSU HEALTH SCIENCES CENTER/NIH	LA	R01AI046142	SIGNALING COMPLEXES AND THE 14-3-3 PROTEIN IN CANDIDA	\$278,648
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	U19AI061972	GULF SOUTH STI/TOPICAL MICROBICIDE COOPERATIVE RESEARCH CENTER	\$2,374,443
2008	LOUISIANA STATE UNIV AND A&M COLLEGE	LA	R21AI069248	ROLE OF FLEAS IN TRANSMISSION OF RICKETTSIAE: ECOLOGY OF FLEA-BORNE SPOTTED FEVER	\$216,311
2008	LOUISIANA STATE UNIVERSITY HEALTH SCIENCES CENTER	LA	R21AI072350	CHARACTERIZATION OF ALPHAVIRUS INFECTION RECEPTORS	\$219,750
2008	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI064066	PATHOGENESIS OF SIV IN AFRICAN GREEN MONKEYS	\$383,693
2008	XAVIER UNIVERSITY OF LOUISIANA	LA	SC1AI081660	ALLOSTERIC BINDING IN ANTIBODIES AND PROTEIN ANTIGENS	\$204,450
2008	CHILDREN'S HOSPITAL	LA	R01AI059376	MECHANISMS OF ANTIBODY-MEDIATED TOXIN NEUTRALIZATION	\$290,530
2008	TULANE UNIVERSITY OF LOUISIANA	LA	R01AI062410	PATHOGENESIS OF NEONATAL SIV INFECTION	\$383,693
2008	CHILDREN'S HOSPITAL	LA	R56AI079071	MICROBIAL CORRELATES OF BACTERIAL VAGINOSIS TREATMENT FAILURE AND RECURRENCE IN H	\$391,526
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI041707	SKIN HOMING T CELLS -- MOLECULAR CHARACTERIZATION OF CLA	\$428,303

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2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI068548	CAPSID-MEDIATED INTERACTIONS IN HIV ASSEMBLY	\$247,357
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072004	RHESUS MONKEY RHADINOVIRUS GLYCOPROTEINS, ENTRY, AND NEUTRALIZATION	\$390,375
2008	IMMUNE DISEASE INSTITUTE INC	MA	F32AI077198	ELUCIDATING THE MECHANISMS OF FUNCTION OF THE TRANSCRIPTIONAL REGULATOR AIRE	\$52,898
2008	BOSTON UNIVERSITY	MA	R01AI048611	THE GONOCOCCAL FUR REGULON: LINK TO PATHOGENESIS	\$365,625
2008	TRUSTEES OF AMHERST COLLEGE	MA	R15AI076944	SYNERGISTIC COMBINATIONS OF CHIMERIC ANTI-SEB: ENGINEERING ANTI-TOXINS	\$219,097
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI020642	INNATE IMMUNITY: SIGNAL TRANSDUCTION AND INTERFERON GENE REGULATION	\$505,721
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050875	Photodynamic Therapy of Localized Infections	\$350,667
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI037901	CHARACTERIZATION OF MYCOBACTERIAL SIGMA FACTORS	\$416,676
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI057754	TRANSCRIPTION REGULATION IN PSEUDOMONAS AERUGINOSA	\$362,208
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI072508	NOVEL WHOLE-ANIMAL SCREENS FOR ANTI-MICROBIALS	\$415,454
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI060890	T CELL PRODUCTION FROM A SKIN DERIVED THYMUS CONSTRUCT	\$135,000
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI051378	EXTRATHYMIC T CELL PRECURSORS: COMMITMENT AND EFFICACY	\$394,121
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060025	Activation of Insect Immunity by Gram-negative Bacteria	\$332,768
2008	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI047389	RAPAMYCIN-INSENSITIVE SIGNALING BY RICTOR-MTOR	\$453,455
2008	DANA-FARBER CANCER INSTITUTE	MA	P01AI045757	Antigen Presentation and T cell Programming in Human Autoimmune Diseases	\$1,649,041
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI037562	Immunologic mechanisms that prevent autoimmunity	\$407,216
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI066279	TRYPANOSOMATID MITOCHONDRIAL DNA POLYMERASES	\$292,072
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI045051	REGULATION OF INKT AND APC INTERACTIONS	\$325,558
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI043552	THE ROLE OF RAP1 IN T-CELL RESPONSES	\$318,581
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI024643	STATISTICAL METHODS IN AIDS RESEARCH	\$312,436
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI058707	NASAL SIV VACCINATION IN FEMALE MACAQUES/AIDS PREVENTION	\$592,970
2008	UNIVERSITY OF MASSACHUSETTS	MA	R37AI020248	IMMUNOBIOLOGY OF MHC RESTRICTION OF T CELLS	\$81,198
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063993	SINGLE-CYCLE SIV AS A NOVEL AIDS VACCINE APPROACH	\$507,367

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2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI066992	INDUCTION OF HIV-SPECIFIC IMMUNE RESPONSES	\$550,325
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI062435	BRIDGING THE GAP HIV TRIALS AND CLINICAL PRACTICE	\$132,300
2008	BETH ISRAEL HOSPITAL	MA	R01AI046734	CALCIUM INFLUX PATHWAYS IN LYMPHOCYTES AND MAST CELLS	\$362,764
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI067497	Gene Regulation in Innate Immunity	\$386,974
2008	BOSTON UNIVERSITY	MA	R01AI044070	MULTIPLE LECTIN MODEL OF THE CYST WALL OF ENTAMOEBA	\$384,593
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI055985	MOLECULAR APPROACHES FOR UNDERSTANDING TB DYNAMICS	\$128,520
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI041054	IMMUNODEFICIENCIES THAT IMPAIR LYMPHOCYTE SURVIVAL	\$374,973
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069456	BOTSWANA-HARVARD SCHOOL OF PUBLIC HEALTH AIDS INITIATIVE PARTNERSHIP CTU	\$2,318,432
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K23AI068458	THE EFFICACY AND IMPACT OF ROUTINE HIV AND TB TESTING IN DURBAN, SOUTH AFRICA	\$133,920
2008	BOSTON UNIVERSITY	MA	K02AI060701	ROLE OF RNA EDITING BY ADAR1 IN INFECTION	\$104,899
2008	BIOPHYSICS ASSAY LABORATORY, INC	MA	R44AI063731	MULTI-LABELED MATERIAL FOR IN VIVO CELL TRACKING	\$336,782
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064332	STUDIES OF CAENORHABDITIS ELEGANS INNATE IMMUNITY	\$406,947
2008	TUFTS UNIVERSITY	MA	F32AI074193	THE ROLE OF UBIQUITINATION IN LEGIONELLA PNEUMOPHILA INFECTION AND DISEASE.	\$49,646
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI061663	MIGRATORY PROPERTIES OF CD8 T CELLS	\$630,743
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046578	IMMUNITY IN SYSTEMIC AND MUCOSAL VIRUS INFECTIONS	\$340,093
2008	MICROBIOTIX, INC	MA	R43AI072921	INHIBITION OF EBOLA VIRUS INFECTION WITH CATHEPSIN L INHIBITORS	\$300,000
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI066454	HAART TO PREVENT HIV TRANSMISSION TO INFANTS IN BOTSWANA	\$1,371,298
2008	BOSTON UNIVERSITY	MA	UC7AI070088	National Emerging Infectious Diseases Laboratories Operations	\$12,000,000
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI044432	Regulated Accessibility of a cytokine gene locus.	\$545,883
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067926	CD8 T CELL SELECTIVE PRESSURE AND HCV SEQUENCE EVOLUTION	\$169,784
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI037581	Structural Basis of Immune Cell Receptor Function	\$282,550
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI075286	A C.ELEGANS HIGH-THROUGHPUT ASSAY FOR THE IDENTIFICATION OF NEW ANTIFUNGAL AGENTS	\$439,375

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2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI057926	DUALLY ACTIVE ANTHRAX VACCINE AGAINST BACILLI AND TOXINS	\$387,018
2008	UNIVERSITY OF MASSACHUSETTS	MA	R03AI073461	TRYPANOSOMA BRUCEI-INDUCED DYSHEMATOPOIESIS: BLOCKED B LYMPHOPOIESIS	\$75,089
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI076094	STRUCTURE OF THE RETROVIRAL RESTRICTION FACTOR, TRIM5ALPHA	\$248,839
2008	BETH ISRAEL HOSPITAL	MA	R01AI015066	CELL SURFACE RECEPTORS ON T CELLS AND MACROPHAGES	\$416,925
2008	TUFTS MEDICAL CENTER	MA	T32AI007438	NEMCH CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$257,704
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	K01AI065836	CLINICAL OUTCOMES RESEARCH IN MDR-TB	\$118,040
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI032412	TRANSCRIPTIONAL REGULATION OF THE IMMUNE RESPONSE	\$447,477
2008	MATTEK CORPORATION	MA	U01AI070914	VAGINAL/CERVICAL TISSUE MODELS: ENDOCRINE EFFECTS AND SUSCEPTIBILITY TO INFECTION	\$601,624
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI074879	A Cellular Receptor for New World Arenaviruses	\$375,233
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI070484	AUTOMATED POINT-OF-CARE PCR FOR HEMORRHAGIC FEVER DIAGNOSIS	\$780,426
2008	DANA-FARBER CANCER INSTITUTE	MA	U01AI061318	HUMAN ANTIBODIES AND TARGETED VACCINES AGAINST SARS-COV	\$709,379
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI022021	MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	\$812,768
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074575	IDENTIFICATION AND VALIDATION OF INFLUENZA HOST FACTORS AS THERAPEUTIC TARGETS	\$981,001
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI067342	TRANSCUTANEOUS AND ORAL-TRANSCUTANEOUS CHOLERA IMMUNIZATION WITH TCPA AND PERU15	\$164,771
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI080286	ROLE OF CYTOKINES IN THE PERSISTENCE OF TOLERIZED T CELLS	\$45,972
2008	BOSTON MEDICAL CENTER	MA	R34AI076610	SAFETY PHARMACOKINETICS & EFFICACY OF ARTEMETHER & LUMEFANTRINE IN PREGNANT WOMEN	\$123,153
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI070940	MECHANISMS OF VACCINIA VIRUS INNATE IMMUNE INHIBITION	\$398,531
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F31AI075897	EVALUATION OF LABORATORY INFORMATION SYSTEMS IN RESOURCE-POOR SETTINGS	\$29,772
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K99AI076608	IDENTIFICATION AND CHARACTERIZATION OF NON-CODING RNAs IN DIVERSE BACTERIA	\$90,000
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI077464	REGULATION OF T CELL ACTIVATION BY HIV NEF	\$171,000

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2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI070999	REGULATORY TARGETS AND PATHOGENIC MECHANISMS OF ANTHRAX EDEMA FACTOR	\$389,162
2008	TUFTS UNIVERSITY	MA	R03AI069100	A CHEMICAL GENETIC APPROACH TO INHIBITING T-AG ASSEMBLY ON THE VIRAL ORIGIN	\$80,197
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI076189	CYTOMEGALOVIRUS AND NUCLEAR TUMOR SUPPRESSORS	\$392,400
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R21AI070871	PE AND PPE FUNCTION	\$199,981
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI080075	ANALYSIS OF CELLULAR EVENTS THAT ALLOW PAPILOMAVIRUS REPLICATION	\$46,826
2008	TUFTS UNIVERSITY	MA	R56AI056234	HYPER-RESPONSIVENESS TO TLR AGONISTS IN WILD DERIVED MICE	\$411,459
2008	TUFTS UNIVERSITY	MA	R21AI076687	HIGH THROUGHPUT SCREENING FOR ANTI-FUNGAL DRUGS THAT INHIBIT MRNA POLYADENYLATION	\$205,729
2008	BOSTON UNIVERSITY	MA	R33AI076966	AN IN VITRO MODEL OF CELL-ASSOCIATED HIV -1 TRANSMISSION	\$453,260
2008	BETH ISRAEL HOSPITAL	MA	U19AI078526	Novel Heterologous Adenovirus Prime-Boost HIV-1 Vaccine	\$4,255,134
2008	BOSTON MEDICAL CENTER	MA	R21AI074843	THE ROLE OF CD23+ B CELLS IN HUMAN SCHISTOSOMIASIS	\$201,250
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067472	MEMORY T CELLS IN EAE	\$395,256
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI075761	TGFBETA, IL-6 & IL-23 IN INDUCTION OF PATHOGENIC VS. REGULATORY T CELLS IN VIVO	\$50,476
2008	CHILDREN'S HOSPITAL CORPORATION	MA	F32AI074229	ROLE OF GROUP A STREPTOCOCCAL TOXINS IN BACTERIAL INTERNALIZATION AND SURVIVAL	\$46,826
2008	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R43AI078572	ISOLATING NOVEL ACTINOMYCETES FOR ANTIBIOTIC DISCOVERY	\$299,000
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	F32AI074245	DEGS PROTEASE AND INITIATION OF THE ENVELOPE-STRESS RESPONSE	\$46,826
2008	AMBERGEN	MA	R44AI058620	MASS SPECTROMETRIC DETECTION OF DRUG-RESISTANT HIV	\$848,937
2008	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI033456	ASSEMBLY OF MHC CLASS I MOLECULES IN VITRO AND IN VIVO	\$775,905
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI029952	HOST-PATHOGEN SIGNALING IN GROUP A STREPTOCOCCAL INFECTION	\$380,250
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067737	PNEUMOCOCCAL IMMUNIZATION THROUGH A NOVEL MECHANISM	\$402,453
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062827	Factors Mediating Host Resistance to Chlamydia trachomatis	\$403,644
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063430	MECHANISM OF PERFORIN ACTIVITY	\$650,834

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2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI035817	MECHANISM AND FUNCTION OF UNIPOLARITY OF SHIGELLA IC5A	\$406,520
2008	TUFTS MEDICAL CENTER	MA	R01AI059509	SHIGA TOXIN & RICIN: MECHANISMS OF RIBOTOXIC STRESS	\$303,234
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI033600	CHARACTERIZATION OF MAMMALIAN STRESS GRANULES	\$416,742
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI052014	HIV-1 Preintegration Trafficking and Nuclear Localization	\$419,378
2008	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	R01AI034893	ASSEMBLY AND TRAFFICKING OF MHC CLASS II MOLECULES	\$495,308
2008	TUFTS MEDICAL CENTER	MA	T32AI007329	Infectious Disease Training-Pathogenesis/Host Response	\$308,324
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	U01AI069403	HARVARD TANZANIA HIV/AIDS CLINICAL TRIALS UNIT	\$209,521
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043619	TOLERANCE TO ALLOGRAFTS THROUGH GENE THERAPY	\$300,442
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064344	MODULATION OF REGULATORY TOLERANCE TO TRANSPLANTS	\$515,180
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI068084	LIPID MEDIATORS IN THE RESOLUTION OF ASTHMA EXACERBATIO*	\$511,877
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI059371	RNA Processing in Non-Segmented Minus-Strand RNA Viruses	\$315,326
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI043953	NIP45: A NOVEL NUCLEAR PROTEIN THAT REGULATES IL-4	\$381,367
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI067353	ADENOSINE SHAPES NEONATAL TOLL-LIKE RECEPTOR FUNCTION	\$362,208
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065250	POLYVALENT DNA PLUS PROTEIN HIV VACCINES	\$408,176
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043543	IMMUNOBIOLOGY OF CTL RESPONSES TO EXOGENOUS ANTIGEN	\$377,879
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R21AI073509	TARGETS FOR SHORT-COURSE TB THERAPY	\$239,119
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI074405	T CELL REGULATION: CD4+CD25+ FOXP3+ T CELLS IN ACUTE AND CHRONIC HIV-1 INFECTION	\$130,140
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K02AI070785	IEX-1 IN BRIDGE OF INNATE TO ADAPTIVE IMMUNE RESPONSES TO MEMORY T CELLS	\$106,110
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K08AI067014	NEVIRAPINE RESISTANCE IN WOMEN WHO RECEIVED NEVIRAPINE FOR PMTCT HIV	\$112,725
2008	TUFTS UNIVERSITY	MA	F32AI069686	IDENTIFICATION OF LEGIONELLA TRANSLOCATED EFFECTORS	\$48,796
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI068376	IDENTIFICATION OF IMMUNE MODULATORS IN C. ELEGANS	\$53,992

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2008	IMMUNE DISEASE INSTITUTE INC	MA	U19AI070302	AN SIRNA-BASED MICROBICIDE TO PREVENT HIV TRANSMISSION	\$1,871,289
2008	NORTHEASTERN UNIVERSITY	MA	R01AI058146	MECHANISM AND INHIBITION FOR LUXS: A BIODEFENSE TARGET	\$255,563
2008	BIOSENSE TECHNOLOGIES	MA	R43AI074476	DIAGNOSIS OF EXTRA-PULMONARY TUBERCULOSIS IN HIV PATIENTS	\$100,000
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	U19AI076217	EPIDEMIOLOGY AND TRANSMISSION DYNAMICS OF MDR/XDR TUBERCULOSIS	\$2,760,695
2008	BETH ISRAEL HOSPITAL	MA	R01AI066924	NOVEL ADENOVIRUS VACCINE VECTORS FOR HIV/SIV	\$728,351
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066705	THORACIC ALLOGRAFT TOLERANCE IN NON-HUMAN PRIMATES	\$1,261,151
2008	BOSTON UNIVERSITY	MA	R03AI078134	STRUCTURAL STUDIES ON AN AMINOPEPTIDASE INSIDE THE ENDOPLASMIC RETICULUM	\$81,250
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI071806	MODULATION OF HIV-1 SPECIFIC T CELL FUNCTION BY TLR LIGANDS	\$214,594
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064282	Tuberculosis Pathogenesis and Drug Response	\$355,919
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI071319	INNATE IMMUNE RECEPTORS FOR TOXOPLASMA GONDII	\$576,281
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI064335	NEGATIVE COSTIMULATORY PATHWAYS IN REJECTION & TOLERANCE	\$119,730
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI073964	ALLERGENS IN INNER-CITY SCHOOLS AND CHILDHOOD ASTHMA	\$858,965
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI075766	ROLE OF THE HUMAN CYTOMEGALOVIRUS UL97 PROEIN KINASE IN VIRAL REPLICATION	\$52,898
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R56AI044193	REGULATION OF THE MULTIPLE POLYSACCHARIDES OF BACTEROIDES FRAGILIS	\$344,375
2008	BIOHELIX CORPORATION	MA	R44AI066487	HERPES VIRUS TYPING ASSAY FOR DETECTING GENITAL HERPES	\$628,287
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R37AI055357	HIV-1 Resistance to Chemokine Receptor Antagonists	\$425,754
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI077081	INNATE IMMUNITY IN THE CLEARANCE OF INFLUENZA A VIRUS INFECTED APOPTOTIC CELLS	\$205,541
2008	BOSTON UNIVERSITY	MA	R21AI079328	MECHANISM FOR NON-TEMPLATED INITIATION BY A PARAMYXOVIRUS POLYMERASE	\$228,125
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI077883	HIGH THROUGHPUT NAPPA-PROTEOIMMUNOMICS AND VIBRIO CHOLERAE VACCINE DEVELOPMENT	\$1,233,253
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI078142	SIMIEN VIRUS 40 (SV40) UNCOATING AND PENETRATION	\$229,435

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI077473	GENOTYPIC AND PHENOTYPIC CHARACTERIZATION OF HETEROSEXUALLY TRANSMITTED HIV-1	\$349,593
2008	MICROBIOTIX, INC	MA	R43AI072861	IDENTIFICATION OF NOVEL BROAD SPECTRUM INFLUENZA VIRUS INHIBITORS	\$189,188
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI072044	GENETIC CONTROL OF IL-1 AND ITS ROLE IN INFLAMMATORY ARTHRITIS	\$130,150
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI069167	INHIBITING THE INHIBITOR: SMALL MOLECULE SCREENING WITH SMALL POX NIL	\$239,119
2008	BETH ISRAEL HOSPITAL	MA	K23AI074638	DEVELOPMENT AND EVALUATION OF A NOVEL DIAGNOSTIC TEST FOR ACTIVE TUBERCULOSIS	\$126,630
2008	FIRST LIGHT BIOSCIENCES INC	MA	R43AI080016	RAPID SENSITIVE LOW COST TEST FOR RESISTANT MICROBES CAUSING HOSPITAL INFECTIONS	\$284,971
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI040618	Chemokines and Th2 Cell Trafficking in Asthma	\$404,500
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI016478	Sensory Transduction in Bacterial Chemotaxis	\$755,773
2008	TUFTS UNIVERSITY	MA	F31AI075605	INDUCTION OF PATHOGENIC INNATE AND ADAPTIVE IMMUNE RESPONSES BY SCHISTOSOME HELMI	\$38,713
2008	BIOHELIX CORPORATION	MA	R43AI077418	LOW COST MOLECULAR ASSAY FOR HIV	\$151,440
2008	PULSAR CLINICAL TECHNOLOGIES INC	MA	R43AI077163	MULTIPLEX MICROARRAY FOR TUBERCULOSIS	\$120,209
2008	MICROBIOTIX, INC	MA	R43AI074312	BACTERIAL DNAA INITIATOR PROTEIN: A TARGET FOR NOVEL ANTIBIOTICS	\$293,875
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057039	REPLICATION AND PERSISTENCE OF PRIMATE LENTIVIRUSES	\$425,509
2008	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	F32AI072935	RECOGNITION AND PHAGOCYTOSIS OF CANDIDA ALBICANS BY THE INNATE IMMUNE SYSTEM	\$51,278
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070772	MODULATION OF A NOVEL CELL CYCLE CHECKPOINT BY THE HPV ONCOGENE E6	\$243,750
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R21AI073586	MULTI-COMPONENT VACCINE FOR STAPHYLOCOCCUS EPIDERMIDIS	\$255,000
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI046006	HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$1,226,620
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	K08AI055314	MAPPING HIV/AIDS GENES WITH HAPLOTYPE-BASED STRATEGIES	\$121,230
2008	TUFTS UNIVERSITY	MA	T32AI007077	Immunologic Aspects of Disease	\$238,553
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007498	PH.D. PROGRAM IN IMMUNOBIOLOGY	\$263,003
2008	BOSTON MEDICAL CENTER	MA	R01AI055869	ANALYSES OF SIGMA FACTOR 28 OF C. TRACHOMATIS	\$47,513
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI051206	HUMAN STUDIES OF LISTERIA MONOCYTOGENES VECTORS	\$26,370

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI051559	ROLE OF NEGATIVE T CELL COSTIMULATORY PATHWAYS IN ALLOGRAFT REJECTION AND TOLERANCE	\$388,813
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065483	MECHANISMS OF TLR 9 ACTIVATION	\$340,091
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067031	NK cell mediated immune pressure in HIV-1 infection	\$395,761
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067711	STRUCTURAL, GENETIC, AND FUNCTIONAL ANALYSES OF THE GLYCOPROTEINS OF BACTEROIDES	\$364,351
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI057493	MECHANISMS OF ANTIGEN PRESENTATION BY MHC CLASS II	\$357,882
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI053669	TEMPORAL REQUIREMENTS FOR INTRACELLULAR PATHOGENESIS	\$413,453
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI063987	Antiretroviral activity of TRIM5alpha	\$397,645
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI064177	TCR CROSSREACTIVITY IN AUTOIMMUNE DISEASES	\$391,041
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI046995	HLA-associated control-lack of control in HIV infection	\$218,816
2008	TUFTS UNIVERSITY	MA	R01AI018757	Host Immunity to EBV Infection in Vitro and in Vivo	\$410,729
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI048917	VIRULENCE AND IMMUNITY TO MUCOID P. AERUGINOSA	\$380,786
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI072252	DIFFERENTIATION AND REGULATION OF CTL	\$414,473
2008	BETH ISRAEL HOSPITAL	MA	K08AI064014	LUNG MACROPHAGE INNATE RECEPTOR RESPONSE TO MTB IN HIV	\$123,579
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI063284	DEVELOPMENTAL CHECKPOINTS OF MURINE MAST CELLS	\$384,437
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	K08AI062752	CMV-SPECIFIC CD8+ T CELL RESPONSES IN KIDNEY TRANSPLANT RECIPIENTS	\$108,000
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI028973	Pathways of Antigen Presentation by CD1	\$516,539
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI018045	GENETIC ANALYSIS OF TOXINOGENESIS IN VIBRIO CHOLERAEE	\$629,579
2008	BETH ISRAEL HOSPITAL	MA	R01AI053069	IMMUNE RESPONSE TO CLOSTRIDIUM DIFFICILE	\$316,254
2008	TUFTS UNIVERSITY	MA	R01AI014910	B LYMPHOCYTES DIFFERENTIATION AND TRIGGERING	\$468,895
2008	DANA-FARBER CANCER INSTITUTE	MA	U19AI029530	IMMUNE MODULATION/HEMATOPOIETIC CELL TRANSPLANTATION	\$1,838,712
2008	TUFTS UNIVERSITY	MA	R01AI019497	GENETIC SYSTEMS TO STUDY VIRULENCE IN BACTEROIDES	\$393,525
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	F32AI065100	CHARACTERIZATION OF B CELLS IN DERMATOMYOSITIS	\$52,048
2008	BOSTON MEDICAL CENTER	MA	R01AI064749	INTERACTION OF CHALMYDIA WITH INNATE IMMUNE RECEPTORS	\$299,513

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2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046706	POLY-N-ACETYL GLUCOSAMINE AS A VACCINE FOR BACTERIAL PATHOGENS	\$447,179
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057919	ERYTHROCYTE INVASION BY PLASMODIUM FALCIPARUM MEROZOITES	\$343,232
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI062514	DIVERGENT NARROW AND BROAD TROPISMS HIV-1 R5 VIRUSES	\$377,879
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI068085	MECHANISMS BY WHICH INFLUENZA A PROTECTS AGAINST ASTHMA	\$439,502
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI039558	Cytotoxic T Cell Mediated Immunity to Chlamydia	\$512,231
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI048213	TRANSCRIPTIONAL MECHANISMS UNDERLYING TOLERANCE	\$576,097
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007387	Multidisciplinary AIDS Training Grant	\$296,883
2008	TUFTS MEDICAL CENTER	MA	F32AI066825	IMMUNE MODULATION BY BORRELIA BURGDORFERI	\$53,992
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI072033	GENETIC DIVERSITY OF PLASMODIUM FALCIPARUM AND SEVERE MALARIA IN AFRICA	\$134,420
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI025780	Immune Response to Cryptococcal Infections	\$408,542
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	T32AI007245	Molecular Basis of Viral Infectivity	\$473,577
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI067706	REGULATION OF IMMUNE RESPONSE TO INFLUENZA BY INNATE IMMUNITY.	\$451,033
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P30AI042845	UMASS CENTER FOR AIDS RESEARCH (CFAR)	\$1,259,859
2008	DANA-FARBER CANCER INSTITUTE	MA	R37AI024755	HIV-1 Envelope Glycoproteins	\$775,335
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI039394	BIOCHEMICAL MECHANISM OF HIV DNA INTEGRATION	\$397,645
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007535	Epidemiology of Infectious Diseases	\$139,750
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI054544	Complement Activation on Neisseria meningitidis	\$302,304
2008	BETH ISRAEL HOSPITAL	MA	R01AI073133	MECHANISM OF ANTIBODY NEUTRALIZATION OF VIRUSES	\$375,233
2008	ARIETIS CORPORATION	MA	R43AI074258	THERAPY AGAINST RECALCITRANT C. ALBICANS INFECTION	\$299,643
2008	IMMUNETICS, INC	MA	R43AI080021	CHAGAS DISEASE CONFIRMATORY ASSAY	\$299,859
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI073457	LOCAL REGULATION OF CYTOTOXIC T CELL FUNCTION IN THE TUMOR STROMA	\$248,999
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007272	VIRUS INFECTIONS: PATHOGENESIS AND HOST IMMUNE RESPONSES	\$193,925
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI071776	HOST GENETICS OF HIV-1 SUBTYPE C INFECTION, PROGRESSION, AND TREATMENT IN AFRICA	\$733,469

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2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI073967	MECHANISMS OF SHIGELLA INTERCELLULAR SPREAD	\$439,792
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI079769	LRRC8 SIGNALING IN T CELLS	\$253,500
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068634	STATISTICAL AND DATA MANAGEMENT CENTER FOR THE AIDS CLINICAL TRIALS GROUP	\$14,259,739
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI077623	ANALYSIS OF NOVEL IN VIVO DERIVED PLASMODIUM FALCIPARUM TRANSCRIPTIONAL PROFILES	\$388,710
2008	DANA-FARBER CANCER INSTITUTE	MA	F32AI077371	TARGETING HIV WITH HYDROCARBON-STAPLED FUSION HELICES	\$51,446
2008	IMMUNE DISEASE INSTITUTE INC	MA	R21AI072552	SERPINB1/MNEI: ROLE IN INNATE IMMUNE DEFENSE AGAINST INFLUENZA VIRUS INFECTION	\$232,252
2008	SEMPRUS BIOSCIENCES CORPORATION	MA	R43AI075790	DESIGN OF TETHERED ANTIMICROBIAL PEPTIDES FOR PERMANENT MEDICAL DEVICE COATINGS.	\$99,852
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI074495	IMPACT OF DIAGNOSIS AND PROPHYLAXIS OF TB AMONG HIV PATIENTS IN SOUTH AFRICA	\$137,160
2008	FENWAY COMMUNITY HEALTH CENTER	MA	U01AI069480	CLINICAL TRIAL UNIT FOR HIV PREVENTION AND MICROBICIDE RESEARCH	\$637,625
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066013	MECHANISMS OF IMMUNITY TO PNEUMOCOCCAL COLONIZATION	\$414,473
2008	BOSTON UNIVERSITY	MA	R01AI073149	CO-FACTORS IN HIV MUCOSAL INFECTION	\$516,222
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI078787	EFFECT OF HELMINTH INFECTION ON HIV-1 VACCINES	\$407,500
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073109	INCIDENCE AND PREDICTORS OF MYOCARDIAL INFARCTION AMONG HIV-INFECTED PATIENTS	\$136,326
2008	BETH ISRAEL HOSPITAL	MA	R01AI070315	MECHANISMS OF OX40 IN PERIPHERAL TRANSPLANT TOLERANCE	\$333,540
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064569	Role of CD47 in xenograft rejection by macrophages	\$327,880
2008	NORTHEASTERN UNIVERSITY	MA	R01AI070863	SCREEN DEVELOPMENT FOR ANTIMICROBIAL PRODRUGS	\$385,043
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI076631	ACTIVATION OF THE ALLOIMMUNE RESPONSE	\$92,204
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068497	THE IMPACT OF CD8 T CELLS ON VIRAL CONTROL AND EVOLUTION IN HIV-INFECTED INFANTS	\$412,756
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070787	RNA APTAMERS AS NOVEL ANTIDOTES AGAINST BOTULISM	\$204,386
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI050207	HUMAN NATURAL KILLER CELLS: FORMATION AND STRUCTURE OF ACTIVATING SYNAPSES	\$409,568
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI061609	HOST FACTORS INVOLVED IN BACTERIAL PATHOGENESIS	\$322,914

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2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI040614	In vivo role of CTLA-4 in Costimulation and Autoimmunity	\$422,500
2008	BOSTON UNIVERSITY	MA	T32AI007642	Training Program in Host Pathogen Interaction	\$89,180
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI072346	SINGLE-PARTICLE FLUORESCENCE STUDIES OF VIRAL FUSION	\$204,440
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI032725	IMMUNOLOGY OF INFECTION WITH NEISSERIA GONORRHOEAE	\$549,530
2008	DANA-FARBER CANCER INSTITUTE	MA	R37AI053102	GENERATION OF ANTIGEN-SPECIFIC REGULATION T CELLS	\$606,279
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI034533	Flavivirus Infections: Pathogenesis and Prevention	\$2,225,868
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI069472	PARTNERS HEALTHCARE SYSTEMS/HARVARD MEDICAL SCHOOL/BOSTON MEDICAL CENTER AIDS CTU	\$3,009,817
2008	BETH ISRAEL HOSPITAL	MA	R01AI063986	FUNCTIONAL MECHANISMS OF ANTIBODY INHIBITION OF HIV-1	\$395,320
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI037601	BACTERIUM-ECM INTERACTIONS DURING INFECTION BY THE LYME DISEASE SPIROCHETE	\$386,974
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI048825	SYNTHESIS OF ANTIBIOTICS	\$312,436
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046564	IMMUNOBIOLOGY OF JAK3 DEFICIENT MICE	\$348,277
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R13AI066891	BI-ANNUAL MEETING OF THE IUIS EXPERT COMMITTEE ON PRIMARY IMMUNODEFICIENCY	\$1
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI043458	Mechanisms of the Induction of Oral Tolerance	\$378,809
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI069772	TYROSINE KINASE AND L. MONOCYTOGENES INFECTION	\$50,428
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI066087	MODEL VACCINES EXPLOITING FUNGAL MANNOSYLATION	\$395,312
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI070042	Integrase Structural Virology	\$407,216
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067077	PROMISCUOUS PRESENTATION OF HLA CLASS I RESTRICTED, HIV DERIVED CTL EPITOPES	\$406,947
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI017672	IMMUNITY AND VIRUS DISEASE	\$377,879
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057027	MARKERS OF VIRAL SET POINT IN PRIMARY HIV-1C INFECTION	\$430,744
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI063428	CD1d and NKT Cell Activation and Function in Infection	\$396,483
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI048425	TYROSINE SULFATION IN HIV-1 AND SIV ENTRY	\$347,278
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI070839	GENETIC ANALYSIS OF VDJ RECOMBINATION REGULATION	\$129,330

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF MASSACHUSETTS	MA	U19AI057319	CELLULAR IMMUNITY TO CATEGORY A-C VIRUSES IN HUMANS	\$3,226,576
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI069208	DEVELOPMENT AND MAINTENANCE OF MEMORY CD8 T CELLS	\$387,101
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI040127	Signal transduction and gene induction in lymphocytes	\$475,782
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI061601	STUDIES OF A SARS-CORONAVIRUS RECEPTOR	\$468,555
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U19AI066345	Immune Control and Evasion during Acute HCV Infection	\$929,573
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K23AI063998	IDENTIFYING HIV AND RELATED STIGMA IN RURAL HAITI	\$133,520
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057552	International Herpes Vaccine Project	\$394,157
2008	BOSTON UNIVERSITY	MA	U01AI075386	SHIGA-TOXINS: PRE-CLINICAL ANIMAL MODEL DEVELOPMENT AND THERAPEUTIC TESTING	\$754,666
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI042006	Cost-effectiveness of preventing HIV complications	\$742,186
2008	TUFTS UNIVERSITY	MA	R01AI071300	INNATE IMMUNITY AND DENDRITIC CELLS IN CRYPTOSPORIDIOSIS	\$389,823
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI072143	ROLE OF LIPID MEDIATORS IN HOST RESISTANCE TO MYCOBACTERIUM TUBERCULOSIS	\$417,547
2008	BETH ISRAEL HOSPITAL	MA	P01AI065687	SLAM Gene Family Controlled Pathways to SLE	\$1,289,925
2008	HARVARD PILGRIM HEALTH CARE, INC	MA	R01AI066304	Conjugate vaccine impact on pneumococcal carriage, disease, and population geneti	\$647,359
2008	TUFTS MEDICAL CENTER	MA	T32AI055412	Clinical Research Training in Infectious Diseases	\$109,301
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI080122	WHOLE-GENOME SIRNA SCREEN FOR HOST GENES SUPPORTING HEPATITIS C VIRUS REPLICATION	\$56,702
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R21AI073591	EMPIRICAL SPACE-TIME EVALUATION OF PRIORITY GROUPS FOR INFLUENZA CONTROL	\$248,684
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI068826	DESIGNING POTENT ANTHRAX VACCINE WITH ENGINEERED PROTECTIVE ANTIGEN	\$412,634
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007061	Infectious Disease and Basic Microbiological Mechanisms	\$463,208
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01AI068616	STATISTICAL AND DATA MANAGEMENT CENTER-PEDIATRIC, ADOLESCENT, AND MATERNAL CTG	\$6,244,870
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K01AI073193	IMPROVING HIV AND HCV OUTCOMES IN U.S. AIDS DRUG ASSISTANCE PROGRAMS	\$135,815
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI068871	LEUKOTRIENES AND LUNG INFLAMMATION	\$400,371
2008	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH	MA	K08AI071023	THE ROLE OF FUNGAL ADHESINS IN THE MODULATION OF THE INNATE IMMUNE RESPONSE	\$120,150
2008	TUFTS UNIVERSITY	MA	R56AI073759	INHIBITORS OF TYPE III SECRETION AND TRANSLOCATION IN YERSINIA	\$411,459

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2008	JOSLIN DIABETES CENTER, INC	MA	R24AI072073	ImmGen: gene expression and regulation in immune cells	\$995,309
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	K23AI073141	RISK FACTORS FOR THE DEVELOPMENT OF LACTIC ACIDOSIS AND PANCREATITIS AMONG HAART-	\$128,262
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI068698	FOWARD GENETIC STUDY OF SURFACE COAT GENES EXPRESSION IN TRYPANOSOMA BRUCEI	\$251,627
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI067693	PROSPECTIVE MULTICENTER STUDY OF BRONCHIOLITIS ADMISSIONS: ETIOLOGY & DISPOSITION	\$883,729
2008	GLYCOSYN INC	MA	R43AI079854	OLIGOSACCHARIDES TO PREVENT INFECTIOUS DIARRHEA	\$158,865
2008	BETH ISRAEL HOSPITAL	MA	R01AI076138	ARMING NEUTROPHILS FOR THE DESTRUCTION OF HIV BY ANTI-HIV ANTIBODY	\$365,802
2008	TUFTS UNIVERSITY	MA	R56AI076409	THE EFFECT OF INNATE IMMUNITY ON B CELL TOLERANCE	\$545,174
2008	NORTHEASTERN UNIVERSITY	MA	R21AI070736	THE NATURE OF BACTERIAL UNCULTIVABILITY	\$192,521
2008	TUFTS UNIVERSITY	MA	K25AI079404	LIGHT WEIGHT MODELING OF EPSTEIN BARR VIRUS	\$124,632
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI079198	THE ROLE OF THE PHAGOSOME IN INNATE IMMUNE SENSING	\$484,287
2008	BETH ISRAEL HOSPITAL	MA	R21AI078385	CHARACTERIZATION OF INNATE IMMUNE RECEPTORS	\$255,000
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI078073	MULTI-GENE SUBUNIT VACCINE PLATFORM AGAINST Y. PESTIS	\$402,600
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI071448	IMPACT OF IFN-GAMMA ON NEURAL STEM CELL REPAIR POTENTIAL IN EAE	\$326,703
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI074958	INTRACELLULAR BACTERIAL RECOGNITION IN THE DROSOPHILA INNATE IMMUNE RESPONSE	\$305,349
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K22AI065425	EICOSANOID PRODUCTION BY INFECTED LUNG EPITHELIAL CELLS	\$161,304
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R00AI072955	CELLULAR AND MOLECULAR ASPECTS OF TOLL-LIKE RECEPTOR SIGNAL TRANSDUCTION.	\$249,000
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI049928	Doctoral Training Program in Tropical Diseases	\$225,217
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI077668	ROLE OF WASP/WIP COMPLEX IN T CELL FUNCTION	\$422,500
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI052455	GROUP B. STREPTOCOCCI AND TOLL-LIKE RECEPTORS	\$381,861
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI039246	Complement system and humoral immunity	\$451,033
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI032391	KILLER CELLS & VIRAL LOAD IN VERTICAL HIV INFECTION	\$302,304
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026126	MECHANISMS REGULATING HSV TK EXPRESSION DURING INFECTION	\$373,210

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2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043534	REGULATION OF V(D)J RECOMBINATION IN B CELL DEVELOPMENT	\$355,919
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI020566	Poliovirus Cell Entry Pathways	\$590,615
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI067073	PATHOGENESIS OF CLADE C HIV INFECTION	\$573,658
2008	BETH ISRAEL HOSPITAL	MA	R01AI041087	MECHANISMS OF FCR-MEDIATED INFLAMMATORY RESPONSES	\$395,320
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI047960	TRYPANOSOMA CRUZI-INDUCED HOST CELL SIGNALING RESPONSES	\$305,094
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063433	FUNCTION OF MVFR IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$380,879
2008	IMMUNE DISEASE INSTITUTE INC	MA	R37AI054636	BCR SIGNALING DURING B CELL DEVELOPMENT AND MAINTENANCE	\$538,756
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI046756	ANGIOGENESIS AND CHRONIC REJECTION	\$430,662
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI020047	Mechanisms that Control IgH Variable Region Exon Assembly	\$516,784
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063106	Genetics of Herpesvirus Transformation	\$354,743
2008	DANA-FARBER CANCER INSTITUTE	MA	R37AI019807	T CELL ANTIGEN RECOGNITION	\$512,503
2008	BETH ISRAEL HOSPITAL	MA	K08AI069995	VIRAL CONSTRAINTS ON SIV ESCAPE FROM CYTOTOXIC T LYMPHOCYTES	\$121,230
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI044268	REGULATION OF ANTI-CARBOHYDRATE NATURAL ANTIBODIES	\$297,305
2008	TUFTS MEDICAL CENTER	MA	R01AI059505	MOLECULAR ANALYSIS OF BORRELIA P66-INTEGRIN BINDING	\$0
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI065285	HIV-1 REGULATION BY MTB: PATHOGEN AND HOST FACTOR	\$440,433
2008	BOSTON MEDICAL CENTER	MA	R01AI021628	PEPTIDE ACTIVATORS OF DIPHTHERIA TOXIN REPRESSOR(DTXR)	\$516,399
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI033062	IKAROS REGULATION: STUDY ON HEMO-LYMPHOPOIESIS	\$391,591
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI063928	GAMMA-2 HERPESVIRUSES AS VACCINE VECTORS FOR AIDS	\$498,084
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI074088	MECHANISTIC EXPLORATIONS OF MICROCIN E492M BIOSYNTHESIS AND MATURATION	\$46,826
2008	BOSTON UNIVERSITY	MA	R01AI064099	Mechanism of cell-associated HIV-1 transmission	\$375,554
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI064349	INNATE IMMUNITY AND HERPES SIMPLEX PATHOGENESIS	\$305,210
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063408	MODULATION OF T LYMPHOCYTE REGULATION	\$396,379
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI054451	FUNCTION AND REGULATION OF GATA-3	\$308,256
2008	TUFTS UNIVERSITY	MA	R01AI024465	IMMUNITY IN TRANSGENIC MICE	\$389,356
2008	BETH ISRAEL HOSPITAL	MA	R01AI065335	IMMUNE CONTROL OF SIVAGM REPLICATION IN VIVO	\$657,743
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI071155	REMODELING OF THE M. TUBERCULOSIS CELL WALL DURING INFECTION	\$416,742

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI054976	ALLOIMMUNITY AND AUTOIMMUNITY IN NOD MICE	\$406,947
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI038342	THE CHROMATIN REMODELER MI2 IN T CELL DEVELOPMENT	\$383,926
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI029673	TRANSCRIPTIONAL CONTROL OF HUMAN T CELL RECEPTOR GENES	\$459,600
2008	BETH ISRAEL HOSPITAL	MA	U19AI066305	NOVEL ADENOVIRUS VECTOR-BASED VACCINES FOR HIV-1	\$2,202,559
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI048935	Mechanisms and Population Genomics of Pneumococcal Antigenic Diversity	\$630,189
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI048820	REGULATORY T CELLS IN TRANSPLANTATION TOLERANCE	\$372,066
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI067519	CHEMOKINE RECEPTORS AND THE INTERFERON GAMMA PATHWAY IN TH1 CELL TRAFFICKING	\$130,140
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI058935	Protective immunity to human cholera in Bangladesh	\$622,033
2008	BOSTON MEDICAL CENTER	MA	R01AI040944	Neisserial porins and antigen presenting cells	\$439,290
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI035786	THE EPIDEMIOLOGY OF HOME ALLERGENS AND ASTHMA	\$693,069
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI062773	GENOMIC APPROACHES TO HOST-PATHOGEN INTERACTIONS	\$333,393
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI063795	LIVING CELL ARRAYS FOR REAL TIME FUNCTIONAL GENOMICS	\$664,697
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI074503	DEVELOPMENT OF NOVEL IMMUNOTHERAPY FOR INFLUENZA VIRUS INFECTION	\$892,349
2008	BRANDEIS UNIVERSITY	MA	U01AI075466	DEVELOPMENT OF IMPDH-TARGETED DRUGS AGAINST CRYPTOSPORIDIUM	\$770,714
2008	BIOSCALE INC	MA	R44AI067050	NOVEL VIRAL LOAD DIAGNOSTIC FOR RESOURCE-LIMITED SETTINGS	\$530,000
2008	BETH ISRAEL HOSPITAL	MA	R21AI075932	MUCOSAL PROTECTION AGAINST HIV TRANSMISSION BY COMBINATIONS OF ANTI-HIV ANTIBODIE	\$240,344
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI073651	B CELL ACTIVATION DURING VIRAL INFECTION	\$398,531
2008	INTELLIGENT BIO-SYSTEMS INC	MA	R43AI074232	NOVEL DIAGNOSTIC SEQUENCING SYSTEM FOR HIV RESISTANCE TESTING	\$299,942
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	F32AI073035	GENOME-WIDE ANALYSIS OF HOST FACTORS REQUIRED FOR SHIGELLA SPREAD	\$51,278
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI078799	Immunoregulatory Function of Myelomonocytic Receptors in HIV-1 Infection	\$448,019
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R00AI072973	ANERGIZING EFFECT OF NK CELL RECEPTOR EXPRESSION ON HIV-SPECIFIC CD8+ T CELLS	\$249,000

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2008	TUFTS MEDICAL CENTER	MA	R01AI072222	IMMUNE RESPONSE TO CRYPTOSPORIDIOSIS IN A BIRTH COHORT OF CHILDREN OF SOUTH INDI	\$580,878
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI073425	DETECTION OF BACTERIA USING NANOPARTICLE-POLYMER SENSORS	\$199,960
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI070857	BACTERIAL SPECIFIC OLIGOMERS FOR INFECTION DETECTION THROUGH IMAGING	\$199,266
2008	UNIVERSITY OF MASSACHUSETTS	MA	R37AI038996	Structure and Function of MHC Proteins	\$274,541
2008	UNIVERSITY OF MASSACHUSETTS	MA	RC1AI081281	MITIGATING RADIODERMATITIS BY BLOCKING IL-1-DEPENDENT NEUTROPHILIC INFLAMMATION	\$777,191
2008	Forsyth Dental Infirmary for Children Forsyth Institute	MA	R01AI076425	TB VACCINE CANDIDATES FOUND IN PATIENTS' BODILY FLUIDS AND MURINE MHC-1 MOLECULE	\$609,083
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI078897	ANTI-VIRAL IMMUNE RESPONSES IN LYMPH NODE	\$2,327,720
2008	BOSTON UNIVERSITY	MA	R01AI074903	RESPIRATORY SYNCYTIAL VIRUS POLYMERASE PROTEIN AND PROMOTER INTERACTIONS	\$365,625
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R56AI075037	STUDIES ON FC-EPSILON-RI AS AN ANTIGEN PRESENTATION STRUCTURE AT MUCOSAL SURFACES	\$422,500
2008	TUFTS UNIVERSITY	MA	R01AI063926	WORKING MODELS OF HIV PERSISTENCE & EVOLUTION	\$311,484
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI072765	Leukocyte Adhesion Receptors Mac-1 and P150,95	\$557,406
2008	DANA-FARBER CANCER INSTITUTE	MA	R56AI079189	ANTIGEN PRESENTATION BY LYMPH NODE STROMAL CELLS IN ORGAN-SPECIFIC AUTOIMMUNE DIS	\$0
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI064588	EVOLUTION OF STRESS-INDUCED BACTERIAL TOXINS	\$352,304
2008	TUFTS MEDICAL CENTER	MA	R21AI077476	ROLE OF PROTEASES IN CRYPTOSPORIDIUM-HOST CELL INTERACTIONS	\$258,500
2008	BIOHELIX CORPORATION	MA	R43AI078592	LATERAL FLOW ASSAY FOR DETECTING COLONIZATION BY STREPTOCOCCUS AGALACTIAE	\$201,042
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI069732	DISSECTING MECHANISMS OF HOST MANIPULATION BY PATHOGENS	\$51,918
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI076706	IMPACT OF NK CELL IMMUNE PRESSURES ON HCV EVOLUTION AND VIRAL FITNESS	\$263,250
2008	DANA-FARBER CANCER INSTITUTE	MA	P01AI048240	Vaccination against mucosal HIV clade C transmission	\$2,264,811
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI048023	HIV VACCINE TRIAL CLINICAL UNIT	\$13,759
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI037475	FUNCTION FOR VPR AND VPX OF PRIMATE LENTIVIRUSES	\$377,879
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI069007	PHASE-VARIABLE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$362,208

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2008	MICROBIOTIX, INC	MA	R44AI054135	A POTENT ORAL THERAPY FOR CYTOMEGALOVIRUS INFECTION	\$1,124,230
2008	BOSTON UNIVERSITY	MA	R01AI035680	ROLE OF INTERLEUKIN-16 IN ASTHMA	\$375,554
2008	TUFTS UNIVERSITY	MA	R01AI057637	CLOSTRIDIUM DIFFICILE TOXIN GENE REGULATION	\$265,401
2008	BOSTON UNIVERSITY	MA	U01AI067146	HLA REGION GENETICS AND SLE IN U.S. BLACK WOMEN	\$339,507
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K08AI057999	MODULATION OF DENDRITIC CELL FUNCTION BY CYTOMEGALOVIRUS	\$125,280
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI057588	THE ROLE OF LPS AND TOLL-LIKE RECEPTORS IN PLAGUE	\$342,850
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI059010	MOUSE MODEL FOR SEPSIS	\$382,369
2008	TUFTS UNIVERSITY	MA	R01AI064218	PERPETUATION OF FRANCISELLA TULARENSIS	\$374,234
2008	BOSTON MEDICAL CENTER	MA	R01AI046613	INNATE IMMUNE RECEPTORS IN HOST RESPONSES TO NEISSERIA	\$311,747
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI052817	STATISTICAL METHODS FOR HIV/AIDS STUDIES	\$250,967
2008	UNIVERSITY HOSPITAL	MA	R01AI058107	PRIMATE MODEL AND PATHOGENESIS OF ANTHRAX SEPSIS	\$487,215
2008	DANA-FARBER CANCER INSTITUTE	MA	P01AI043649	HIVRAD: STRUCTURAL APPROACHES TO VACCINE DEVELOPMENT	\$1,369,131
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI061174	TOWARDS A MOUSE MODEL OF COMPLEMENT-MEDIATED DISEASES	\$389,686
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI037584	TEC FAMILY TYROSINE KINASES IN T CELL SIGNALING	\$340,093
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	K08AI059427	ASTHMA, BASOPHILS, AND LEUKOCYTE-LG-LIKE RECEPTORS	\$128,520
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI054950	RASGRP4-DEPENDENT RESPONSES IN MAST CELLS	\$392,995
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI056230	GENE BY ENVIRONMENT INTERACTIONS IN ASTHMA AND ALLERGY	\$597,254
2008	MARINE BIOLOGICAL LABORATORY	MA	R01AI058054	MOLECULAR EVOLUTION OF EUKARYOTES: A PROTISTAN EMPHASIS	\$532,619
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI028568	HIV 1 SPECIFIC T CELL CLONES	\$366,256
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064285	Manipulation of epithelial cells by Shigella	\$375,067
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI060991	GENETIC CONTROL OF IMMUNE RESPONSE TO LISTERIA INFECTION	\$348,277
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	P01AI039671	Costimulatory Mechanisms of Autoimmunity (Composite)	\$1,610,401
2008	BETH ISRAEL HOSPITAL	MA	U19AI066313	DETERMINANTS OF LIVER INJURY IN CHRONIC HEPATITIS C VIRUS INFECTION	\$558,103
2008	BRIGHAM & WOMEN`S HOSPITAL	MA	R01AI073542	TRAFFICKING AND THE ROLE OF MYELIN SPECIFIC REGULATORY T CELLS IN EAE	\$355,019
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI021451	P. aeruginosa Virulence Determinants	\$394,157

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2008	DANA-FARBER CANCER INSTITUTE	MA	R37AI034266	Infant Immunoprophylaxis against a Primate Lentivirus	\$820,779
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI059027	LOCALIZATION OF RECOMBINATION SITES IN E. COLI	\$253,021
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI056983	METHODS FOR HIGH-DIMENSIONAL DATA IN HIV RESEARCH	\$289,426
2008	CHILDREN'S HOSPITAL CORPORATION	MA	K08AI070561	BIOFILM FORMATION BY LISTERIA MONOCYTOGENES	\$123,660
2008	TUFTS UNIVERSITY	MA	R01AI045746	Role of c-diGMP signaling in Vibrio cholerae virulence	\$350,420
2008	BETH ISRAEL HOSPITAL	MA	R01AI020241	HUMAN EOSINOPHILS: MECHANISMS OF FUNCTIONING	\$395,320
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI025328	MOLECULAR BASIS FOR SIV PATHOGENICITY	\$402,453
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI031046	Tolerance to Vascularized Allografts in Miniswine	\$619,416
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI045062	HEAD LOUSE RESISTANCE AND CONTROL OF PEDICULOSIS	\$169,675
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI045846	ROLE OF THE PRE-T CELL RECEPTOR IN LINEAGE COMMITMENT	\$364,947
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI064930	Studies on Peripheral B Lymphocyte Development	\$516,272
2008	TUFTS UNIVERSITY	MA	R01AI056273	Functional Characterization of the Schistosome Tegument	\$368,577
2008	COMBINATORX INC	MA	U01AI061345	COMBINATION THERAPIES TO COUNTERACT ANTHRAX TOXIN	\$647,702
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI062412	PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV	\$574,877
2008	COLLEGE OF THE HOLY CROSS	MA	F32AI071766	EXPRESSION OF ANTI-HIV APOBEC FAMILY MEMBERS	\$51,278
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	K24AI062476	OPTIMAL STRATEGIES FOR MANAGEMENT OF HIV DISEASE	\$106,236
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	P01AI071195	IMMUNE RESPONSE CONSORTIUM: INTEGRATED IN SILICO, IN VITRO, AND IN VIVO STUDIES	\$1,543,423
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI075563	Novel broad spectrum therapeutic glycans against Category B pathogens	\$858,575
2008	TUFTS UNIVERSITY	MA	R21AI076156	INTESTINAL COLONIZATION BY C.ALBICANS AND ENTERIC BACTERIA	\$200,492
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R03AI074646	MECHANISM OF PIRFENIDONE-INDUCED LUNG TRANSPLANT SURVIVAL	\$82,895
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI073623	REGULATION OF PHOSPHOPROTEIN SIGNALLING IN CD4+ AND DN INKT CELL SUBSETS	\$198,333
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI044220	INNATE IMMUNITY IN VERTEBRATES AND INSECTS	\$1,523,886
2008	IQUUM INC	MA	U01AI066576	POINT OF CARE NUCLEIC ACID DIAGNOSTIC DEVICE FOR QUANTIFYING BACTEREMIA	\$368,621

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2008	NOVOBIOTIC PHARMACEUTICALS LLC	MA	R44AI063616	DEVELOPING NOVEL ANTIBIOTICS AGAINST YERSINIA PESTIS	\$1,805,783
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI070085	HARVARD LONGWOOD MEDICAL AREA TRAINING GRANT IN TRANSPLANTATION	\$174,370
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	U01AI070330	EVOLUTIONARY LEAD OPTIMIZATION FOR IMMUNOTHERAPY OF MARBURG & EBOLA VIRUSES	\$898,140
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	U19AI070352	REGULATORY T CELLS IN AUTOIMMUNE DISEASE	\$909,305
2008	IMMUNETICS, INC	MA	R43AI078567	DETECTION OF ANTIBIOTIC RESISTANCE GENES IN BACTERIAL AGENTS OF HOSPITAL-ACQUIRED	\$299,999
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	U01HD052102	Pediatric HIV/AIDS Cohort Study (PHACS) Data and Operations Center (DOC)	\$13,105,938
2008	HOWARD M SHAPIRO, MD PC, INC	MA	R43AI078605	RAPID AFFORDABLE TB DRUG SUSCEPTIBILITY TESTING	\$299,229
2008	DANA-FARBER CANCER INSTITUTE	MA	F32AI078810	DEVELOPMENT OF GENE TRANSFER APPROACH FOR PREVENTION OF VAGINAL HIV TRANSMISSION	\$44,846
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI063623	NOVEL THERAPIES TO IMPROVE RENAL AND CARDIAC ALLOGRAFT OUTCOMES	\$3,228,624
2008	BOSTON BIOMEDICAL RESEARCH INSTITUTE	MA	R01AI065690	DEVELOPMENT OF SUPERANTIGEN ANTAGONISTS	\$507,500
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI073803	HUS PATHOGENESIS & CLINICAL OUTCOME IN AN IN VIVO MODEL	\$247,212
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI076442	Validation of Src kinases as Anti-Dengue Viral Targets	\$376,178
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI073415	HIV NEF-MEDIATED ENHANCEMENT OF T CELL ACTIVATION VIA PAK2	\$209,689
2008	PHYSICAL SCIENCES, INC	MA	R43AI075709	NOVEL INTRACELLULAR THERAPEUTIC AGENT FOR BOTULINUM INTOXICATION	\$243,590
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI050950	EXPLORING REGULATORY T CELL DYSFUNCTION IN A MURINE MODEL OF COLITIS	\$336,200
2008	MICROBIOTIX, INC	MA	R43AI074116	ANTIBIOTIC POTENTIATORS TARGETING SOS INDUCTION	\$300,000
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	F32AI077280	INTERACTIONS BETWEEN THE ANTHRAX TOXIN PORE AND ITS POLYPEPTIDE CARGO	\$49,646
2008	BOSTON MEDICAL CENTER	MA	R03AI076839	INVESTIGATION OF PERTUSIS SPECIFIC MEMORY B CELLS	\$76,733
2008	FIRST LIGHT BIOSCIENCES INC	MA	R43AI078695	ULTRASENSITIVE, RAPID, COST-EFFECTIVE, USER-FRIENDLY TEST FOR RESPIRATORY VIRUSES	\$209,600
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI074616	INTERACTION OF HIV NEF WITH ITS RECEPTOR BINDING PARTNERS	\$215,209

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2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R56AI042254	IKAROS AND MI-2 BETA INTERACTIONS IN EARLY LYMPHOID DEVELOPMENT	\$253,786
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI049320	Evolution & Maintenance of Memory CD8 T Cells	\$1,618,887
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI078340	ROLE OF PLEXIN D1 IN THYMIC DEVELOPMENT	\$261,700
2008	BETH ISRAEL DEACONESS MEDICAL CENTER, INC	MA	R21AI076691	NON-ANTIBIOTIC SELECTABLE MARKERS FOR BACILLUS ANTHRACIS	\$212,500
2008	IMMUNE DISEASE INSTITUTE INC	MA	R21AI066197	RNAI VECTOR DELIVERY TO INHIBIT JE/WN ENCEPHALITIS	\$0
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI070788	ROLE OF MICRO-RNAS IN T CELLS AND OTHER IMMUNE/HAEMATOPOIETIC CELLS	\$464,504
2008	SCHEPENS EYE RESEARCH INSTITUTE	MA	R01AI072360	E. faecalis Pathogenicity Island	\$457,456
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI077795	CD1D-RESTRICTED NKT CELLS IN MICROBIAL INFECTION	\$136,350
2008	MICROBIOTIX, INC	MA	R43AI071458	QUINOLINE-BASED INHIBITORS OF BOTULINUM NEUROTOXIN A	\$294,218
2008	EXPRESSIVE CONSTRUCTS, INC	MA	R43AI074135	SIMPLE AND INEXPENSIVE DIAGNOSTIC TOOLS FOR YEAST INFECTIONS	\$200,870
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI049524	MHC PROTEINS, COPOLYMERS AND PEPTIDE 15MERS IN EAE	\$409,568
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI049268	GLYCOPROTEIN INTERACTIONS IN PARAMYXOVIRUS FUSION	\$396,692
2008	BETH ISRAEL HOSPITAL	MA	R01AI051645	AIRWAYS EOSINOPHILS AS ANTIGEN-PRESENTING CELLS IN ASTHMA	\$425,000
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI052353	CYSLT AND P2Y RECEPTORS IN LUNG INFLAMMATION	\$211,250
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057576	Plasmid-mediated Quinolone Resistance	\$203,474
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI043208	MOLECULAR INTERACTIONS BETWEEN REV AND CELLULAR FACTORS	\$309,579
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI050429	CD8+ T CELL FUNCTION IN HIV-1 INFECTION	\$386,269
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI060881	COMPLEMENT C1Q FUNCTION IN ALLOGENEIC TRANSPLANTATION	\$128,520
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI059495	GROUP B STREP ALP PROTEIN-EPITHELIAL CELL INTERACTION	\$129,168
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI049361	THE ROLE OF NOTCH SIGNALING IN T CELL FUNCTION	\$321,684
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI064345	ROLE OF RNA SILENCING IN B CELL DEVELOPMENT AND FUNCTION	\$567,883
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI067731	ANTIGEN-SPECIFIC CD8+ T CELLS AND PROTECTIVE IMMUNITY TO TUBERCULOSIS	\$393,521
2008	BETH ISRAEL HOSPITAL	MA	R01AI058727	AUGMENTATION OF DNA VACCINE-ELICITED IMMUNITY TO HIV/SIV	\$369,208

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2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R01AI042738	ACINETOBACTIN AND C-GLUCOSYLATED ENTEROBACTIN SIDEROPHORES	\$419,772
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R37AI038310	In Vivo Function of the B7 Family of Costimulators	\$403,644
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI046454	Actin Pedestal Formation by EHEC O157:H7	\$530,499
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	U01AI061246	DNA MINOR GROOVE-BINDING DRUGS AND FOOD-BORNE PATHOGENS	\$408,264
2008	TUFTS UNIVERSITY	MA	R01AI062989	COMPUTER SIMULATION OF EPSTEIN BARR VIRUS INFECTION	\$440,562
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI069259	T Cell Activation in Lymph Nodes	\$426,238
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U54AI057159	NEW ENGLAND REGIONAL CENTER OF EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS D	\$10,425,237
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI069516	WESTERN NEW ENGLAND MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS UNIT	\$741,810
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI046784	THE ROLE OF CCR4 IN SKIN LYMPHOCYTE HOMING AND IMMUNITY	\$381,021
2008	BETH ISRAEL HOSPITAL	MA	R01AI057409	MECHANISMS MEDIATING CD28 AND CD154 INDEPENDENT REJECTION	\$237,193
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI066118	TEC KINASES LTK AND RLK IN MAST CELL SIGNALING	\$386,974
2008	TUFTS UNIVERSITY	MA	R37AI023538	MOLECULAR BASIS OF YERSINIA/HOST CELL INTERACTION	\$342,184
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	U01AI065654	A STUDY OF PROTECTIVE IMMUNITY AGAINST DENGUE IN INFANTS	\$567,684
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI045897	A Tolerance Approach to Xenotransplantation	\$2,729,837
2008	TUFTS UNIVERSITY	MA	R01AI043535	CD22, A REGULATOR OF B CELL ACTIVATION	\$221,147
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	T32AI007306	Immunologic Basis of Resistance and Hypersensitivity	\$468,478
2008	DANA-FARBER CANCER INSTITUTE	MA	R01AI060456	STUDIES OF CCR5 CONFORMATIONAL HETEROGENEITY & HIV ENTRY	\$357,882
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI023283	Molecular Basis of Immunoglobulin Heavy Chain Switch	\$377,879
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	P01AI057784	ADJUVANTS AND TOLL-LIKE RECEPTORS IN VACCINE DEVELOPMENT	\$1,059,777
2008	TUFTS MEDICAL CENTER	MA	K23AI071872	GENETIC ANALYSIS OF HIV COMPLICATIONS	\$122,760
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI067438	STRUCTURAL BASIS FOR INFLUENZA AMANTADINE-RESISTANCE	\$322,914
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R37AI029873	MOLECULAR BIOLOGY OF HIV-GAG PROTEINS	\$504,991
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI069939	HIV-HEPATITIS C VIRUS INTERACTIONS AND PATHOGENESIS	\$375,067

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI037750	IN VIVO PATHOGENESIS OF HELICOBACTER PYLORI	\$376,716
2008	DANA-FARBER CANCER INSTITUTE	MA	U19AI057330	PROTECTIVE ORTHOPOX IMMUNIZATION IN NORMALS AND PATIENTS WITH CANCER OR ECZEMA	\$3,444,555
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI026077	Human Cytomegalovirus Nuclear Egress: Molecular Mechanisms and Drug Targeting	\$530,947
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI058198	MIMOTOPES OF GONOCOCCAL OLIGOSACCHARIDES FOR VACCINATION	\$302,304
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI060548	RESEARCH TRAINING IN ALLERGY AND IMMUNOLOGY AT MASSACHUSETTS GENERAL HOSPITAL	\$161,065
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI049757	HIV-1 GP120 INDUCED CTL CHEMOREPULSION:DYSREGULATION OF MIGRATION & LOCALIZATION	\$410,450
2008	TUFTS MEDICAL CENTER	MA	K23AI074423	EMERGENCE OF HIV DRUG RESISTANCE: LOW-FREQUENCY MUTATIONS AND ASSOCIATED FACTORS	\$123,390
2008	TUFTS UNIVERSITY	MA	R01AI055976	BIOEMULSIFYING VACCINE DELIVERY SYSTEM FOR IMMUNOMODULATION	\$373,009
2008	TUFTS MEDICAL CENTER	MA	T32AI007389	HIV PATHOGENESIS TRAINING PROGRAM	\$162,758
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI060398	MOLECULAR MECHANISMS OF CELLULAR GENE EXPRESSION REPROGRAMMING BY HIV TAT PROTEIN	\$392,994
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P30AI060354	Harvard University Center for AIDS Research	\$3,312,623
2008	CHILDREN'S HOSPITAL CORPORATION	MA	T32AI007512	Molecular Basis of Allergic and Immunologic Disease	\$549,731
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	T32AI007529	Training in Transplantation Biology	\$243,600
2008	UNIVERSITY OF MASSACHUSETTS	MA	R21AI078509	ACQUIRED SUSCEPTIBILITY TO PULMONARY TB	\$204,375
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R33AI065354	PROTEOMICS OF CENTRAL TOLERANCE IN NOD VS B6 MICE	\$594,491
2008	MARINE BIOLOGICAL LABORATORY	MA	R13AI056209	MOLECULAR MYCOLOGY SUMMER COURSE	\$20,000
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI072599	HIGH THROUGHPUT PROTEOMIC ANALYSIS OF SALMONELLA ENTERICA	\$214,594
2008	BETH ISRAEL HOSPITAL	MA	R01AI020729	IMMUNOREGULATION IN AIDS	\$658,292
2008	MICROBIOTIX, INC	MA	R43AI079986	THERAPEUTICS TARGETING FATTY ACID SYNTHESIS IN P. AERUGINOSA	\$300,000
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007638	Immunology and Infectious Diseases	\$140,171
2008	BETH ISRAEL HOSPITAL	MA	T32AI074549	Training Grant in Systemic Autoimmunity	\$61,659
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI077412	NEF FUNCTION IN HIV INFECTIVITY	\$399,650

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2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	F32AI068395	THE IMPACT OF DRUG-DRUG INTERACTIONS ON THE EVOLUTION OF ANTIBIOTIC RESISTANCE	\$51,278
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R37AI023988	Quinolone and multidrug resistance in Staphylococcus aureus	\$438,750
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	P01AI071306	MECHANISMS OF PROTECTIVE IMMUNITY INDUCED BY LIVE ATTENUATED SIV VACCINES	\$3,801,627
2008	UNIVERSITY OF MASSACHUSETTS	MA	R56AI075318	THE ROLE OF LPS-TLR4 SIGNALING IN LIVE VACCINE-INDUCED PROTECTIVE RESPONSES	\$429,763
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI073127	POOLING HIV COHORTS TO INFORM CLINICAL DECISION	\$444,723
2008	BRANDEIS UNIVERSITY	MA	R21AI070635	DESIGN OF A LIGHT-SWITCHED, GENETICALLY-ENCODED REGULATOR OF ACTIN ASSEMBLY	\$192,726
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070820	THE ROLE OF TIM-1: TIM-4 PATHWAY IN ALLOGRAFT REJECTION AND TOLERANCE	\$412,756
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	P01AI074415	Acute HIV Infection: Implications for vaccine design	\$2,318,714
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI057947	IKK SIGNALS IN LYMPHOCYTE PHYSIOLOGY AND PATHOLOGY	\$439,502
2008	TUFTS UNIVERSITY	MA	R56AI052781	GENETICS OF CRYPTOSPORIDIUM PARVUM	\$292,907
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	R01AI068109	PROPHYLACTIC VACCINES FOR SCHISTOSOMIASIS	\$404,211
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI070601	INDUCTION OF TOLERANCE USING T CELLS TO DELIVER ANTIGEN	\$386,367
2008	UNIVERSITY OF MASSACHUSETTS	MA	R01AI048833	CLASS II MHC ANTIGEN PROCESSING IN DENDRITIC CELLS	\$427,405
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R21AI069458	MOLECULAR IDENTIFICATION OF A SIALYL 9-O-ACETYL TRANSFERASE	\$214,594
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	K08AI076625	A NOVEL MUTATION IN HUMAN IKBALPHA IDENTIFIES A DOMAIN ESSENTIAL FOR FUNCTION	\$132,300
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI032890	CELLULAR CO-FACTORS OF HIV-1 INFECTION	\$358,678
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	T32AI007349	Training in Immunology and Virology	\$175,655
2008	BETH ISRAEL HOSPITAL	MA	R01AI049954	GENE TRANSCRIPTION IN SLE	\$425,000
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI063421	INTEGRIN LFA-1 ANTAGONISTS	\$395,554
2008	BETH ISRAEL HOSPITAL	MA	R01AI063571	FORMINS (FHOS) IN CD21-MEDIATED SIGNALING & VIRUS ENTRY	\$355,790
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	U01AI069412	HARVARD MEDICAL SCHOOL VACCINE CLINICAL TRIALS UNIT	\$977,281
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI057851	Mechanism of anti-CD45 induced transplantation tolerance	\$385,099
2008	TUFTS UNIVERSITY	MA	R01AI056021	The multiple antibiotic resistance (mar) regulon	\$611,653

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2008	TUFTS UNIVERSITY	MA	R01AI018919	Immunoregulation in Schistosomiasis	\$380,205
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI016892	Proteolytic and chaperone machines implicated in virulence and disease	\$688,150
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI062983	MUCOSAL COLONIZATION AND DISSEMINATION OF P. AERUGINOSA	\$128,120
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R37AI015706	SEQUENCE DETERMINANTS OF PROTEIN STRUCTURE AND STABILITY	\$467,139
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	R01AI065639	DNA BREAKS IN CLASS SWITCH RECOMBINATION	\$264,514
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R01AI065824	ENGINEERING AND ANALYSIS OF T CELL CD3 AND IL2R SIGNALS	\$575,774
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI044880	GENETIC BASIS FOR SUSCEPTIBILITY TO EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS	\$369,467
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI057366	C1 INHIBITOR-MEDIATED PROTECTION FROM ENDOTOXIN SHOCK	\$439,502
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI049313	T cell Responses to CD1-restricted Lipids in Tuberculosis	\$416,742
2008	HARVARD UNIVERSITY PRESIDENT & FELLOWS	MA	R37AI032475	Analytic Methods for HIV Treatment and Co-Factor Effects	\$539,781
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI063386	THE ROLE OF FCGAMMA-RLLB IN MEMORY T CELL SELF-RENEWAL	\$128,520
2008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER	MA	K08AI053542	MACROPHAGE DEFENSE AGAINST M. TUBERCULOSIS	\$123,903
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI022535	ACQUIRED IMMUNITY AND VACCINATION FOR P. AERUGINOSA	\$341,698
2008	IMMUNE DISEASE INSTITUTE INC	MA	R01AI045587	GRANZYME A PATHWAY OF CTL-MEDIATED CELL DEATH	\$548,695
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI059702	CHARACTERIZATION OF M. TUBERCULOSIS KINASES PKNA & PKNB	\$353,697
2008	DANA-FARBER CANCER INSTITUTE	MA	U01AI074518	HUMAN MAB COCKTAILS TO PREVENT & TREAT H5N1 AVIAN INFLUENZA	\$1,378,013
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058106	TLR2 IN SEPSIS-INDUCED COAGULOPATHY, ENDOTHELIAL LEAK, AND PULMONARY DYSFUNCTION	\$23,872
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R01AI059746	SYNOVIAL MAST CELLS IN INFLAMMATORY ARTHRITIS	\$324,721
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007358	Biostatistics/Epidemiology Training Grants in AIDS	\$510,065
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	U01AI074443	BI-FUNCTIONAL POLYMER-ATTACHED INHIBITORS OF INFLUENZA VIRUSES	\$726,206
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI059502	VIRULENCE REGULATION IN GROUP B STREPTOCOCCUS	\$350,095

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2008	DANA-FARBER CANCER INSTITUTE	MA	T32AI007386	Postdoctoral Training Program in AIDS-related Research	\$273,931
2008	BETH ISRAEL HOSPITAL	MA	R01AI042269	Lymphocyte Signaling Defects in Patients with Lupus	\$425,000
2008	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	R21AI073165	CHEMOKINE AND ANTIGEN-CARRYING NANOPARTICLE CO-DELIVERY FOR AN ORAL HIV VACCINE	\$192,822
2008	FIRST LIGHT BIOSCIENCES INC	MA	R44AI055195	RAPID, ACCURATE AND USER-FRIENDLY CLINICAL SURGE-TESTING FOR BIOTHREAT AGENTS	\$298,705
2008	BETH ISRAEL HOSPITAL	MA	R01AI068787	Phosphatases in human lupus	\$409,824
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI057786	EPIDEMIOLOGY OF MULTIDRUG-RESISTANT TUBERCULOSIS IN PERU	\$615,660
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI065858	CELLULAR AND MOLECULAR EFFECTORS OF SYNOVITIS	\$1,991,505
2008	MASSACHUSETTS GENERAL HOSPITAL	MA	R01AI058736	Optimizing HIV Care in Less Developed Countries	\$1,365,491
2008	HARVARD UNIVERSITY, SCHOOL OF PUBLIC HEALTH	MA	T32AI007433	Program for AIDS Clinical Research Training (PACRT)	\$362,643
2008	TUFTS UNIVERSITY	MA	T32AI007422	Molecular Analysis of Microbial Pathogens	\$198,224
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI071147	DROSOPHILA MELANOGASTER AS A MODEL HOST FOR VIBRIO CHOLERAE	\$414,473
2008	AMBERGEN	MA	R44AI052525	NOVEL PROTEOMIC ARRAYS OF IN VITRO EXPRESSED PROTEINS FOR AUTOIMMUNE DISEASE	\$657,583
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R21AI076082	PHAGE-BASED SELECTION OF TYROSINE-SULFATED ENTRY INHIBITORS	\$255,305
2008	TUFTS UNIVERSITY	MA	R01AI064872	A THERMOSTABLE MEASLES VACCINE	\$577,563
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	K08AI064226	GROUP V SPLA2 IN INFLAMMATION AND INNATE IMMUNITY	\$130,150
2008	DANA-FARBER CANCER INSTITUTE	MA	R21AI079767	NOVEL VAGINAL MICROBICIDES BASED ON STABLE AAV-NEUTRALIZING ANTIBODY GENE TRANSFE	\$271,815
2008	BRIGHAM & WOMEN'S HOSPITAL	MA	P01AI073748	TIM family of genes: Role in T cell immunity and tolerance	\$1,611,212
2008	MICROBIOTIX, INC	MA	U01AI070430	NOVEL SMALL MOLECULE INHIBITORS OF BOTULINUM NEUROTOXIN A	\$1,611,536
2008	HARVARD UNIVERSITY MEDICAL SCHOOL	MA	R01AI070963	GENETIC AND ECOLOGICAL FACTORS IN TRANSMISSIBILITY AND EPIDEMIC CYCLE OF CHOLERA	\$324,793
2008	CHILDREN'S HOSPITAL CORPORATION	MA	U01AI077816	NOVEL THERAPIES FOR CHRONIC RENAL ALLOGRAFT DYSFUNCTION IN CHILDREN	\$1,479,847
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI066020	ROLE OF NKT CELLS IN AIRWAY HYPERREACTIVITY & TOLERANCE	\$331,578
2008	CHILDREN'S HOSPITAL CORPORATION	MA	R01AI070926	VIRULENCE MECHANISMS OF GROUP A STREPTOCOCCAL TOXINS	\$380,250

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2008	BRIGHAM & WOMEN'S HOSPITAL	MA	R37AI042347	Molecular Biology and Virulence of CTX Phage	\$350,000
2008	RADIX PHARMACEUTICALS INC	MD	R43AI077109	ISOLATION AND ANTIMALARIAL ACTIVITY OF SMALL MOLECULES FROM OCIMUM SANCTUM	\$300,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI018797	DIFFERENTIATIVE SIGNALS FOR MACROPHAGE ACTIVATION	\$622,219
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI055710	H. PYLORI-SPECIFIC REGULATORY T CELLS THAT LIMIT HOST RESPONSE	\$177,589
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI059316	MOLECULAR EPIDEMIOLOGY OF DRUG RESISTANT MALARIA	\$134,730
2008	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R01AI063366	COMPUTATIONAL MODEL OF CELLULAR ADHESION IN BULK FLOWS	\$295,534
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI057927	PROTECTIVE IMMUNITY BY SHIGELLA VACCINES IN HUMANS	\$519,236
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060449	LIVER DISEASE AND HIV-HBV COINFECTION IN THE HAART ERA	\$587,069
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI035043	CENTER/COORDINATION, ANALYSIS AND MANAGEMENT/MACS	\$2,320,400
2008	JOHNS HOPKINS UNIVERSITY	MD	R37AI014937	Biosynthesis of Beta-Lactam Antibiotics	\$465,001
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI035042	Multicenter AIDS Cohort Study - Part B (Baltimore Center)	\$3,057,330
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI042287	T CELL RESPONSES TO INTRACELLULAR BACTERIAL PATHOGENS	\$347,360
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069482	JOHNS HOPKINS UNIVERSITY-GUANGXI, CHINA CLINICAL TRIALS UNIT	\$193,357
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI068961	RECOMBINANT YELLOW FEVER 17D-LASSA VACCINE	\$535,411
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI077911	LIVE ATTENUATED BACTERIAL VACCINES AGAINST PLAQUE	\$809,524
2008	JOHNS HOPKINS UNIVERSITY	MD	K01AI071754	BIOMARKERS, THERAPY, AND MORTALITY IN THE EVOLVING HIV EPIDEMIC	\$130,327
2008	AKONNI BIOSYSTEMS INC	MD	R01AI059517	MULTIPLEXED PATHOGEN DETECTION BY ON-CHIP AMPLIFICATION	\$621,202
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI070178	WOLBACHIA AS AN AGENT FOR POPULATION REPLACEMENT IN ANOPHELES GAMBIAE	\$196,397
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI077097	PROFILING OF INFLUENZA-SPECIFIC IMMUNE RESPONSES IN THE ELDERLY	\$184,534
2008	UNIVERSITY OF MARYLAND	MD	R01AI068888	ROLE OF LOS AND OPA IN GONOCOCCAL HOST INTERACTIONS	\$327,777
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI079865	TRANSPLANTATION IMMUNOLOGY	\$15,000
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI070486	ANTHRAX IMMUNE GLOBULIN TO PREVENT & TREAT ANTHRAX: ADVANCED PRODUCT DEVELOPMENT	\$105,204

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2008	JOHNS HOPKINS UNIVERSITY	MD	R37AI051178	Significance of Low Level Viremia in Patients on HAART	\$241,326
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI077907	UTILITY OF PLASMIDS IN STUDYING NUCLEAR ORGANIZING EFFECTS	\$246,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI079984	GENETIC DETERMINANTS OF FOOD ALLERGY AMONG PEDIATRIC POPULATIONS	\$345,375
2008	MESO SCALE DIAGNOSTICS LLC	MD	R43AI074210	MULTIPLEX SEROLOGY FOR ENCEPHALITIS	\$245,511
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI078589	2008 FASEB SUMMER CONFERENCE BIOLOGY OF THE IMMUNE SYSTEM	\$10,000
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R21AI073627	NOVEL CARRIER FOR POLYSACCHARIDE CONJUGATES AND AN EBV VACCINE	\$192,375
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059524	Effect of Bacterial Tolerance on TLR4 Signal Transduction	\$310,793
2008	JOHNS HOPKINS UNIVERSITY	MD	K08AI064229	MODELING LATENT TB INFECTION	\$139,320
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060892	DOUCHING PREVENTION TRIAL IN MOTHER-DAUGHTER DYADS	\$474,813
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069406	SOUTHERN ASIA HIV/AIDS CLINICAL TRIALS UNIT	\$1,195,184
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI042053	Gonococcal Infection and Gene Expression in Female Mice	\$243,513
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI037606	MOLECULAR BASIS OF LOCALIZED ADHERENCE IN E. COLI	\$276,259
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI061382	MATURATION FUNCTIONS OF THE HSV-1 TEGUMENT	\$322,407
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI049192	DENDRITIC AND T CELLS IN ANTI-BACTERIAL LG RESPONSES	\$324,701
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI043006	Interspecific Competition Between Rickettsiae in Ticks	\$241,727
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI054715	Henipavirus Entry and Virion Assembly	\$297,846
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI069760	FASEB SUMMER CONFERENCE ON MICROBIAL POLYSACCHARIDES	\$8,999
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI064070	HIGHLY EFFECTIVE NEUTRALIZING ANTIBODIES AGAINST SHIV	\$577,416
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069518	THE MALAWI CLINICAL TRIALS UNIT	\$10,899,286
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI070630	MOUSE ALLERGEN AND INNER-CITY ASTHMA	\$390,546
2008	JOHNS HOPKINS UNIVERSITY	MD	R37AI041908	HIV-1 GENE PRODUCTS/TARGETED/MHC II ANTIGEN PRESENTATION	\$402,210
2008	JOHNS HOPKINS UNIVERSITY	MD	K01AI066994	EPIDEMIOLOGIC STRATEGIES FOR TUBERCULOSIS CONTROL	\$115,289
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI065612	MICROBIAL RECOGNITION BY INNATE IMMUNE RECEPTORS	\$276,259

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2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI019716	DEVELOPMENT OF A LIVE ORAL CHOLERA VACCINE	\$423,617
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U54AI057168	MIDDLE ATLANTIC REGIONAL CENTER FOR EXCELLENCE FOR BIODEFENSE AND EMERGING INFECT	\$9,088,273
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI072093	SCREENING AND RISK FACTORS FOR COGENITAL CHAGAS DISEASE IN BOLIVIA	\$158,933
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI038985	MOLECULAR MECHANISMS OF IL-4 AND IL-13 SIGNALING	\$353,635
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI051417	POLYMORPHIC MEMBRANE PROTEINS OF CHLAMYDIA TRACHOMATIS	\$307,528
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	T32AI007524	Fellowship Training Program in Vaccinology	\$250,090
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI007417	Training: Molecular & Cellular Bases of Infectious Diseases	\$316,297
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI070346	DEV. OF OPTIMIZED/ADJUVANTED SMALLPOX DNA VACCINE (GENE GUN)	\$283,512
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069918	North American AIDS Cohorts Collaboration on Research and Design (NAACCORD) Renewal	\$1,647,789
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI073654	RECOGNITION OF SELF AND MUTATED SELF BY AUTOIMMUNE AND TUMOR-SPECIFIC TCRS	\$405,000
2008	SANARIA INC	MD	R43AI077262	IMPROVING PRODUCTION OF ATTENUATED MALARIA SPOOROZITE VACCINES THROUGH GENETIC MO	\$300,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI077486	Extensively Drug-Resistant Tuberculosis Among Gold Miners in South Africa	\$669,497
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI072265	Targeting Siglec-8/-F to treat eosinophil and mast cell related disorders	\$402,210
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI072537	CMV-SPECIFIC T-CELL IMMUNITY IN LUNG TRANSPLANT RECIPIENTS	\$201,105
2008	JOHNS HOPKINS UNIVERSITY	MD	K08AI074907	MOLECULAR EPIDEMIOLOGY OF PRIMARY CMV INFECTION	\$134,325
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI071821	HIV-1 SUBTYPE B TRANSMISSION IN A HETEROSEXUAL INCIDENT COHORT	\$187,500
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI070823	FUNCTION OF NADPH OXIDASE(S) IN T LYMPHOCYTES	\$294,300
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R56AI043615	AUTOTRANSPORTERS OF ENTEROBACTERIACEAE	\$417,760
2008	JOHNS HOPKINS UNIVERSITY	MD	R03AI078358	CMV REPLICATION DURING PRIMARY INFECTION IN LUNG TRANSPLANT RECIPIENTS	\$82,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI077394	RACIAL DISPARITY IN GAMMA/DELTA T CELLS	\$75,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI068922	MOLECULAR MECHANISM OF SIF FORMATION BY SALMONELLA TYPHIMURIUM	\$235,995

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	GENVEC INC	MD	R43AI077147	PRECLINICAL TESTING OF AN ADENOVIRAL VECTOR BASED HSV-2 VACCINE	\$300,000
2008	MARYLAND STATE DEPARTMENT OF HEALTH & MENTAL HYGIENE	MD	R21AI076684	FUNCTION OF SELECTED VECTOR-INDUCED B. BURGENDORFERI GENE-PRODUCTS	\$184,375
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI072732	INHIBITION OF ANTHRAX LETHAL FACTOR BY ALPHA-DEFENSINS	\$367,875
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI053668	Entry Mechanisms used by a model retrovirus	\$362,500
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI069447	INSTITUTE OF HUMAN VIROLOGY CLINICAL TRIALS UNIT	\$992,201
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI063184	DENDRITIC CELLS AND IGE IN ASTHMA	\$381,367
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI055912	HEME OXYGENASE: STRUCTURE, FUNCTION AND PATHOGENESIS	\$241,727
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI045774	PLASMODIUM FALCIPARUM METAL METABOLISM	\$316,724
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI072291	TRANSCYTOSIS OF FLAGELLIN ACROSS AIRWAY EPITHELIA	\$182,098
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI029471	RECOMBINANT & LIVE ORAL SALMONELLA TYPHI HYBRID VACCINES	\$619,162
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069465	JOHNS HOPKINS AIDS CLINICAL TRIALS UNIT	\$1,457,566
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI043885	HIV-1 FUSION CORECEPTORS	\$281,840
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI044063	MODE OF ACTION OF PYRAZINAMIDE IN TUBERCLE BACILLUS	\$305,094
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI047990	Structure and Function of Natural Killer Cell Receptors	\$276,259
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060767	Targeting of host vesicles to the vacuole of Toxoplasma and lipid cargo sorting	\$304,164
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059223	SHIGELLA DYSENTERIAE VACCINE CONSTRUCTION	\$353,635
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI063764	Role of DM in Generation of Immunodominant Epitope (s)	\$351,491
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U19AI065683	MALARIA VACCINE TRIALS IN MALI	\$1,039,899
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI067632	INNATE ANTIVIRAL RESPONSE AND PREDISPOSITION TO NEOPLASIA IN IRF-5 DEFICIENT MOUS	\$390,546
2008	MACROGENICS INC	MD	U01AI070504	COCKTAIL OF NEUTRALIZING MABS FOR SMALLPOX PREVENTION	\$1,975,114
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI070638	DEVELOPMENT OF AN ADHESIN-TOXOID CHIMERA VACCINE FOR ENTEROTOXIGENIC E. COLI	\$838,409
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI069568	STAPHYLOCOCCUS AUREUS BIOFILMS: IN VITRO AND IN VIVO STUDIES	\$364,196

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2008	CYTO PULSE SCIENCES, INC	MD	R44AI055212	DNA VACCINE DELIVERY SYSTEM FOR BIODEFENSE WITH DENGUE	\$186,835
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI007291	Research Training in Microbial Diseases	\$301,456
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI050056	Johns Hopkins Training Program in STI's	\$212,860
2008	JOHNS HOPKINS UNIVERSITY	MD	T35AI065385	JOHNS HOPKINS SHORT TERM TRAINING GRANT IN INFECTIOUS AND TROPICAL DISEASES IN PE	\$67,970
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI079853	IMMUNE CELL RESPONSES IN FOOD HYPERSENSITIVITY	\$246,000
2008	SEQUELLA, INC	MD	R43AI077167	DEVELOPMENT OF A PHAGE-BASED NUCLEIC ACID AMPLIFICATION DIAGNOSTIC FOR THE RAPID	\$244,346
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI017828	Murine Typhus: Vector Biology and Transmission	\$543,076
2008	JOHNS HOPKINS UNIVERSITY	MD	R56AI013718	HERPESVIRUS PROTEIN SYNTHESIS AND VIRION ASSEMBLY	\$410,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI070594	A COMPARATIVE GENOMICS AND TRANSGENIC APPROACH TO REGULATION OF IL-10 EXPRESSION	\$402,210
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI074790	A LASSA VACCINE IN PRIMATES WITH AIDS	\$187,500
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI067371	GENETIC BASIS OF WNV VECTOR COMPETENCE IN CULEX TARSALIS	\$402,210
2008	PROTEIN POTENTIAL LLC	MD	R43AI077260	RECOMBINANT PLASODIUM FALCIPARUM CELTOS VACCINE	\$299,998
2008	AFG BIOSOLUTIONS INC	MD	R43AI078571	INHALED NISIN AS AN EMERGENCY INTERVENTION AGAINST ANTIBIOTIC SENSITIVE OR RESIST	\$299,798
2008	JOHNS HOPKINS UNIVERSITY	MD	R03AI072583	MOLECULAR EPIDEMIOLOGY OF PRIMARY CMV INFECTION	\$80,442
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI078412	High Potency HIV-1 Broadly Cross-Reactive Neutralization	\$591,578
2008	UNIVERSITY OF MARYLAND	MD	R01AI049383	MODULATING HOST RESPONSES TO BACTERIAL PRODUCTS	\$291,357
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI057481	PROTEIN REDISTRIBUTION IN TCR-DIRECTED NF-KB ACTIVATION	\$324,701
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI027877	ONTOGENY AND PHYLOGENY OF THE MHC	\$385,484
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060481	HIV VACCINES BASED ON GP120-CD4 MIMETIC COMPLEXES	\$345,323
2008	VIRION SYSTEMS, INC	MD	R01AI057575	THE ROLE OF TLR4 AND RSV F PROTEIN IN IMMUNITY TO RSV	\$495,850
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI044102	Anaplasma regulation of host granulocyte function	\$282,078

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2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI044824	CLINICAL TRIAL OF CHLOROQUINE COMBINATIONS IN MALAWI	\$731,625
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI077029	MEMORY CD4 T CELL-MEDIATED IMMUNOPATHOLOGY IN INFLUENZA INFECTION	\$220,725
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI066870	LYMPHOCYTES AND THE IMMUNE SYSTEM MOLECULAR, CELLULAR AND INTERACTIVE MECHANISMS	\$1
2008	JOHNS HOPKINS UNIVERSITY	MD	F32AI068212	PLASMODIUM CARBOHYDRATE RECEPTORS IN ANOPHELES GAMBIAE	\$52,048
2008	JOHNS HOPKINS UNIVERSITY	MD	U19AI070345	EFFICACY OF IGE IN MEDIATING ALLERGIC REACTIONS IN VIVO	\$1,130,849
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R21AI077059	VACCINIA INHIBITION OF GD T CELLS IS A IMMUNE EVASION MECHANISM	\$172,525
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI068508	MECHANISMS FOR SIV EVASION OF VACCINE IMMUNITY: ROLE OF FASL-MEDIATED CELL DEATH	\$513,083
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI078835	STATISTICAL METHODS FOR HIV/AIDS RESEARCH	\$442,138
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI058156	ANALYSIS OF LAG-3 IN REGULATORY T CELL FUNCTION	\$321,523
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI067386	RICKETTSIA RICKETTI AND RICKETTSIA-LIKE ORGANISMS IN MARYLAND	\$240,880
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI070018	IMMUNE RECONSTITUTION OF HIV-1 INFECTED ZAMBIAN CHILDREN INITIATING ANTIRETROVIRA	\$356,268
2008	INTEGRATED BIOTHERAPEUTICS INC	MD	U01AI078023	Therapeutic Human Monoclonal Antibodies Against Staphylococcal Enterotoxin B (SEB	\$719,179
2008	RADIX PHARMACEUTICALS INC	MD	R43AI081308	PRE-CLINICAL EVALUATION OF ANTIMALARIAL NATURAL PRODUCTS FROM CARICA PAPAYA L.	\$300,000
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R37AI020148	Pathogenicity of Shiga Toxin Producing E.coli	\$392,293
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI071769	REGULATION OF ANTIVIRAL APOBEC3G AND APOBEC3F BY INTERFERONS	\$201,105
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K01AI071015	EPIDEMIOLOGY OF RESISTANT BACTERIA IN ACUTE-CARE AND LONG-TERM CARE FACILITIES	\$123,876
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI007056	BASIC AND CLINICAL IMMUNOLOGY	\$246,335
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI065529	REGULATORY NETWORKS OF HELICOBACTER PYLORI	\$374,742
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI067449	PREVALENCE AND EPIDEMIOLOGY OF HEPATITIS E VIRUS IN THE UNITED STATES	\$105,948
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI044129	ANTIGEN SPECIFIC MODULATION OF T CELL RESPONSES	\$305,094

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2008	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R01AI059369	CHARACTERIZING THE PHENOTYPE OF STAPHYLOCOCCAL BIOFILMS	\$358,486
2008	JOHNS HOPKINS UNIVERSITY	MD	R37AI034885	Peroxides for Chemotherapy of Malaria and Cancer	\$406,237
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI044033	Molecular Genetic Analysis of Chlamydia Pathogenicity	\$288,623
2008	JOHNS HOPKINS UNIVERSITY	MD	K24AI001637	CLINICAL RESEARCH IN TUBERCULOSIS	\$155,375
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI052468	IMMUNOGENETIC ANALYSIS OF HUMAN IMMUNE RESPONSE TO ALLERGENS	\$410,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI036973	Gene regulation and virulence in TB	\$381,367
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI054952	VACCINE-ENHANCED RESPIRATORY SYNCYTIAL VIRUS DISEASE	\$343,232
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI037856	M.tb Survival Regulatory Genes	\$380,205
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059775	REGULATION OF MYELOID DEVELOPMENT AND FUNCTION BY IL-4	\$310,793
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI059733	GIARDIA DRUG TARGETS: STRUCTURE, FUNCTION AND INHIBITORS	\$574,390
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI065983	CELLULAR BASIS FOR THE ANTIFUNGAL ACTIVITY OF AMIODARONE	\$405,147
2008	UNIVERSITY OF MARYLAND	MD	R01AI055576	INNATE AND ADAPTIVE IMMUNE RESPONSES TO LEISHMANIA	\$310,793
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI061576	Dissection of Anopheles Responses to Plasmodium Infected Blood	\$381,367
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMEN'L BIOLOGY	MD	R13AI069885	FASEB CONFERENCE ON VIRUS ASSEMBLY	\$5,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	K23AI065759	IMMUNOLOGICAL CORRELATES OF PROTECTION IN SHIGELLOSIS	\$161,334
2008	SANARIA INC	MD	R44AI058375	Universal Attenuated Sporozoite Vaccine and Challenge System	\$990,720
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI052071	Research Training in Pediatric Infectious Diseases	\$112,384
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067954	IMMUNOLOGIC DETERMINANTS OF SCHISTOSOMA-MEDIATED RESISTANCE TO MALARIA IN HUMANS	\$246,750
2008	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068632	INTERNATIONAL MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS (IMPAACT) GROUP	\$19,615,074
2008	JOHNS HOPKINS UNIVERSITY	MD	R18AI044840	AIRWAY DISEASE AND COCKROACH EXPOSURE IN PUBLIC HOUSING	\$289,096
2008	UNIVERSITY OF MARYLAND	MD	R13AI046078	Institute of Human Virology Annual Meeting 2005-2010	\$68,000
2008	UNIVERSITY OF MARYLAND	MD	R01AI047928	PRD-Containing Virulence Regulators of Pathogenic Streptococci	\$282,907
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI070921	GENOMIC TOOLS FOR STUDYING THE ECOLOGY OF THE HUMAN VAGINAL MICROFLORA	\$711,813

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2008	IMQUEST BIOSCIENCES INC	MD	U19AI077289	LONG ACTING ACCEPTABLE MICROBICIDES: NOVEL DELIVERY, ACTIVITY AND PHARMACODYNAMIC	\$1,374,317
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI076564	MECHANISMS OF ANTIVIRAL INNATE IMMUNITY IN DROSOPHILA MELANOGASTER	\$337,500
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI077910	BIVALENT RECOMBINANT LHN BOTULINUM VACCINE (SEROTYPES A AND B)	\$711,872
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI073259	HIV AND RELATED HIGH-RISK BEHAVIORS AMONG COMMERCIAL SEX MALE CLIENTS IN CHINA	\$214,957
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI072502	Immune responses of the epithelium in chronic rhinosinusitis with polyps	\$402,210
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	F32AI078655	VALIDATING METABOLIC PATHWAYS IN THE INTRACELLULAR PATHOGEN CHLAMYDIA TRACHOMATIS	\$46,826
2008	SEQUELLA, INC	MD	R21AI070982	INVESTIGATION OF SYNERGY BETWEEN RIFAMPIN AND SQ109, A NEW ANTI-TB DRUG CANDIDATE	\$202,331
2008	IMQUEST BIOSCIENCES INC	MD	R33AI076967	RATIONAL DEVELOPMENT OF COMBINATION MICROBICIDE THERAPIES	\$544,830
2008	JOHNS HOPKINS UNIVERSITY	MD	R03AI071763	STRUCTURAL MODELS TO BRIDGE OBSERVATIONAL AND RANDOMIZED EVIDENCE: HAART AND AIDS	\$19,511
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI047466	Immunopathogenesis of Lupus	\$384,750
2008	UNIVERSITY OF MARYLAND	MD	K22AI065828	SMALL MOLECULE INHIBITORS OF BACTERIAL SECRETION SYSTEM	\$108,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI055359	DOT-HAART FOR HIV-INFECTED SOUTH AFRICAN ADULTS	\$514,599
2008	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI038858	ADULT ACTG CENTRAL GROUP	\$258,060
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI060990	RNA-BINDING PROTEIN HUR IN ALLERGIC INFLAMMATION	\$381,367
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI042590	WIHS Data Management and Analysis Center (WDMAC)	\$2,154,090
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI064826	IDENTIFICATION OF NOVEL IMMUNE CELL- THE NKDC	\$390,546
2008	JOHNS HOPKINS UNIVERSITY	MD	K23AI068582	DOT-HARRT FOR HIV-INFECTED SOUTH AFRICAN ADULTS	\$129,060
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI042221	DIFFERENTIAL CYTOKINE SECRETION BY HUMAN BASOPHILS	\$304,164
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI059118	GENERATION OF GENETICALLY ATTENUATED RICKETTSIAE	\$414,654
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI043222	Latent Viral Reservoirs in HIV 1 Infection	\$228,123

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2008	AMERICAN FOUNDATION FOR BIOLOGICAL RESEARCH	MD	R01AI063480	A GENE MAP FOR BIOMPHALARIA GLABRATA, A S. MANSONI HOST	\$567,603
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI020253	REGULATION OF SECRETION FROM HUMAN BASOPHILS	\$424,473
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066335	MECHANISMS OF GALT KO LUNG XENOGRAFT INJURY	\$443,543
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069530	MAKERERE UNIV.-JOHNS HOPKINS UNIV. HIV CLINICAL TRIALS UNIT-KAMPALA, UGANDA	\$6,468,218
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI064372	VIRUS-LIKE PARTICLE VACCINE FOR SARS-COV	\$390,546
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI062644	ROLE OF CUL5 E3 UBIQUITIN LIGASE IN HIV VIF FUNCTION	\$304,164
2008	JOHNS HOPKINS UNIVERSITY	MD	K08AI058993	DEFINING MOXIFLOXACIN AS A FIRST-LINE TB DRUG	\$129,330
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI071820	HEPATITIS B TREATMENT AND HIV INFECTION IN RESOURCES LIMITED SETTINGS	\$392,200
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI048526	NOVEL TB PREVENTION REGIMENS FOR HIV-INFECTED ADULTS	\$573,817
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI062446	HIV VACCINES ON LATENT RESERVOIRS IN YOUNG ADULTS ON HAART	\$390,546
2008	EMMES CORPORATION	MD	U01AI066560	CoFAR Statistical and Clinical Coordinating Center	\$1,080,346
2008	SOCIAL & SCIENTIFIC SYSTEMS, INC	MD	U01AI068636	AIDS CLINICAL TRIALS GROUP NETWORK	\$36,767,085
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI072312	ASSEMBLY AND RELEASE OF THE SARS CORONAVIRUS	\$201,105
2008	JOHNS HOPKINS UNIVERSITY	MD	K08AI071072	MODIFIED AUTOANTIGENS ENGAGE THE INNATE IMMUNE RESPONSE IN SYSTEMIC AUTOIMMUNITY	\$129,007
2008	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC	MD	U01AI078169	DEVELOPMENT OF A NEXT GENERATION ANTHRAX VACCINE, AV7909	\$1,471,421
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI061482	MOLECULAR BASIS OF HUMAN NEUTROPHIL A-DEFENSIN FUNCTION	\$348,812
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI069497	BYRAMEE JEEJEEBHOY MEDICAL COLLEGE (BJMC), PUNE, INDIA: CLINICAL TRIALS UNIT	\$1,164,387
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI074005	TESTING MODIFIED APPROACHES TO INFORMED CONSENT	\$246,000
2008	FEDERAT'N OF AMERICAN SOCIETIES FOR EXPERIMENT'L BIOLOGY	MD	R13AI079892	IMMUNORECEPTORS	\$13,000
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI075115	CIRCUMCISION: HIV/STIS AND BEHAVIORS IN A RCT AND POST-RCT SURVEILLANCE; RAKAI	\$1,557,861
2008	ANJIN GROUP INC	MD	R43AI076205	FURTHER ANALYSIS OF A VLS MODIFIED IL-2 RECEPTOR TARGETED TOXIN	\$147,459
2008	UNIVERSITY OF MARYLAND	MD	R01AI072584	MECHANISM OF HOST CELL APOPTOSIS INHIBITION BY MYCOBACTERIUM TUBERCULOSIS	\$143,751

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2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI060859	EPIDEMIOLOGY OF EMERGING PATHOGENS AMONG HOSPITALIZED PATIENTS	\$138,129
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI067111	HIV-1 GLYCOPEPTIDES AS IMMUNOGENS	\$353,635
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	K22AI071812	CD4 T CELLS AND ANTI-VIRAL CONTROL IN SIV INFECTION	\$108,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI063080	ROLE OF PERTUSSIS TOXIN IN BORDETELLA PERTUSSIS INFECTION	\$353,635
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI065760	IMMUNE RESPONSES TO BIODEFENSE VACCINES EARLY IN LIFE	\$353,635
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI058613	STRUCTURE AND SYNTHESIS OF DNA	\$740,636
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI011676	PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	\$345,323
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI065853	ROLES OF LIPOATE PATHWAYS IN PLASMODIUM SURVIVAL	\$390,546
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI066227	MODULATION OF SCHISTOSOME DEVELOPMENT BY T CELL SIGNALS	\$360,779
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R21AI073391	DEVELOPMENT OF MHC-BASED THERAPEUTICS FOR SUPERANTIGEN-INDUCED TOXIC SHOCK	\$182,098
2008	JOHNS HOPKINS UNIVERSITY	MD	R37AI023764	CELL BIOLOGY OF IMMUNE INTERACTIONS	\$443,797
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI057490	MECHANISMS AND CONSEQUENCES OF TLR SIGNAL TRANSDUCTION	\$241,727
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R37AI036900	STRUCTURE AND FUNCTION OF T CELL ANTIGEN RECEPTORS	\$310,793
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI067530	BIOCHEMISTRY OF PHENAZINE PRODUCTION IN PSEUDOMONAS AERUGINOSA	\$282,907
2008	UNIVERSITY OF MARYLAND	MD	R21AI073139	AIDS VACCINE STRATEGY USING IGG TRANSFER PATHWAY	\$183,938
2008	JOHNS HOPKINS UNIVERSITY	MD	K23AI060384	CLINICAL ALGORITHMS TO MONITOR HIV TREATMENT IN UGANDA	\$133,920
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI047938	PSEUDOMONAS AERUGINOSA LIPID A	\$321,486
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI066719	Immunomodulation for Heart Allograft Tolerance	\$688,794
2008	MARYLAND BIOTECHNOLOGY INSTITUTE	MD	R01AI070812	GENE DRIVE POTENTIAL OF TRANSPOSABLE ELEMENTS IN ANOPHELES GAMBIAE.	\$318,271
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI061487	ROLE OF NATURAL AUTOANTIBODIES IN AUTOIMMUNE DISEASE	\$310,793
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI007247	Cellular and Molecuar Mechanisms of Immune Inflammatory Reactions	\$692,218
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI072592	MEMORY T LYMPHOCYTE-MEDIATED INNATE IMMUNITY	\$361,989

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	GENVEC INC	MD	R43AI075686	ADENOVIRUS VECTORS FOR RESPIRATORY SYNCYTIAL VIRUS VACCINATION	\$300,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI075025	IL-13 ATOPIC DERMATITIS AND ITS RELATIONSHIP WITH THE DEVELOPMENT OF ASTHMA	\$410,000
2008	JOHNS HOPKINS UNIVERSITY	MD	T32AI007007	Research Training in Pediatric Allergy and Immunology	\$177,334
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI068613	HIV PREVENTION TRIALS NETWORK: NETWORK LABORATORY	\$3,273,493
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R03AI076942	CELLULAR THERAPY OF AUTOIMMUNITY USING ANTIGEN-EXPRESSING B CELLS	\$75,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI073610	ROLE OF C-TYPE LECTIN RECEPTORS IN FOOD ALLERGY	\$160,884
2008	PROFECTUS BIOSCIENCES INC	MD	R43AI078585	RAPAMYCIN ENHANCED EFFICACY OF SMALL-MOLECULE HIV ENTRY INHIBITORS	\$293,564
2008	UNIVERSITY OF MARYLAND	MD	R01AI065892	TRANSCYTOSIS OF IGG IN GENITAL INFECTIONS	\$254,937
2008	JOHNS HOPKINS UNIVERSITY	MD	P01AI072677	ANTIGEN RECEPTOR INPUTS: LINKING STRUCTURAL, MOLECULAR, AND CELLULAR RESPONSES	\$1,953,563
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI079740	MUCUS-PENETRATING NANOPARTICLES FOR SUSTAINED MICROBICIDE DELIVERY	\$205,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R34AI079315	A RANDOMIZED, CONTROLLED CLINICAL TRIAL OF CHLOROQUINE AS CHEMOPROPHYLAXIS VERSUS	\$231,000
2008	JOHNS HOPKINS UNIVERSITY	MD	R56AI068052	PLASMODIUM RECOMBINATION OF MACHINERY	\$404,880
2008	SEQUELLA, INC	MD	R44AI066442	NOVEL MYCOBACTERIAL TRANSLOCASE I INHIBITORS - A NEW CLASS OF ANTI-TB DRUGS	\$793,901
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI076798	ROLE OF CHEMOKINES IN ASTRO-NEURONAL ACTIVATION IN CEREBRAL MALARIA	\$205,000
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI045462	PREVENTION OF MATERNAL-TO-INFANT HIV TRANSMISSION/INDIA	\$49,623
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI049316	GI NEMATODES AND GUT FUNCTIONAL RESPONSES TO INFLAMMATION	\$375,000
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI036525	Immune Mechanisms of Protection in S. Typhi Vaccines	\$439,396
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI032074	THE EAE GENE CLUSTER OF ENTEROPATHOGENIC E. COLI	\$250,001
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI066025	Biochemistry of Intramembrane Proteases Applied to Protozoan Parasites	\$343,232
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R01AI033096	Virulence in Enteroaggregative Escherichia coli	\$431,038
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R37AI021657	Molecular Genetics of Enteropathogenic E. Coli Adhesion	\$440,977

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2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	R01AI046438	LIVER MEMORY CD8 T CELLS IN PROTECTION TO MALARIA	\$345,027
2008	UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS	MD	R37AI030917	NMR Studies of HIV-1 Proteins	\$304,369
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI066726	DUET CERVICAL BARRIER DEVICE FOR MAXIMIZING PROTECTIVE EFFICACY OF MICROBICIDES	\$262,235
2008	UNIVERSITY OF MARYLAND	MD	R01AI059617	THE ACTIN CYTOSKELETON IN BETA CELL ACTIVATION	\$247,544
2008	UNIVERSITY OF MARYLAND	MD	R01AI064307	CHARACTERIZATION OF THE SARSCOV FRAMESHIFT SIGNAL	\$378,969
2008	JOHNS HOPKINS UNIVERSITY	MD	U19AI045432	INNOVATIVE APPROACHES TO TUBERCULOSIS CONTROL	\$893,064
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI056990	A RANDOMIZED TRIAL OF HAART IN ACUTE/EARLY HIV INFECTION	\$634,301
2008	PROFECTUS BIOSCIENCES INC	MD	R43AI079930	UNIVERSAL INFLUENZA DNA VACCINE WITH NOVEL TOLL-LIKE RECEPTOR ADJUVANTS	\$256,171
2008	JOHNS HOPKINS UNIVERSITY	MD	U01AI061252	M2 PEPTIDE BASED VACCINES AGAINST INFLUENZA	\$538,677
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI047089	A DNA Vaccine to Prevent Transmission of Human Malaria	\$388,975
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	R34AI079284	RANDOMIZED, CONTROLLED TRIAL OF DAILY TRIMETHOPRIM-SULFAMETHOXAZOLE OR WEEKLY CHL	\$216,500
2008	GENVEC INC	MD	R43AI077309	NOVEL AD5 MALARIA VACCINE THAT CIRCUMVENTS PRE-EXISTING AD5 IMMUNITY	\$299,889
2008	JOHNS HOPKINS UNIVERSITY	MD	R56AI079132	ORAL IMMUNIZATION AGAINST MALARIA WITH RECOMBINANT ADENOVIRUSES	\$622,787
2008	UNIVERSITY OF MARYLAND BALTIMORE PROFESSIONAL SCHOOLS	MD	U01AI075778	NEW THERAPEUTICS FOR SHIGA TOXIN-E. COLI DISEASE.	\$754,653
2008	HENRY M JACKSON FDN FOR ADVANCEMENT OF MILITARY MED	MD	U01AI077995	VACCINES AND THERAPEUTICS FOR NIPAH AND HENDRA VIRUS	\$1,153,911
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI073619	DEVELOPMENT OF A MALARIA DNA VACCINE WITH ENCHANCED IMMUNOGENICITY	\$246,000
2008	IMQUEST BIOSCIENCES INC	MD	R43AI078858	MECHANISM OF ACTION OF NOVEL DUAL ACTIING PYRIMIDINEDIONES	\$272,483
2008	JOHNS HOPKINS UNIVERSITY	MD	R21AI072186	OXYGEN SENSING AND ADAPTATION TO HOST TISSUE HYPOXIA IN C. NEOFORMANS	\$201,105
2008	JOHNS HOPKINS UNIVERSITY	MD	R01AI079590	PK/PD EVALUATION RESISTANCE DEVELOPMENT IN CASEATING GRANULOMA	\$615,040
2008	CELLEX INC	MD	R43AI077117	AN ASSAY FOR RAPID AND SENSITIVE FLU VIRUS DETECTION	\$196,100

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2008	SANARIA INC	MD	R44AI058499	IMPROVING MANUFACTURING AND POTENCY OF CRYOPRESERVED MALARIA SPOROZOITE VACCINE	\$999,968
2008	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	R15AI078421	TLR SIGNALING PATHWAYS IN THE ZEBRAFISH	\$222,750
2008	UNIVERSITY OF MAINE, PORTLAND-GORHAM	ME	K25AI065459	THE ROLE OF RAFTS IN VIRUS-INDUCED MEMBRANE REMODELING	\$136,538
2008	JACKSON LABORATORY (THE)	ME	K08AI060707	NOVEL GENE CONTROL OF LYMPHOID TISSUE DEVELOPMENT	\$101,726
2008	UNIVERSITY OF MICHIGAN	MI	R01AI071727	Mechanisms that determine subcellular sites of HIV-1 assembly	\$330,284
2008	UNIVERSITY OF MICHIGAN, SCHOOL OF MEDICINE	MI	K08AI071090	MECHANISMS OF INTRASPECIES COMPETITION IN STREPTOCOCCUS PNEUMONIAE.	\$75,798
2008	UNIVERSITY OF MICHIGAN	MI	T32AI049816	INTERDISCIPLINARY TRAINING PROGRAM IN INFECTIOUS DISEASES	\$173,994
2008	UNIVERSITY OF MICHIGAN	MI	R01AI061531	MECHANISM OF A5P ISOMERASE	\$361,970
2008	UNIVERSITY OF MICHIGAN	MI	R01AI035950	MANIPULATION OF PHAGOCYTOSIS IN MACROPHAGE	\$246,833
2008	UNIVERSITY OF MICHIGAN	MI	R01AI062749	VIRUS-HOST INTERACTIONS IN REPLICATION COMPLEX ASSEMBLY	\$278,572
2008	UNIVERSITY OF MICHIGAN	MI	R01AI063331	Cryopyrin/NLRP3 Signaling in Inflammation and Innate Immunity	\$331,138
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI060761	ARABIDOPSIS BASAL INNATE IMMUNITY TO BACTERIAL INFECTION	\$347,413
2008	UNIVERSITY OF MICHIGAN	MI	R01AI046998	MOLECULAR MECHANISMS OF HIV'S IMMUNE EVASION	\$316,183
2008	MICHIGAN STATE UNIVERSITY	MI	U01AI045955	REDEFINING CEREBRAL MALARIA	\$469,870
2008	UNIVERSITY OF MICHIGAN	MI	R01AI049541	A MICROFABRICATION DEVICE FOR RAPID, PORTABLE, VIRAL GENOME ANALYSIS	\$435,935
2008	MICHIGAN STATE UNIVERSITY	MI	F32AI080136	HIGH RESOLUTION STRUCTURE OF THE HIV GP41 PROTEIN	\$46,826
2008	MICHIGAN STATE UNIVERSITY	MI	K23AI079402	USING PRIMARY ENDOTHELIALS AND PARASITE ISOLATES TO STUDY SEQUESTRATION IN MALARIA	\$134,514
2008	UNIVERSITY OF MICHIGAN	MI	R56AI073677	IMMUNE REGULATION BY THYMOCYTE-SELECTED CD4 T CELLS	\$356,978
2008	AUREOGEN BIOSCIENCES INC	MI	R43AI079890	GENERATION OF NOVEL DRUGS AGAINST DRUG RESISTANT BACTERIA THROUGH ENGINEERING OF	\$286,746
2008	HENRY FORD HEALTH SYSTEM	MI	R01AI061774	MECHANISM OF ENDOTOXIN'S EFFECT ON ALLERGY RISK	\$569,961
2008	UNIVERSITY OF MICHIGAN	MI	R01AI059201	ROLE OF OXYLIPINS IN CRYPTOCOCCAL PATHOGENESIS	\$310,056
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI048758	Defining relevant targets of the DNA dependent protein kinase	\$379,375

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2008	UNIVERSITY OF MICHIGAN	MI	R01AI054515	STRUCTURE AND FUNCTION OF ANTIMICROBIAL PEPTIDES	\$245,006
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064296	How polyomaviruses penetrate the ER membrane	\$276,037
2008	UNIVERSITY OF MICHIGAN	MI	R01AI037141	APOPTOSIS IN THYROIDITIS	\$340,640
2008	UNIVERSITY OF MICHIGAN	MI	R01AI044076	TPN Induced Changes in Intraepithelial Lymphocytes	\$278,959
2008	UNIVERSITY OF MICHIGAN	MI	R01AI076057	DNA SEQUENCES INVOLVED IN THE HEAVY CHAIN SWITCH	\$371,992
2008	UNIVERSITY OF MICHIGAN	MI	R01AI061469	ROLES OF CD40 AND CD40 LIGAND IN ALLOGRAFT REJECTION	\$302,818
2008	UNIVERSITY OF MICHIGAN	MI	U01AI069491	CLINICAL OUTCOMES OF LIVE ORGAN DONORS - DATA COORDINATING CENTER	\$521,059
2008	UNIVERSITY OF MICHIGAN	MI	R01AI057505	PROTECTION OF MICE FROM LETHAL ALPHAVIRUS ENCEPHALITIS	\$287,594
2008	VAN ANDEL RESEARCH INSTITUTE	MI	R01AI064634	CHROMATIN AND COACTIVATORS IN HSV-1 GENE REGULATION	\$357,084
2008	UNIVERSITY OF MICHIGAN	MI	R56AI043460	CHEMOKINE RECEPTOR DYNAMICS IN GRANULOMA FORMATION	\$252,000
2008	UNIVERSITY OF MICHIGAN	MI	R01AI073876	TLR AND NOTCH LIGAND IN RSV-INDUCED DISEASE	\$372,200
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI061471	GENETIC & EPIDEMIOLOGIC COHORT STUDY OF ASTHMA & ALLERGY	\$355,632
2008	UNIVERSITY OF MICHIGAN	MI	R01AI047173	TARGETED SUBCELLULAR DELIVERY OF OLIGONUCLEOTIDES AND PROTEINS	\$286,811
2008	HENRY FORD HEALTH SYSTEM	MI	R01AI051598	ETIOLOGY OF PEDIATRIC ATOPY	\$573,499
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI063944	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION	\$323,629
2008	UNIVERSITY OF MICHIGAN	MI	R01AI066975	Targeting HIV-1 Regulatory RNA Elements	\$241,499
2008	UNIVERSITY OF MICHIGAN	MI	T32AI007413	Research Training in Experimental Immunology	\$367,192
2008	UNIVERSITY OF MICHIGAN	MI	R01AI075087	REGULATION OF VIBRIO CHOLERAEE VIRULENCE BY TOXR AND TCPP	\$288,240
2008	UNIVERSITY OF MICHIGAN	MI	R01AI078752	HIV RISK DYNAMICS, GENETIC PATTERNS, AND CONTROL	\$481,300
2008	UNIVERSITY OF MICHIGAN	MI	R21AI068749	NORMAL AND ABERRANT SWITCH RECOMBINATION TO THE MURINE ALPHA HEAVY CHAIN GENE	\$220,515
2008	MICHIGAN STATE UNIVERSITY	MI	K02AI080225	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1	\$103,751
2008	WAYNE STATE UNIVERSITY	MI	R01AI072406	IMPACT OF CANDIDA OXYLIPINS ON HOST IMMUNITY AND FUNGAL BIOLOGY	\$314,890
2008	UNIVERSITY OF MICHIGAN	MI	R01AI066131	CALRETICULIN'S FUNCTIONS IN THE ADAPTIVE IMMUNE RESPONSE	\$331,259
2008	AUREOGEN BIOSCIENCES INC	MI	R43AI075829	GENERATION OF NOVEL HCV DRUGS THROUGH ENGINEERING OF THE CSSA GENE	\$300,000

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2008	MICHIGAN STATE UNIVERSITY	MI	R01AI034969	CLINICOPATHOLOGICAL CORRELATES OF CEREBRAL MALARIA	\$349,722
2008	HENRY FORD HEALTH SYSTEM	MI	K01AI070606	REGULATORY T CELLS IN GESTATION AND CHILDHOOD ALLERGIC DISEASE	\$106,023
2008	UNIVERSITY OF MICHIGAN	MI	R01AI044212	ANALYSIS OF L. PNEUMOPHILIA VIRULENCE REGULATION	\$241,023
2008	UNIVERSITY OF MICHIGAN	MI	R01AI050038	ENVIRONMENT CHANGE AND DIARRHEAL DISEASE: A NATURAL EXPERIMENT	\$643,440
2008	UNIVERSITY OF MICHIGAN	MI	R01AI047450	MECHANISTIC STUDIES OF PRO-APOPTOTIC BENZODIAZEPINES	\$325,772
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064350	Checkpoints of Host Response to Cellular Injuries	\$354,125
2008	MICHIGAN STATE UNIVERSITY	MI	R37AI021884	Larval Mosquito Feeding and Microbial Interactions	\$367,427
2008	UNIVERSITY OF MICHIGAN	MI	R56AI076300	AUTOPHAGY AS A COMPONENT OF THE INNATE IMMUNE RESPONSE	\$377,747
2008	WAYNE STATE UNIVERSITY	MI	R13AI080052	5TH SYMPOSIUM ON POLYAMINES IN PARASITES	\$5,548
2008	HENRY FORD HEALTH SYSTEM	MI	R21AI069271	EPIDEMIOLOGY OF REGULATORY T CELLS IN PREGNANCY AND CHILDHOOD ATOPIC DISEASES	\$177,806
2008	UNIVERSITY OF MICHIGAN	MI	R01AI036302	RSV-induced DC epigenetic immune modulation	\$372,200
2008	TSRL, INC	MI	U01AI061457	ORAL ANTIVIRAL PRODRUGS FOR BIODEFENSE INITIATIVE	\$1,086,216
2008	UNIVERSITY OF MICHIGAN	MI	R01AI059722	Molecular mechanisms of uropathogenesis	\$348,946
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI047153	Solid-State NMR of Viral Fusion Peptides and Proteins	\$270,810
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064479	ROLE OF FUNGAL MICROFLORA IN MUCOSAL TOLERANCE/IMMUNITY	\$351,055
2008	UNIVERSITY OF MICHIGAN	MI	R01AI046675	Microneme function in toxoplasma	\$282,439
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064748	ROLE OF IPAF IN INFLAMMATION AND HOST DEFENSE	\$310,351
2008	UNIVERSITY OF MICHIGAN	MI	R01AI043023	ROLE OF PHAGE IN EXPRESSION & TRANSMISSION OF STX GENES	\$233,708
2008	UNIVERSITY OF MICHIGAN	MI	R01AI075284	ROLE OF APCs IN MODULATING DONOR NATURAL TREGs MEDIATED SUPPRESSION OF GVHD	\$372,559
2008	WAYNE STATE UNIVERSITY	MI	R21AI064907	REGULATION OF MICRORNA BY HUMAN CYTOMEGALOVIRUS	\$184,551
2008	WAYNE STATE UNIVERSITY	MI	R21AI076591	DEVELOPMENT OF THE HUMAN CYTOMEGALOVIRUS ASSEMBLY COMPLEX	\$225,750
2008	UNIVERSITY OF MICHIGAN	MI	R21AI079539	CURCUMIN: A MULTI-MECHANISM HIV MICROBICIDE	\$192,554
2008	UNIVERSITY OF MICHIGAN	MI	R56AI044115	INTERACTIONS AND MECHANISMS OF FUNCTION OF THE TAP COMPLEX	\$386,166

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2008	UNIVERSITY OF MICHIGAN	MI	R01AI060983	LIPID RAFT MICRODOMAINS IN NEUTROPHIL FUNCTION	\$361,970
2008	UNIVERSITY OF MICHIGAN	MI	R01AI045125	Gene Regulation by ToxR, TcpP and ToxT in V. Cholerae	\$277,844
2008	WAYNE STATE UNIVERSITY	MI	R01AI058170	METALLOID TRANSPORTERS AND DRUG RESISTANCE IN LEISHMANIA	\$201,060
2008	UNIVERSITY OF MICHIGAN	MI	R01AI060584	Parameters governing infection with BK polyomavirus	\$284,630
2008	UNIVERSITY OF MICHIGAN	MI	R01AI073847	ASSEMBLY OF CURLI FIBERS BY ESCHERICHIA COLI	\$357,242
2008	WAYNE STATE UNIVERSITY	MI	R01AI043428	METAL BINDING DOMAINS IN METALLOREGULATORY PROTEINS	\$313,276
2008	NANOVIR LLC	MI	R42AI062182	PRE-CLINICAL HPV16 ANTIVIRAL COMPOUND DEVELOPMENT	\$1,000,000
2008	UNIVERSITY OF MICHIGAN	MI	R21AI079325	CHOLINE PHOSPHOTRANSFERASE-DEPENDENT PHOSPHOLIPID SYNTHESIS IN TREPONEMA	\$266,000
2008	WAYNE STATE UNIVERSITY	MI	R03AI076568	SEGMENTED EXPRESSION OF A HUMAN CYTOMEGALOVIRUS-ENCODED HEPTASPANNING PROTEIN	\$75,250
2008	HENRY FORD HEALTH SYSTEM	MI	R56AI050681	EARLY ENVIRONMENTAL HYGIENE AND PEDIATRIC ASTHMA	\$726,177
2008	UNIVERSITY OF MICHIGAN	MI	F32AI068324	GENOMIC APPROACH TO VACCINE DESIGN FOR PROTEUS MIRABILIS	\$51,278
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI068718	Stomate-based innate immunity against bacterial infection in Arabidopsis	\$380,328
2008	UNIVERSITY OF MICHIGAN	MI	R01AI063058	MECHANISM AND REGULATION OF DNA END PROCESSING IN V(D)J RECOMBINATION AND REPAIR	\$279,700
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064668	COORDINATION OF SIGNALING DURING PHAGOCYTOSIS	\$284,630
2008	UNIVERSITY OF MICHIGAN	MI	R01AI068645	CLONING A MAJOR GENE FOR MOUSE ADENOVIRUS SUSCEPTIBILITY	\$351,795
2008	UNIVERSITY OF MICHIGAN	MI	R01AI064540	USE OF HOST DERIVED LIPOATE BY LISTERIA MONOCYTOGENES	\$273,223
2008	UNIVERSITY OF MICHIGAN	MI	R01AI025567	UREASE AND GENE EXPRESSION OF HELICOBACTER PYLORI	\$279,512
2008	UNIVERSITY OF MICHIGAN	MI	R21AI076975	THE IMPACT OF INNATE NEURONAL IMMUNITY ON NEUROTROPIC ARBOVIRUS PATHOGENESIS	\$186,390
2008	UNIVERSITY OF MICHIGAN	MI	R01AI069383	COLONIZATION AND PATHOGENICITY DETERMINANTS OF C. JEJUNI	\$374,535
2008	WAYNE STATE UNIVERSITY	MI	K22AI071011	FUNCTION OF VIBRIO CHOLERAЕ TOXT	\$108,000
2008	UNIVERSITY OF MICHIGAN	MI	R01AI051192	MOLECULAR MECHANISMS OF HIV DISEASE PATHOGENESIS	\$426,977
2008	UNIVERSITY OF MICHIGAN	MI	R01AI062248	CXC CHEMOKINES AND HIV PATHOGENESIS	\$355,788

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2008	UNIVERSITY OF MICHIGAN	MI	R01AI043363	MOLECULAR PATHOGENESIS OF E. COLI UTI	\$341,826
2008	MICHIGAN STATE UNIVERSITY	MI	R01AI066081	GENETIC DIVERSITY AND MOLECULAR EPIDEMIOLOGY OF GBS	\$280,910
2008	WAYNE STATE UNIVERSITY	MI	R21AI075239	INHIBITORS OF POLYMERASE/PROCESSIVITY FACTOR INTERACTION AS ANTI-CMV AGENTS	\$220,700
2008	UNIVERSITY OF MICHIGAN	MI	R01AI065543	PGE2 REGULATION OF HOST DEFENSE POST-BMT	\$367,012
2008	UNIVERSITY OF MINNESOTA	MN	R01AI057440	POLARITY ESTABLISHMENT MECHANISMS IN CANDIDA ALBICANS	\$359,508
2008	UNIVERSITY OF MINNESOTA	MN	R01AI062427	Genome Integrity in Candida albicans	\$341,977
2008	MAYO CLINIC	MN	R01AI065474	Regulation of Actin Dynamics During T Cell Activation	\$277,189
2008	MAYO CLINIC	MN	R01AI047536	LENTIVIRAL GENOME PROCESSING	\$277,189
2008	UNIVERSITY OF MINNESOTA	MN	T32AI007313	Immunology Training Program	\$236,058
2008	MAYO CLINIC	MN	U01AI066310	Studies in pig-to-primate cardiac xenotransplantation	\$854,812
2008	UNIVERSITY OF MINNESOTA	MN	R01AI070219	DESIGN OF ANTITUBERCULOSIS AGENTS THAT TARGET SIDEROPHORE BIOSYNTHESIS	\$284,812
2008	MAYO CLINIC	MN	T32AI007425	Ph. D. Training Program in Basic Immunology	\$146,738
2008	UNIVERSITY OF MINNESOTA	MN	U01AI069550	CLINICAL CENTER - OUTCOMES OF LIVE ORGAN DONORS	\$635,807
2008	SYNTIRON LLC	MN	R43AI071545	STAPHYLOCOCCUS AUREUS IRON-REGULATED PROTEINS AS VACCINE CANDIDATES	\$185,787
2008	MAYO CLINIC	MN	R01AI074320	CAML IN T CELL DEVELOPMENT AND FUNCTION	\$339,975
2008	UNIVERSITY OF MINNESOTA	MN	F32AI080074	CENTROMERE STRUCTURE AND ISOCHROMOSOME FORMATION IN CANDIDA ALBICANS	\$44,846
2008	MAYO CLINIC	MN	R21AI076462	CONTROL OF INNATE IMMUNITY AND APOPTOSIS BY MEASLES VIRUS P, V AND C PROTEINS	\$151,100
2008	MAYO CLINIC	MN	R01AI040384	REGULATION OF HIV-MEDIATED CD4 T CELL APOPTOSIS	\$362,970
2008	UNIVERSITY OF MINNESOTA	MN	R01AI055743	CD4 T CELL RESPONSES TO SALMONELLA	\$320,414
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	F32AI062075	IDENTIFICATION OF NEW PLANT DEFENSE SIGNALING PATHWAYS	\$53,992
2008	UNIVERSITY OF MINNESOTA	MN	R01AI056997	FUNCTIONAL GENOMIC ANALYSIS OF HIV-1 INFECTION IN LTS	\$575,172
2008	UNIVERSITY OF MINNESOTA	MN	R01AI066018	MODULAR SUBUNIT VACCINE FOR SALMONELLA	\$320,414
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079755	HEMATOPOIETIC STEM CELL TRANSPOSON THERAPY FOR SEVERE COMBINED IMMUNODEFICIENCY	\$188,750
2008	UNIVERSITY OF MINNESOTA	MN	R01AI042792	Tick Mammal Interface of Human Granulocytic Anaplasmosis	\$513,217

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF MINNESOTA	MN	R01AI039614	Tracking CD4+ Memory T Cells in Vivo	\$349,557
2008	UNIVERSITY OF MINNESOTA	MN	R01AI031088	Iron Acquisition in Bordetella pertussis	\$274,844
2008	UNIVERSITY OF MINNESOTA	MN	K02AI057735	PROTEIN DETERMINANTS OF DELTARETROVIRUS RNA PACKAGING	\$106,615
2008	MAYO CLINIC	MN	R01AI062261	PROCASPASE 8 ACTIVATION BY HIV PROTEASE	\$308,700
2008	UNIVERSITY OF MINNESOTA	MN	R01AI073685	GENETIC ASSOCIATION MAPPING OF MALARIA RESISTANCE IN ANOPHELES GAMBIAE	\$514,431
2008	MAYO CLINIC	MN	R01AI048793	IMMUNOGENETIC MECHANISMS OF VACCINE RESPONSE	\$539,350
2008	UNIVERSITY OF MINNESOTA	MN	R01AI059533	T CELL IMMUNE RESPONSE TO GROUP A STREPTOCOCCI IN NALT	\$273,089
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079354	IDENTIFICATION AND DEVELOPMENT OF GENETIC POLYMORPHISMS AS BIOMARKERS OF GRAFT VE	\$188,750
2008	MAYO CLINIC	MN	R03AI082703	BUILDING PARTNERSHIPS TO PROMOTE HEALTH IN LOW LITERACY POPULATIONS	\$37,775
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI072068	NOVEL REGULATORS OF T CELL MRNA DECAY	\$332,434
2008	MAYO CLINIC	MN	R01AI065304	MUCOSAL REOVIRUS-ADENOVIRUS VACCINES AGAINST HIV-1	\$377,750
2008	UNIVERSITY OF MINNESOTA	MN	R01AI038474	Adapter proteins and integrin function	\$312,886
2008	UNIVERSITY OF MINNESOTA	MN	R01AI042737	Molecular Characterization of Herpes Simplex Virus ICP27	\$228,804
2008	UNIVERSITY OF MINNESOTA	MN	R01AI061165	REGULATION OF SUPPRESSOR T CELL DEVELOPMENT BY STAT5	\$351,869
2008	UNIVERSITY OF MINNESOTA	MN	R01AI064046	APOBEC3 Proteins in HIV Restriction	\$304,585
2008	UNIVERSITY OF MINNESOTA	MN	U19AI070119	Genomics of Kidney Transplantation Admin	\$1,536,120
2008	UNIVERSITY OF MINNESOTA	MN	R01AI065246	HOST SPECIFICITY OF CRYPTOSPORIDIUM GENE EXPRESSION	\$486,745
2008	MAYO CLINIC	MN	R01AI054974	ROLE OF ALX IN CD28 SIGNALING	\$271,762
2008	MAYO CLINIC	MN	F31AI075632	PROTEASE ACTIVATED RECEPTORS REPRESENT A NOVEL MECHANISM FOR NK CELL ACTIVATION	\$35,712
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI035296	Mechanisms of Peripheral Induction of T-cell Tolerance	\$1,314,073
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075168	Homeostatic Proliferation and Memory CD8 T Cells	\$139,218
2008	UNIVERSITY OF MINNESOTA	MN	R01AI035796	LEUKOCYTE ADHESION IN ALLERGIC INFLAMMATION	\$323,629
2008	UNIVERSITY OF MINNESOTA	MN	R01AI064054	ROLE OF RIM 101 IN RESPONSE TO ALKALINE PH AND VIRULENCE	\$340,258
2008	MAYO CLINIC	MN	R21AI069031	REGULATION OF NOTCH SIGNALING BY NKAP	\$146,417

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2008	MAYO CLINIC	MN	R56AI074363	TRIM5ALPHA-MEDIATED BLOCK OF HIV-1 PRODUCTION	\$339,975
2008	UNIVERSITY OF MINNESOTA	MN	R01AI063340	GENE THERAPY FOR ATHABASCAN SCID	\$306,264
2008	UNIVERSITY OF MINNESOTA	MN	R01AI074283	CARDIOTOXICITY OF STREPTOCOCCAL PYROGENIC EXOTOXINS	\$322,294
2008	UNIVERSITY OF MINNESOTA	MN	R01AI064271	PL 3-KINASE GAMMA & T CELL-MEDIATED ANTI-VIRAL RESPONSES	\$271,259
2008	UNIVERSITY OF MINNESOTA	MN	R01AI059340	FUNCTIONAL ANALYSIS OF CYTOMEGALOVIRUS TEGUMENT PROTEINS	\$284,812
2008	UNIVERSITY OF MINNESOTA	MN	R01AI039560	TCR SIGNAL STRENGTH IN THYMIC SELECTION	\$313,242
2008	UNIVERSITY OF MINNESOTA	MN	R01AI031126	VERY LATE ANTIGEN INTEGRIN ACTIVITY ON T CELLS	\$312,815
2008	MAYO CLINIC	MN	R01AI048409	PHEROMONE SIGNALING IN PNEUMOCYSTIS CARINII	\$274,399
2008	UNIVERSITY OF MINNESOTA	MN	R01AI057585	STRUCTURAL BIOLOGY OF GRAM POSITIVE VIRULENCE FACTORS	\$239,923
2008	UNIVERSITY OF MINNESOTA	MN	R01AI034495	In vivo Prevention of Murine GVHD	\$363,687
2008	UNIVERSITY OF MINNESOTA	MN	R21AI072136	THIOESTERASE INHIBITORS OF MYCOLIC ACID BIOSYNTHESIS AS ANTITUBERCULAR AGENTS	\$219,989
2008	UNIVERSITY OF MINNESOTA	MN	U01AI070380	DEVELOPING EPICUTANEOUS VACCINE APPROACHES FOR PROTECTIVE IMMUNITY	\$368,100
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R37AI027998	Costimulatory Signals in CD4+ T Cell Activation	\$370,533
2008	SYNTIRON LLC	MN	R43AI073052	NOVEL IMMUNOPROPHYLACTIC AGENTS AGAINST STAPHYLOCOCCUS AUREUS	\$265,148
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI075096	CENTROMERE STRUCTURE AND FUNCTION IN CANDIDA ALBICANS	\$489,693
2008	UNIVERSITY OF MINNESOTA	MN	K22AI070152	A LINK BETWEEN MATING PHEROMONE SENSING AND VIRULENCE OF CRYPTOCOCCUS NEOFORMANS	\$160,200
2008	MAYO CLINIC	MN	R01AI049235	THE PATHOGENESIS OF CHRONIC RHINOSINUSITIS	\$468,781
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	U01AI027661	ADULT AIDS CLINICAL TRIALS UNIT	\$742,256
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI034824	CYTOTOXIC T LYMPHOCYTE ACTIVATION IN VITRO AND IN VIVO	\$271,447
2008	UNIVERSITY OF MINNESOTA	MN	U01AI058013	LONG-TERM DETERIORATION OF KIDNEY ALLOGRAFT FUNCTION	\$1,778,074
2008	UNIVERSITY OF MINNESOTA	MN	R37AI028246	PATHOGENESIS OF HIV INDUCED IMMUNODEFICIENCY	\$379,308
2008	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	T32AI007432	GRADUATE TRAINING IN BIostatISTICS	\$148,749
2008	MAYO CLINIC	MN	T32AI007047	Training Grant in Allergic Diseases	\$180,267

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2008	UNIVERSITY OF MINNESOTA	MN	R13AI074121	AUTUMN IMMUNOLOGY CONFERENCE	\$12,000
2008	UNIVERSITY OF MINNESOTA, SCHOOL OF PUBLIC HEALTH	MN	U01AI068641	INTERNATIONAL NETWORK FOR STRATEGIC INITIATIVES IN GLOBAL HIV TRIALS (INSIGHT)	\$30,769,939
2008	MAYO CLINIC	MN	R01AI068741	HLA class II transgenic mouse models for S. aureus infections and superantigens	\$217,782
2008	MAYO CLINIC	MN	R01AI077344	Dependency Factors in HIV-1 Cytoplasmic-Nuclear Transit and Intgeration	\$339,975
2008	UNIVERSITY OF MINNESOTA	MN	R33AI071976	TOPICAL MICROBICIDE AGAINST SIV AND CHLAMYDIA	\$463,016
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	R01AI064743	MODULATION OF LEUKOCYTE ADHESION BY P-SELECTIN/PSGL-1 SIGNALING	\$366,649
2008	UNIVERSITY OF MINNESOTA	MN	R01AI045990	REOVIRUS PROTEIN S3:STRUCTURAL AND REGULATORY FUNCTIONS	\$304,679
2008	UNIVERSITY OF MINNESOTA	MN	R01AI057451	A NOVEL ESSENTIAL REGULATOR OF STAPHYLOCOCCUS AUREUS	\$243,355
2008	UNIVERSITY OF MINNESOTA	MN	R01AI058134	Biofilms and Enterococcus faecalis Biology	\$386,514
2008	UNIVERSITY OF MINNESOTA	MN	U01AI056270	MALARIA TRANSMISSION AND IMMUNITY IN HIGHLAND KENYA	\$588,686
2008	UNIVERSITY OF MINNESOTA	MN	F32AI066741	INDUCTION OF CYTOPROTECTION TO AVERT XENOGRAFT REJECTION	\$58,036
2008	UNIVERSITY OF MINNESOTA	MN	R37AI038903	T cell homeostasis	\$346,188
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI081673	HTLV GAG TRAFFICKING IN LIVING CELLS	\$188,750
2008	UNIVERSITY OF MINNESOTA	MN	K08AI076520	INDUCTION OF APOPTOSIS IN T CELLS BY HERPES SIMPLEX VIRUS TYPE 2	\$134,244
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI073672	TYPHOID PRIORITY ANTIGEN IDENTIFICATION AND VACCINE DEVELOPMENT	\$350,000
2008	MAYO CLINIC	MN	R21AI078139	GENETIC COMPLEMENTATION SCREEN TO IDENTIFY NOVEL REGULATORS OF T CELL ACTIVATION	\$188,875
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R01AI079219	EOSINOPHIL PEROXIDASE IN ALLERGIC INFLAMMATION	\$446,983
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R21AI079743	DNA REPAIR DEFECTS IN IGA DEFICIENCY	\$224,250
2008	INDEPENDENT SCHOOL DISTRICT #535	MN	R03AI082704	BUILDING PARTNERSHIPS TO PROMOTE HEALTH IN LOW LITERACY POPULATIONS	\$25,000
2008	MAYO CLINIC	MN	R01AI071106	Alternaria and ribonucleases in Th2-type immunity	\$390,142
2008	MAYO CLINIC	MN	R01AI033144	The Immunogenetics of Measles Immunity	\$339,975
2008	MAYO CLINIC	MN	R01AI067095	MUCOSAL HELPER-DEPENDENT ADENOVIRUS VACCINES AGAINST HIV-1	\$271,659
2008	MAYO CLINIC	MN	R01AI063476	Immunosuppression and Innate Immunity Control by Morbilliviruses	\$242,059

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2008	UNIVERSITY OF MINNESOTA	MN	U01AI065193	ADVANCING ISLET TRANSPLANTS FOR TYPE 1 DIABETES CARE	\$1
2008	MAYO CLINIC	MN	R01AI034486	MECHANISMS OF EOSINOPHIL DEGRANULATION IN HUMAN DISEASE	\$352,444
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R56AI054232	LYMPH NODE INFLAMMATION AND FIBROSIS AS A MECHANISM OF CD4 LOSS IN HIV	\$579,431
2008	UNIVERSITY OF MINNESOTA	MN	U19AI067151	PIG TO NON-HUMAN PRIMATE ISLET XENOGRAFTS	\$1,145,531
2008	UNIVERSITY OF MINNESOTA	MN	R21AI073167	STRUCTURAL STUDIES OF HUMAN APOBEC3G AND HIV VIF	\$178,017
2008	UNIVERSITY OF MINNESOTA	MN	R21AI073212	EARLY PHASE HIV-1 HOST CELL INTERACTIONS: THE PROTEASOME	\$180,549
2008	UNIVERSITY OF MINNESOTA, MEDICAL SCHOOL	MN	P01AI074340	A Compartmental Analysis of HIV Reservoirs and Immune Reconstitution	\$2,461,908
2008	UNIVERSITY OF MINNESOTA, OFFICE OF STUDENT FINANCE AID	MN	R03AI078750	HIV IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME IN UGANDA	\$75,500
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI021302	MOLECULAR AND GENETIC ANALYSIS OF MVM GENE EXPRESSION	\$273,469
2008	WASHINGTON UNIVERSITY	MO	R01AI065985	DEFINING NS4B FUNCTION IN HEPATITIS C VIRUS REPLICATION	\$289,575
2008	WASHINGTON UNIVERSITY	MO	R01AI054483	IMMUNITY AND PATHOGENESIS OF A NOVEL NOROVIRUS	\$395,600
2008	WASHINGTON UNIVERSITY	MO	R01AI067856	SILVER CARBENE COMPLEXES AS TREATMENT OF CF LUNG DISEASE	\$357,064
2008	WASHINGTON UNIVERSITY	MO	U01AI069495	WASHINGTON UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$2,050,805
2008	SAINT LOUIS UNIVERSITY	MO	R01AI040196	TRYPANOSOMA CRUZI MUCOSAL & SYSTEMIC PROTECTIVE IMMUNITY	\$370,000
2008	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	K22AI073917	LIGHT-REGULATED GENES AFFECTING THE PATHOGEN POTENTIAL OF CRYPTOCOCCUS NEOFORMANS	\$107,053
2008	SAINT LOUIS UNIVERSITY	MO	K06AI004739	BIOCHEMISTRY OF VIRAL REPLICATION	\$33,939
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI068746	MIMOTOPES AGAINST TYPE 1 DIABETES	\$219,278
2008	WASHINGTON UNIVERSITY	MO	R01AI073552	INNATE IMMUNE RECEPTOR ANTAGONISM BY ORTHOPOXVIRUS PROTEINS	\$380,000
2008	WASHINGTON UNIVERSITY	MO	R21AI077008	ISG15 REGULATION OF ANTIVIRAL IMMUNE RESPONSES	\$223,668
2008	DIVERGENCE INC	MO	R43AI074104	NOVEL MACROFILARICIDAL COMPOUNDS: TARGET IDENTIFICATION AND CHEMICAL OPTIMIZATIO	\$100,000
2008	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071028	STRUCTURE FUNCTION ANALYSIS OF STAPHYLOCOCCAL COMPLEMENT INHIBITORS	\$318,750
2008	SAINT LOUIS UNIVERSITY	MO	R01AI072195	Chitosan in Cryptococcus	\$350,250

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2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI076675	THE ROLES OF HOST HEMOSTATIC SYSTEM IN THE PATHOGENICITY OF GROUP A STREPTOCOCCAL	\$205,985
2008	WASHINGTON UNIVERSITY	MO	R01AI049261	ROLE OF DPPI & SERINE PROTEASES IN INFLAMMATORY DISEASES	\$237,500
2008	WASHINGTON UNIVERSITY	MO	R01AI052167	ROVA REGULON AND VIRULENCE OF YERSINIA ENTEROCOLITICA	\$380,000
2008	WASHINGTON UNIVERSITY	MO	R01AI051436	COMPLEMENT CONVERTASE: ASSEMBLY, FUNCTION AND REGULATION	\$260,946
2008	WASHINGTON UNIVERSITY	MO	R01AI046433	PROTEASE AND ROP GENES IN S. PYOGENES VIRULENCE	\$320,211
2008	WASHINGTON UNIVERSITY	MO	R01AI022033	STUDIES OF ANTIGEN STIMULATION	\$355,788
2008	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI021501	CONTROL OF MRNA STABILITY IN HSV INFECTED CELLS	\$237,537
2008	WASHINGTON UNIVERSITY	MO	R01AI061173	T CELL RECOGNITION OF ALLOGENEIC PEPTIDE/MHC LIGANDS	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI036629	Molecular Basis of Toxoplasmosis	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI047829	THE V(D)J RECOMBINATION REACTION AND ITS IMPACT ON LYMPHOCYTE DEVELOPMENT	\$320,211
2008	WASHINGTON UNIVERSITY	MO	K01AI065808	INCIDENCE & OUTCOMES OF SSI AFTER BREAST CANCER SURGERY	\$97,453
2008	WASHINGTON UNIVERSITY	MO	K23AI065838	VACCINIA VIRUS ANTIBODY KINETICS AND RESIDUAL IMMUNITY	\$112,481
2008	APATH, LLC	MO	U01AI075424	DEVELOPING SMALL MOLECULE THERAPEUTICS FOR WEST NILE VIRUS	\$712,161
2008	WASHINGTON UNIVERSITY	MO	U01AI070374	A DIAGNOSTIC MICROARRAY FOR HEMORRHAGIC FEVER ENCEPHALITIS VIRUSES	\$752,416
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI076119	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	\$380,655
2008	WASHINGTON UNIVERSITY	MO	K08AI079011	MOLECULAR MECHANISMS OF GAMMAHERPESVIRUS LATENCY AND REACTIVATION	\$97,476
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R56AI074857	THYROID EPITHELIAL CELL HYPERPLASIA: MECHANISMS OF INDUCTION	\$357,910
2008	WASHINGTON UNIVERSITY	MO	R01AI079187	THE ROLE OF REGULATORY T CELL DEVELOPMENT IN THE PREVENTION OF AUTOIMMUNITY	\$380,000
2008	WASHINGTON UNIVERSITY	MO	K08AI079010	TARGETING ISOPRENOID BIOSYNTHESIS IN PLASMODIUM FALCIPARUM	\$87,062
2008	WASHINGTON UNIVERSITY	MO	U01AI077810	B-CELL TARGETED INDUCTION TO IMPROVE OUTCOMES IN PEDIATRIC LUNG TRANSPLANTATION	\$891,525
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI073098	ELUCIDATION OF HIV ENV ACQUISITION STRATEGIES	\$295,896

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2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI056310	ADENO-ASSOCIATED VIRUS RNA SPLICING AND POLYADENYLATION	\$272,302
2008	WASHINGTON UNIVERSITY	MO	R01AI048689	PATHOGENIC FIBER FORMATION IN BACTERIA: STRUCTURAL BASIS	\$361,970
2008	SAINT LOUIS UNIVERSITY	MO	U01AI048021	HIV VACCINE CLINICAL TRIAL UNIT AT SAINT LOUIS UNIVER	\$522,740
2008	WASHINGTON UNIVERSITY	MO	R01AI042236	MOLECULAR AND FUNCTIONAL ANALYSES OF THE PMRA/PMRB REGULATORY SYSTEM	\$205,102
2008	WASHINGTON UNIVERSITY	MO	R01AI029646	MOLECULAR GENETICS OF LEISHMANIA	\$630,243
2008	WASHINGTON UNIVERSITY	MO	R01AI047798	PLASMEPSIN V FUNCTION IN MALARIA PARASITES	\$175,802
2008	WASHINGTON UNIVERSITY	MO	R01AI065982	NOROVIRUS INFECTION OF DENDRITIC CELLS AND MACROPHAGES	\$317,206
2008	WASHINGTON UNIVERSITY	MO	R01AI037618	CD46: PROTECTING THE HOST FROM COMPLEMENT ATTACK	\$325,772
2008	WASHINGTON UNIVERSITY	MO	U54AI057160	MRCE FOR BIODEFENSE AND EMERGING INFECTIOUS DIESEASES	\$7,982,208
2008	SAINT LOUIS UNIVERSITY	MO	R01AI068769	QUALITATIVE NATURE OF ANTIBODIES TO HCV GLYCOPROTEIN SUBUNIT VACCINE IN HUMANS	\$315,056
2008	WASHINGTON UNIVERSITY, SCHOOL OF MEDICINE	MO	R21AI073380	POLYSACCHARIDE CAPSULE EXPORT IN THE FUNGAL PATHOGEN CRYPTOCOCCUS NEOFORMANS	\$186,390
2008	WASHINGTON UNIVERSITY	MO	R01AI019687	MHC-1 REGULATION BY VIRUS	\$325,772
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI079056	The roles of Sirt1, a deacetylase, in immune tolerance and autoimmunity	\$356,425
2008	WASHINGTON UNIVERSITY	MO	F32AI071429	ACTIN ASSEMBLY REGULATION IN LYTIC SYNAPSE FORMATION	\$49,646
2008	WASHINGTON UNIVERSITY	MO	R01AI033903	INVIVO DEVELOPMENT OF NATURAL KILLER CELLS	\$260,946
2008	SAINT LOUIS UNIVERSITY	MO	R01AI050184	SIGNAL TRANSDUCTION IN C. NEOFORMANS	\$372,038
2008	WASHINGTON UNIVERSITY	MO	F32AI073060	SENSING AND UTILIZATION OF MUCOPOLYSACCHARIDES BY BACTEROIDES THETA IOTAOMICRON	\$49,646
2008	WASHINGTON UNIVERSITY	MO	R01AI061077	ROLE FOR VAV FAMILY PROTEINS IN T LYMPHOCYTE ACTIVATION	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI027568	CD8 T CELL RECOGNITION OF MHC CLASS I	\$361,970
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI048541	REGULATION OF NEONATAL IMMUNITY	\$313,843
2008	WASHINGTON UNIVERSITY	MO	R01AI030084	MOLECULAR DISSECTION OF E. HISTOLYTICA PATHOGENESIS	\$361,970
2008	WASHINGTON UNIVERSITY	MO	K24AI067794	INFECTIOUS DISEASE & HEALTHCARE EPIDEMIOLOGY MENTORING	\$142,147
2008	WASHINGTON UNIVERSITY	MO	K08AI071016	THE ROLE OF ACTIVATING RECEPTORS IN NATURAL KILLER CELL DEVELOPMENT	\$120,020

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2008	WASHINGTON UNIVERSITY	MO	R01AI073755	Antibody-Based Protection Against Dengue Virus	\$505,214
2008	WASHINGTON UNIVERSITY	MO	U01AI064655	RCT TO EVALUATE GUIDELINES FOR ACUTE RHINOSINUSITIS	\$59,152
2008	WASHINGTON UNIVERSITY	MO	R01AI070759	CATABOLITE REPRESSION CONTROLS VIRULENCE IN STREPTOCOCCUS PYOGENES	\$335,502
2008	WASHINGTON UNIVERSITY	MO	U01AI077955	SAFE ANTIBODY PROPHYLAXIS AND THERAPY AGAINST DENGUE VIRUS	\$813,000
2008	WASHINGTON UNIVERSITY	MO	K23AI065336	HIV, ENDOTHELIAL DYSFUNCTION, AND INSULIN RESISTANCE	\$109,828
2008	WASHINGTON UNIVERSITY	MO	R01AI031078	GLYCOSYLATION MUTANTS OF LEISHMANIA	\$739,661
2008	WASHINGTON UNIVERSITY	MO	R01AI034036	PROTEIN SECRETION & INTRACELLULAR SURVIVAL BY TOXOPLASMA	\$355,788
2008	SAINT LOUIS UNIVERSITY	MO	R01AI057573	FUNCTIONAL ANALYSIS OF HSV-2 TEGUMENT PROTEINS IN MICE	\$273,469
2008	WASHINGTON UNIVERSITY	MO	R01AI061478	FORKHEAD TRANSCRIPTION FACTORS IN T LYMPHOCYTES	\$320,211
2008	WASHINGTON UNIVERSITY	MO	U19AI070489	Epithelial Barrier Programs in Asthma and Allergic Disease	\$1,462,270
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R03AI079507	ANTIGENIC VARIATION BY MULTIPLE PROMOTER INVERSIONS IN MYCOPLASMA PENETRANS	\$70,745
2008	SAINT LOUIS UNIVERSITY	MO	R01AI048391	Role of gamma/delta T cells in Vaccine Induced Immunity	\$360,518
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI064306	PLASMODIUM SPOROZOITES AND THE MOSQUITO	\$388,697
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI046458	Parvovirus RNA Processing and Gene Expression Strategies	\$329,274
2008	WASHINGTON UNIVERSITY	MO	R01AI049561	Regulation of Salmonella Virulence by the PhoP Protein	\$270,048
2008	WASHINGTON UNIVERSITY	MO	R01AI055849	SCT PROBES FOR PATHOGEN IMMUNITY	\$320,211
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI074589	ALTERNATIVE GENETIC SELECTION IN BACILLUS ANTHRACIS AND FRANCISELLA TULARENSIS	\$219,989
2008	WASHINGTON UNIVERSITY, SCHOOL OF MEDICINE	MO	F32AI078628	THE GENETIC DETERMINANTS OF SYMBIOTIC HOST-MICROBIAL INTERACTION IN THE HUMAN GUT	\$46,826
2008	SAINT LOUIS UNIVERSITY	MO	R21AI076834	CELL CULTURE SYSTEM FOR HEPATITIS C VIRUS GENOTYPE 1A	\$183,750
2008	WASHINGTON UNIVERSITY	MO	T32AI007172	Infectious Disease/Basic Microbial Pathogenic Mechanisms	\$489,947
2008	WASHINGTON UNIVERSITY	MO	R01AI069390	MECHANISMS OF ACTION FOR COLONY-STIMULATING-FACTORS IN IBD	\$372,780
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R01AI074389	Gene Therapy for HIV Using Aptamers that Target Reverse Transcriptase	\$370,646

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2008	WASHINGTON UNIVERSITY	MO	R01AI051345	NK CELL RESPONSE TO MCMV INFECTIONS	\$298,224
2008	WASHINGTON UNIVERSITY	MO	R01AI024742	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	\$473,108
2008	WASHINGTON UNIVERSITY	MO	R01AI062832	IMMUNITY TO INTRACELLULAR PATHOGENS	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI046553	MR1 BIOCHEMICAL FEATURES AND IMMUNOLOGICAL FUNCTIONS	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI064721	CYTOLYSIN-MEDIATED TRANSLOCATION IN S. PYOGENES VIRULENC	\$320,211
2008	WASHINGTON UNIVERSITY	MO	R01AI063299	YSRRS REGULON OF Y. ENTEROCOLITICA	\$213,473
2008	WASHINGTON UNIVERSITY	MO	R01AI059176	INFECTIVITY AND TRANSMISSION OF TOXOPLASMOSIS	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R37AI029549	CHAPERONE ASSISTED PILI ASSEMBLY IN PATHOGENIC E COLI	\$355,788
2008	WASHINGTON UNIVERSITY	MO	U01AI061373	MONOCLONAL ANTIBODY THERAPY FOR WEST NILE VIRUS	\$1,025,666
2008	WASHINGTON UNIVERSITY	MO	R01AI048052	THE MOLECULAR MECHANISM OF LEGIONELLA TYPE IV SECRETION	\$325,772
2008	WASHINGTON UNIVERSITY	MO	R01AI025584	MOLECULAR MECHANISMS OF HISTOPLASMA PATHOGENESIS	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R01AI052237	COMPARATIVE GENOMICS IN THE ENTEROBACTERIACEAE	\$682,808
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R03AI074779	NMR STUDIES OF THE ENZYME PMM/PGM FROM P. AERUGINOSA	\$73,330
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI074603	DEVELOPMENT OF NOVEL GENETIC TOOLS FOR METABOLIC SELECTION IN YERSINIA PESTIS	\$183,324
2008	DIVERGENCE INC	MO	R43AI079932	NOVEL AND EFFECTIVE ANTIFUNGAL COMPOUNDS DERIVED FROM MOLECULAR FIELD ANALYSIS	\$108,576
2008	WASHINGTON UNIVERSITY	MO	K08AI076633	THE ROLE OF NKG2D/DAP10 IN TOXOPLASMA GONDII INFECTION	\$109,726
2008	UNIVERSITY OF MISSOURI, SCHOOL OF MEDICINE	MO	R01AI071199	Protease Inhibitor Analogues for Enhanced Transport Across Blood-Brain Interfaces	\$372,500
2008	WASHINGTON UNIVERSITY	MO	R01AI049950	STRUCTURE OF PROTEINS INVOLVED IN BACTERIAL PATHOGENESIS	\$318,825
2008	WASHINGTON UNIVERSITY	MO	R01AI058047	IL-10 RECEPTOR SIGNALING THAT REGULATES INNATE IMMUNITY	\$417,578
2008	WASHINGTON UNIVERSITY	MO	R37AI057966	STRUCTURE AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$355,788
2008	WASHINGTON UNIVERSITY	MO	R37AI024157	T CELL RECOGNITION OF ANTIGEN	\$335,502
2008	WASHINGTON UNIVERSITY	MO	R37AI034385	ACTIVATION RECEPTORS ON NK CELLS	\$260,946
2008	WASHINGTON UNIVERSITY	MO	T32AI007163	TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	\$652,624

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	WASHINGTON UNIVERSITY	MO	U19AI065715	RESEARCH FOR THE ELIMINATION OF LYMPHATIC FILARIASIS	\$505,786
2008	SAINT LOUIS UNIVERSITY	MO	R21AI065535	DEVELOPING AN IN VITRO SYSTEM FOR HCV PROPAGATION	\$183,135
2008	WASHINGTON UNIVERSITY	MO	R01AI073155	TARGETING THE ACTIN CYTOSKELETON IN PARASITES	\$350,335
2008	SAINT LOUIS UNIVERSITY	MO	R21AI067590	THE ROLE BH3 AND MULTI BH DOMAIN GENES IN REGULATING MONOCYTE SURVIVAL AND FUNCTI	\$180,259
2008	WASHINGTON UNIVERSITY	MO	R21AI071046	CHARACTERIZATION OF THE POLYCLONAL TCR REPERTOIRE IN TCR-BETA TRANSGENIC MICE	\$149,112
2008	CURATORS OF THE UNIVERSITY OF MISSOURI	MO	R21AI071991	ANTI-PLAGUE AGENTS TARGETING YOPH OF YERSINIA PESTIS	\$185,164
2008	UNIVERSITY OF MISSISSIPPI	MS	R01AI027094	NEW DRUGS FOR OPPORTUNISTIC INFECTIONS	\$300,328
2008	MISSISSIPPI STATE UNIVERSITY	MS	R15AI079897	FUNCTIONAL CHARACTERIZATION OF THE SITE SPECIFIC RESIDUES IN MUTACIN 1140	\$210,506
2008	UNIVERSITY OF MISSISSIPPI	MS	R21AI067873	MOLECULAR TARGETS OF NOVEL ANTIFUNGAL COMPOUNDS	\$213,277
2008	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	R03AI065934	EFFECTS OF ARTEMISININ ON LEISHMANIA SERCA PUMP	\$72,594
2008	MONTANA STATE UNIVERSITY	MT	R01AI041123	MUCOSAL IMMUNITY ELICITED BY SALMONELLA VACCINE DELIVERY	\$296,143
2008	MONTANA STATE UNIVERSITY	MT	R01AI026711	NEUTROPHIL FLAVOCYTOCHROME B STRUCTURE AND FUNCTION	\$296,143
2008	MONTANA STATE UNIVERSITY	MT	R21AI072739	TRANSCRIPTIONAL MECHANISMS IN TOXOPLASMA GONDII	\$173,514
2008	MONTANA STATE UNIVERSITY	MT	R01AI055563	MUCOSAL LYMPHOCYTE HOMING IN THE HEAD AND NECK	\$296,143
2008	LIGOCYTE PHARMACEUTICALS INC	MT	R44AI043789	PRECLINICAL DEVELOPMENT OF LIGO-069-136, AN ANTI-INFLAMMATORY PULMONARY THERAPEUT	\$1,547,235
2008	MONTANA STATE UNIVERSITY	MT	R01AI064107	CCR5 & CXCR4 ANTAGONIST & AGONIST BINDING SITE STRUCTURE	\$346,466
2008	UNIVERSITY OF MONTANA	MT	R01AI051486	Regulation of gene expression in Borrelia burgdorferi	\$351,675
2008	MONTANA STATE UNIVERSITY	MT	R01AI055739	THE MATERNAL/FETAL INTERACTION	\$324,028
2008	UNIVERSITY OF MONTANA	MT	R01AI074818	Structure-function studies of the tripartite Junin arenavirus GP-C	\$318,375
2008	MONTANA STATE UNIVERSITY	MT	R21AI075300	ROLE OF NON-CODING RNAS IN P. AERUGINOSA BIOFILM DEVELOPMENT	\$213,750
2008	MONTANA STATE UNIVERSITY	MT	R56AI055043	MECHANISMS OF PRION TRANSPORT	\$356,250
2008	MONTANA STATE UNIVERSITY	MT	R21AI074355	INFLUENCE OF THE HOST CELL MOLECULAR ENVIRONMENT ON TOXOPLASMA DEVELOPMENT	\$213,750

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2008	MONTANA STATE UNIVERSITY	MT	R21AI076078	EQTL ANALYSIS OF TOXOPLASMA DEVELOPMENT	\$174,741
2008	PROMILIAD BIOPHARMA INC	MT	R43AI078646	ISOINDOLINONES AS ANTIMICROBIAL AGENTS	\$225,624
2008	UNIVERSITY OF MONTANA	MT	R15AI079708	MUTATORS AND PSEUDOMONAS GENOME EVOLUTION IN THE CF-LUNG ENVIORNMENT	\$212,250
2008	MONTANA STATE UNIVERSITY	MT	R56AI078938	MUCOSAL THERAPY FOR AUTOIMMUNITY	\$345,625
2008	UNIVERSITY OF MONTANA	MT	R01AI045388	HIV GENOMIC RNA STRUCTURE	\$224,928
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI070984	THE ROLE OF DENDRITIC CELLS AND MACROPHAGES IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$179,195
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI074946	IMPROVED VACCINES FOR RIFT VALLEY FEVER VIRUS	\$473,040
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI015892	ASSEMBLY OF ENVELOPED VIRUSES	\$266,957
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P01AI059443	DEVELOPING VACCINE CANDIDATES FOR THE SARS CORONAVIRUS	\$1,854,836
2008	DUKE UNIVERSITY	NC	R01AI057831	Regulation of Host Defense by IRG Proteins	\$358,113
2008	DUKE UNIVERSITY	NC	R01AI049934	Control of TCR V Beta Rearrangement & Allelic Exclusion	\$506,014
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064074	CLEARING PERSISTENTLY HIV-INFECTED CD4+ T LYMPHOCYTES	\$37,170
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R37AI031789	STATISTICAL METHODS FOR AIDS CLINICAL TRIALS	\$366,371
2008	DUKE UNIVERSITY	NC	R01AI041764	Arginine, Nitric Oxide, and Severe Malaria	\$603,941
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI054954	POPULATION GENETICS OF TRANSGENES IN MOSQUITO VECTORS	\$169,751
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	P01AI060642	RESPIRATORY IMMUNITY AGAINST AGENTS OF BIOTERRORISM	\$1,806,194
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI067758	GENETICS OF HOST RESISTANCE TO FRANCISCELLA TULARENSIS IN MICE	\$179,033
2008	DUKE UNIVERSITY	NC	U01AI074529	PREVENTION OF IMMUNE PATHOLOGY DURING AVIAN INFLUENZA INFECTION	\$382,590
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077454	TREG IN HIV-1 REPLICATION AND PATHOGENESIS	\$366,848
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076191	USE OF ALTERNATIVE SPLICING AND RAAV FOR LONGTERM CONTROL OF TRANSGENE EXPRESSION	\$179,033
2008	SOUTHEAST TECHINVENTURES INC	NC	R43AI069706	IMPROVED PRESERVATION, STORAGE AND FUNCTION OF ANTIBODIES	\$96,950
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R13AI081519	ASM CONFERENCE ON PASTEURELLACEAE	\$9,000
2008	DUKE UNIVERSITY	NC	R21AI076814	FUNCTION OF THYMIC EPITHELIAL CELLS IN T LYMPHOCYTE MATURATION	\$234,000
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI078700	THE ROLE OF EXOPOLYSACCHARIDES IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$40,972

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2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI077437	IMMUNOBIOLOGY OF ACUTE ENVIRONMENTAL ASTHMA	\$1,504,121
2008	ALDERON BIOSCIENCES INC	NC	R43AI075645	PSEUDO TARGET AMPLIFICATION DIAGNOSTICS	\$141,240
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067641	IMMUNE EVASION MECHANISMS OF NEUROVIRULENT ALPHAVIRUSES	\$287,982
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI077417	MODIFIED TRITERPINES AS POTENT HIV FUSION INHIBITORS	\$464,297
2008	EAST CAROLINA UNIVERSITY	NC	R01AI063516	BRUCELLA IRON METABOLISM IN HOST MACROPHAGES	\$305,412
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI047707	BASIS AND MODULATION OF THE INNATE IMMUNE DEFECT IN FIV	\$327,777
2008	NORTH CAROLINA CENTRAL UNIVERSITY	NC	R01AI038910	REGULATION OF CHEMOKINE MEDIATED LEUKOCYTE FUNCTIONS	\$321,870
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI036901	MECHANISMS OF ANTIBIOTIC ACTION IN NEISSERIA GONORRHOEAE.	\$347,681
2008	DUKE UNIVERSITY	NC	R01AI054843	DYNAMICS OF TCR REPERTOIRE FOLLOWING THYMUS TRANSPLANT	\$358,113
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI058014	DEFINING ANTIGEN INDUCED IMMUNOREGULATION IN T1 DIABETES	\$338,790
2008	DUKE UNIVERSITY	NC	R01AI050021	CAVEOLAE MEDIATED BACTERIAL UPTAKE IN THE URINARY TRACT	\$371,495
2008	GLOBAL VACCINES INC	NC	F32AI071770	PROPAGATION ENHANCEMENT OF CHIMERIC LENTIVIRAL VACCINES	\$50,428
2008	DUKE UNIVERSITY	NC	U19AI067854	(CHAVI) CENTER FOR HIV/AIDS VACCINE IMMUNOLOGY	\$49,359,232
2008	DUKE UNIVERSITY	NC	T32AI007392	Ruth L. Kirschstein National Research Service Award (NRSA)- T32	\$339,972
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI071292	MINORITY PREDOCTORAL FELLOWSHIP PROGRAM	\$28,641
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI042023	CONTROL OF PARAMYXOVIRUS RNA SYNTHESIS	\$233,588
2008	EAST CAROLINA UNIVERSITY	NC	R21AI079183	THE ROLE OF IRON/HEME ACQUISITION MECHANISMS IN BACTEROIDES FRAGILIS.	\$209,772
2008	DUKE UNIVERSITY	NC	R21AI072485	IDENTIFICATION OF COXIELLA BURNETTI EFFECTOR PROTEINS	\$191,295
2008	AFFINERGY INC	NC	R43AI079891	SELF ASSEMBLING HIGH AFFINITY PEPTIDES FOR POINT OF CARE DRUG-DEVICE COMBINATIONS	\$299,957
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI058842	NANOPARTICLE HIV PROTEIN VACCINES FOR CELLULAR RESPONSES	\$279,144
2008	THERALOGICS INC	NC	R42AI069602	INHIBITION OF IKK TO TREAT LETHAL GRAFT-VS.-HOST DISEASE	\$442,778

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2008	ALPHAVAX HUMAN VACCINES INC	NC	U01AI078010	DOSE OPTIMIZATION, PRODUCTION & TOX TESTING OF REPLICON-VACCINES FOR SMALLPOX	\$500,000
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007273	Basic Immune Mechanisms	\$335,933
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI064645	ARBOVIRUS EVASION OF TYPE I INTERFERON INDUCTION	\$177,589
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071767	HIV GENOMIC RNA STRUCTURE IN VITRO AND IN VIRIO	\$49,646
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R03AI071763	STRUCTURAL MODELS TO BRIDGE OBSERVATIONAL AND RANDOMIZED EVIDENCE: HAART AND AIDS	\$54,754
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI049427	ADHESION JUNCTION REGULATION IN NORMAL AND DISEASED SKIN	\$358,065
2008	DUKE UNIVERSITY	NC	R01AI065310	Betulinic acid derivatives as anti-HIV agents	\$297,196
2008	DUKE UNIVERSITY	NC	R01AI050128	RAS SIGNALING IN C. NEOFORMANS VIRULENCE AND DEVELOPMENT	\$360,846
2008	DUKE UNIVERSITY	NC	K08AI061149	CALCINEURIN AND ASPERGILLUS FUMIGATUS PATHOGENESIS	\$120,501
2008	DUKE UNIVERSITY	NC	R01AI047040	Thymic Transplantation in Complete DiGeorge Syndrome	\$604,723
2008	DUKE UNIVERSITY	NC	R01AI064464	ENTEROTOXIN TARGETING AND DELIVERY MECHANISMS	\$297,196
2008	DUKE UNIVERSITY	NC	R01AI068032	CHLAMYDIA CO-OPTION OF EUKARYOTIC LIPID DROPLETS	\$334,345
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI063031	M TUBERCULOSIS AND HOST-DEFENSE MECHANISMS	\$338,074
2008	DUKE UNIVERSITY	NC	R01AI047605	MECHANISMS OF ALLOGENEIC STEM CELL EDUCATION IN SCID	\$322,304
2008	QUINTILES FEDERATED SERVICES INC	NC	U01AI069464	QUINTILES CLINICAL TRIAL UNIT FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$946,844
2008	DUKE UNIVERSITY	NC	R01AI042159	ROLE OF CALCINEURIN IN FUNGAL VIRULENCE	\$322,302
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	P30AI050410	The University of North Carolina Center for AIDS Research	\$2,594,752
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI044667	Biological properties of HIV-1 V3 evolutionary variants	\$304,037
2008	DUKE UNIVERSITY	NC	T32AI007217	Training Prgm in Inflammatory and Immunological Diseases	\$258,018
2008	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	NC	R03AI078122	DEVELOPING A YEAST SYSTEM TO STUDY VIRUS-HOST INTERACTIONS IN MONONEGAVIRALES	\$72,000
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K99AI072956	ROLES FOR TAK1 IN T CELL DEVELOPMENT, FUNCTION AND TUMORIGENESIS	\$89,999

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2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI079521	TARGETED GENE EXPRESSION FROM NL63 VACCINE VECTORS	\$221,250
2008	DUKE UNIVERSITY	NC	K24AI072522	MID-CAREER INVESTIGATOR AWARD: PREVENTING AND DIAGNOSING FUNGAL DISEASE	\$114,666
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI075081	BORDETELLA BIOFILMS AND PATHOGENESIS	\$370,000
2008	DUKE UNIVERSITY	NC	R01AI076357	A MURINE MODEL OF CHRONIC AUTOIMMUNE HEPATITIS AND LIVER FIBROSIS	\$307,800
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI029564	Plexin-A1: Regulation by CIITA and Immunologic Function	\$151,440
2008	PARION SCIENCES	NC	RC1AI081297	NOVEL THERAPIES FOR ENHANCING CLEARANCE OF INHALED RADIOACTIVE PARTICLES	\$850,311
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076785	PREVALENCE AND FITNESS OF DRUG RESISTANT MINORITY VARIANT MUTATIONS IN PLASMODIUM	\$219,000
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K23AI077355	SEX, AGING AND ANTIRETROVIRAL PHARMACOLOGY	\$132,230
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI072827	THE ROLE OF THE CHEMOKINE RECEPTORS CCR4 AND CCR7 IN GRAFT-VERSUS-HOST DISEASE	\$58,886
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R37AI035098	CONTROL OF NF-KAPPAB ACTIVITY	\$304,288
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI050050	STRUCTURAL SPECIFICITY OF HEPARAN SULFATE FOR HERPES INFECTIONS	\$326,592
2008	DUKE UNIVERSITY	NC	T32AI052077	Basic Immunology Training Program	\$174,039
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI066075	THE ROLE OF MERTK IN AUTOIMMUNE DIABETES	\$346,094
2008	DUKE UNIVERSITY	NC	R01AI065301	EFFECT OF APOBEC3G ON RETROVIRUSES AND RETROTRANSPOSONS	\$325,465
2008	DUKE UNIVERSITY	NC	U01AI069484	HIV/AIDS CLINICAL TRIALS UNIT	\$3,033,394
2008	DUKE UNIVERSITY	NC	R01AI056123	IL-7 RECEPTOR SIGNALING IN LYMPHOPOIESIS	\$286,491
2008	DUKE UNIVERSITY	NC	F32AI066914	ROLE OF CELL DEATH PATHWAY IN C. ELEGANS INNATE IMMUNITY	\$56,702
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007151	Infectious Disease Pathogenesis Research Training	\$224,224
2008	APPLIED BIOSCIENCE INTERNATIONAL, PPD DEVELOPMENT	NC	U01AI067075	DATA COORDINATING CENTER FOR ORGAN TRANSPLANT CLINICAL *	\$3,477,617
2008	DUKE UNIVERSITY	NC	R01AI080488	MECHANISMS OF LATE EFFECTS OF EXPOSURE TO RADIATION	\$390,000
2008	GLOBAL VACCINES INC	NC	U01AI070976	A NOVEL SYSTEMIC AND MUCOSAL ADJUVANT FOR BIODEFENSE	\$1,141,009
2008	EAST CAROLINA UNIVERSITY	NC	R01AI040588	ROLE OF B.FRAGILIS OXYGEN STRESS RESPONSE IN INFECTION	\$265,097

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2008	DUKE UNIVERSITY	NC	R01AI079088	Regulating peripheral T cell tolerance	\$390,000
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064363	TREG MIGRATION IN GVHD	\$387,126
2008	NORTH CAROLINA CENTRAL UNIVERSITY	NC	SC2AI081656	MODULATION OF VIRULENCE DETERMINANTS CONTRIBUTING TO GONOCOCCAL PATHOGENESIS	\$97,200
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076159	HUMAN CORONAVIRUSES AS MULTIGENE MUCOSAL VACCINE VECTORS FOR HIV	\$228,471
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI080148	SARS-COV TRANSCRIPTION NETWORK REMODELING AND THE ATTENUATION OF PATHOGENESIS	\$49,646
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI077409	OPTIMIZING IMMUNOGENICITY OF LACTOBACILLUS AS A MUCOSAL VACCINE AGAINST HIV-1	\$222,750
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI068952	Redox control of CD8 T cell proliferation, differentiation and death	\$333,000
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI040768	Immunopathogenesis of Bullous Pemphigoid	\$327,780
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI075297	SARS-COV PATHOGENIC MECHANISMS IN SENESCENT MICE	\$496,151
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI072176	Rational and Combinatorial Engineering of AAV Vectors	\$373,669
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI065791	NF-kB and Chromatin Changes in Human Sepsis	\$307,555
2008	DUKE UNIVERSITY	NC	R01AI055588	STRUCTURAL AND BIOCHEMICAL STUDIES OF LPXC INHIBITION	\$390,000
2008	DUKE UNIVERSITY	NC	R01AI064879	NASAL VACCINES: MODE OF ACTION, COMPOSITION & DELIVERY	\$442,650
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI061396	THE MATRIX OF PSEUDOMONAS AERUGINOSA BIOFILMS	\$494,196
2008	DUKE UNIVERSITY	NC	R01AI056266	Role of Abl Kinases in immune cell signaling	\$322,304
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI062657	THE CARDIAC INTERFERON RESPONSE TO REOVIRUS INFECTION	\$268,870
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI069423	UNIVERSITY OF NORTH CAROLINA AIDS CLINICAL TRIALS UNIT (UNC ACTU)	\$2,899,686
2008	DUKE UNIVERSITY	NC	R01AI044167	BIOLOGY OF H. INFLUENZAE HIA AND HSF ADHESINS	\$286,491
2008	DUKE UNIVERSITY	NC	R01AI039115	GENETICS OF CRYPTOCOCCUS SEXUAL REPRODUCTION	\$371,495
2008	DUKE UNIVERSITY	NC	U01AI066590	MICROFLUIDIC PCR PLATFORM TO DETECT MICROBIAL DNA	\$617,154
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007419	Molecular Biology of Viral Diseases Predoctoral Training Grant	\$216,208
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI007001	Training in Sexually Transmitted Diseases and HIV	\$355,265

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2008	AFFINERGY INC	NC	R44AI082540	POINT OF CARE ATTACHMENT OF ANTIBIOTICS ONTO METAL IMPLANTS	\$893,372
2008	EAST CAROLINA UNIVERSITY	NC	R01AI076272	Studies on the Pseudomonas aeruginosa Cell-to-Cell Signal PQS	\$321,750
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R56AI069339	FRANCISELLA TULARENSIS INTERACTIONS WITH AIRWAY EPITHELIAL CELLS	\$366,833
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI054425	BACTERIAL HOST MIMICRY AND CHRONIC AIRWAY INFECTION	\$266,957
2008	DUKE UNIVERSITY	NC	R56AI074751	SMALL CATIONIC ANTIMICROBIAL PEPTIDES: ACTIVATORS OF INNATE & ADAPTIVE IMMUNITY	\$390,000
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI052304	CONTROL OF TRANSLATION BY VSV	\$266,957
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI059136	SARS REVERSE GENETICS	\$271,608
2008	DUKE UNIVERSITY	NC	R01AI042951	DEVELOPMENT AND PERSISTENCE OF IMMUNITY IN SCID CHIMERAS	\$322,302
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI043591	CONTROL OF CYTOTOXIC T CELL DIFFERENTIATION AND ACTIVITY	\$266,957
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI063453	SRV IS CRITICAL FOR STREPTOCOCCAL SURVIVAL IN THE HOST	\$307,555
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U54AI057157	SOUTHEAST REGIONAL CENTERS OF EXCELLENCE FOR BIODEFENSE & EMERGING INFECTIOUS DI	\$10,189,682
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F32AI071486	RECA PROTEIN AS THERAPEUTIC TARGET USING PEPTIDES & PNAS	\$50,428
2008	DUKE UNIVERSITY	NC	K24AI001833	TB CLINICAL RESEARCH: TRAINING THE NEXT GENERATION	\$101,331
2008	DUKE UNIVERSITY	NC	T32AI007062	Research Training in Allergy and Clinical Immunology	\$178,876
2008	DUKE UNIVERSITY	NC	K08AI065837	GENETIC DETERMINANTS OF A. FUMIGATUS SUSCEPTIBILITY	\$120,663
2008	DUKE UNIVERSITY	NC	R01AI050483	POLY-FUNCTIONAL ANALYSES OF VACCINE-INDUCED T CELL RESPONSES	\$395,565
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R21AI076685	A REPORTER TRANSPOSON FOR STUDYING EXPORTED PROTEINS OF M. TUBERCULOSIS	\$181,495
2008	DUKE UNIVERSITY	NC	R01AI025783	STUDIES OF CRYPTOCOCCUS NEOFORMANS ASSOCIATED WITH AIDS	\$222,897
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	K23AI065805	IMPACT OF VACCINE ON INFLUENZA DISEASE IN YOUNG CHILDREN	\$124,038
2008	DUKE UNIVERSITY	NC	R01AI064789	NITRIC OXIDE AND MITOCHONDRIAL BIOGENESIS IN SEPSIS	\$260,046
2008	DUKE UNIVERSITY	NC	R21AI070230	GPCR SIGNALING CASCADES IN CRYPTOCOCCUS NEOFORMANS	\$191,295
2008	NOVAN INC	NC	R43AI074098	STTR PHASE 1: NITRIC OXIDE-RELEASING ANTIBACTERIAL WOUND DRESSING	\$199,992

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	F31AI077324	ALPHAVIRUS MODULATION OF THE HOST TYPE I INTERFERON SYSTEM	\$29,240
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	F31AI073245	DISSECTING THE ROLE OF IL-12 IN NAIVE CD8+ T CELL ACTIVATION BY DENDRITIC CELLS	\$40,972
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI078924	STRUCTURE AND INHIBITION OF THE CONJUGATIVE DNA RELAXASE-HELICASE	\$361,268
2008	DUKE UNIVERSITY	NC	R21AI080525	SKIN STEM CELLS IN COMBINED RADIATION INJURY	\$195,000
2008	DUKE UNIVERSITY	NC	R01AI073947	REGULATION OF THYMOCYTE MATURATION AND MATURE T LYMPHOCYTE HOMEOSTASIS BY C-FLIP	\$390,000
2008	DUKE UNIVERSITY	NC	R01AI052779	HIV-1 GENE SUPPRESSION BY CD8+ T CELLS	\$358,080
2008	DUKE UNIVERSITY	NC	R01AI073896	Pathobiology of C. neoformans in the Central Nervous System	\$386,248
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI053593	THE IMMUNOBIOLOGY OF THE HEMOGLOBIN RECEPTOR OF H. DUCREYI	\$289,330
2008	DUKE UNIVERSITY	NC	R01AI050438	Novel Antifungal Therapeutic Approaches	\$351,000
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R01AI064609	STRUCTURAL BASIS OF MEMBRANE TARGETING BY NADPH OXIDASE	\$333,696
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI068462	Structure of the HIV-1 Genome	\$391,879
2008	DUKE UNIVERSITY	NC	R01AI052201	INNATE IMMUNE MECHANISMS IN NON-INFECTIOUS LUNG INFLAMMATION	\$390,000
2008	ALPHAVAX HUMAN VACCINES INC	NC	U01AI074535	ALPHAVIRUS REPLICON VECTORS AS DOSE-SPARING ADJUVANTS FOR INFLUENZA VACCINES.	\$436,414
2008	EAST CAROLINA UNIVERSITY	NC	R01AI048499	BRUCELLA STATIONARY PHASE GENE EXPRESSION AND VIRULENCE	\$318,210
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI033066	Plant Anti-HIV Agents	\$419,292
2008	DUKE UNIVERSITY	NC	P01AI061734	CENTRALIZED HIV-1 GENES AS VACCINES	\$2,752,555
2008	RESEARCH TRIANGLE INSTITUTE	NC	U01AI069927	INTERNATIONAL EPI DATABASES TO EVALUATE AIDS (IEDEA) IN CENTRAL AFRICA (REGION 9)	\$1,451,605
2008	DUKE UNIVERSITY	NC	R01AI046611	BIOORGANIC MECHANISM OF PEPTIDE ANTIBIOTICS	\$297,196
2008	DUKE UNIVERSITY	NC	R21AI064925	RNA-PROTEIN INTERACTIONS IN FLAVIVIRUS INFECTION	\$191,295
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U19AI031496	Southeastern Sexually Transmitted Infections Cooperative Research Center	\$1,533,030
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI069116	CYCLIC AMP SIGNALING IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$329,921
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	K08AI074445	T REGULATORY CELL SUPPRESSION OF CD8+ CELL RESPONSES DURING FIV INFECTION	\$112,050

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2008	DUKE UNIVERSITY	NC	P30AI064518	Centers for AIDS Research (CFAR)	\$1,612,963
2008	DUKE UNIVERSITY	NC	R01AI068074	Understanding the Mechanism of Mucosal Immunotherapy	\$382,590
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	T32AI070114	Training in Infectious Disease Epidemiology (TIDE)	\$117,294
2008	DUKE UNIVERSITY	NC	R01AI048674	ANALYSIS OF ADAPTOR PROTEIN (LAT) IN TCR SIGNALING	\$367,286
2008	EAST CAROLINA UNIVERSITY	NC	R21AI068659	ROLE OF BACTEROIDES FRAGILIS NEW HEMOLYSINS IN EXPERIMENTAL INFECTION.	\$174,741
2008	DUKE UNIVERSITY	NC	R01AI063345	TROPHIC REGULATION IN T CELL HOMEOSTASIS AND DISEASE	\$371,495
2008	DUKE UNIVERSITY	NC	R01AI063443	GENETIC ANALYSIS OF CRYPTOCOCCUS NEOFORMANS VIRULENCE	\$413,973
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	K08AI070684	G PROTEIN COUPLED RECEPTOR REGULATORY MECHANISMS IN ARTHRITIS	\$109,683
2008	DUKE UNIVERSITY	NC	R01AI067968	Role and mechanism of action of gamma herpesvirus microRNAs	\$334,345
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	T32AI007401	Training Program in Immunology and Pathogenesis	\$178,553
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI067913	SPATIAL EPIDEMIOLOGY OF SYPHILIS AND GONORRHEA IN NORTH CAROLINA	\$345,404
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R01AI071915	MATHEMATICAL AND STATISTICAL MODELING TO INFORM DESIGN OF HIV CLINICAL TRIALS	\$804,145
2008	ATTAGENE INC	NC	U01AI061360	IDENTIFICATION OF TLR SIGNALING NETWORK	\$2,325,818
2008	DUKE UNIVERSITY	NC	F32AI075844	INVESTIGATING POST-TRANSLATIONAL REGULATION OF INNATE IMMUNITY IN C. ELEGANS	\$49,646
2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	R01AI064806	INVESTIGATION OF SYSTEMS REGULATION IN TLR SIGNALING	\$312,913
2008	DUKE UNIVERSITY	NC	K24AI001608	MIDCAREER INVESTIGATOR AWARD /PATIENT-ORIENTED RESEARCH	\$123,234
2008	DUKE UNIVERSITY	NC	R21AI071816	ASSESSING DEPLOYMENT OF MICROBICIDAL GELS WITH LABEL-FREE OPTICAL MEASUREMENT	\$191,295
2008	DUKE UNIVERSITY	NC	K08AI068822	THE IN VIVO ROLE OF SURFACTANT PROTEIN A IN ALLERGIC LUNG DISEASE	\$109,996
2008	THE HAMNER INSTITUTES	NC	R01AI061695	REGULATION OF MUC19 BY TH2 CYTOKINE IN AIRWAY EPITHELIUM	\$412,020
2008	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	NC	R21AI076829	WHOLE ORGANISM TRANSCRIPTIONAL PROFILING OF INNATE IMMUNE RESPONSE	\$245,070
2008	DUKE UNIVERSITY	NC	R01AI077706	Immune System Biological Networks:Case Study Improved Data Integration & Analysis	\$377,680
2008	WAKE FOREST UNIVERSITY HEALTH SCIENCES	NC	R03AI076561	PSEUDOMONAS BIOFILMS AND PERSISTENCE	\$74,000

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2008	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	NC	U01AI078060	A TETRAVALENT DENGUE VACCINE BASED ON ALPHAVIRUS REPLICONS	\$863,336
2008	DUKE UNIVERSITY	NC	R21AI070247	FUNGAL-SPECIFIC DRUG TARGETS: STATIC VS. CIDAL STARVATION & TOXIC INTERMEDIATES	\$229,554
2008	DO NOT USE	NC	R43AI078674	HIGH THROUGH-PUT SCREENING OF SMALL MOLECULES TO TREAT DRUG RESISTANT HIV	\$299,814
2008	DUKE UNIVERSITY	NC	R01AI068804	Host Susceptibility to S. aureus	\$847,582
2008	UNIVERSITY OF NORTH DAKOTA	ND	R03AI070193	HISTONE HYPERACETYLTATION IN REPLICATING SV40 CHROMOSOMES	\$67,500
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI038901	THE MOLECULAR CONTROL OF BACTERIAL AUTOLYSIS	\$367,500
2008	CREIGHTON UNIVERSITY	NE	R15AI076039	PHARMACOLOGY OF ANTIRETROVIRAL NANOPARTICLE MICELLES	\$224,673
2008	CREIGHTON UNIVERSITY	NE	R01AI075315	TGF-BETA, CHLORIDE CHANNELS AND MIGRATION OF EOSINOPHILS	\$358,750
2008	UNIVERSITY OF NEBRASKA, LINCOLN	NE	K25AI068151	IDENTIFICATION OF BIOLOGICAL MATERIALS OF UNKNOWN ORIGIN	\$152,705
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI067891	MOLECULAR BASIS OF THE REQUIREMENTS FOR IRF4 AND IRF8 IN PRE-B CELL DEVELOPMENT	\$350,063
2008	UNIVERSITY OF NEBRASKA LINCOLN	NE	T32AI060547	RESEARCH TRAINING IN COMPARATIVE VIRAL PATHOGENESIS	\$247,440
2008	UNIVERSITY OF NEBRASKA LINCOLN	NE	R01AI067373	DISEASE DETECTION AND PREVALENCE ESTIMATION THROUGH INFORMATIVE GROUP TESTING	\$243,388
2008	CREIGHTON UNIVERSITY	NE	R21AI070188	NOVEL TARGETS FOR TREATMENT OF PSEUDOMONAS AERUGINOSA	\$175,967
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R21AI076783	TREMATOCIDAL SYNTHETIC PERIOXIDES	\$203,791
2008	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R01AI069146	SUPPRESSION OF INNATE IMMUNITY BY AN ADP-RIBOSYLTRANSFERASE TYPE III EFFECTOR	\$363,430
2008	UNIVERSITY OF NEBRASKA LINCOLN	NE	R21AI069176	DOES THE HSV-1 LATENCY ASSOCIATED TRANSCRIPT (LAT) ENCODE A PROTEIN?	\$180,872
2008	CREIGHTON UNIVERSITY	NE	R01AI071321	MICRORNAS IN EPITHELIAL INNATE IMMUNITY TO C. PARVUM	\$307,555
2008	CREIGHTON UNIVERSITY	NE	R56AI055599	CHARACTERIZATION OF V(D)J CLEAVAGE AND REPAIR COMPLEXES	\$289,000
2008	UNIVERSITY OF NEBRASKA, LINCOLN	NE	R03AI073510	BIOSYNTHESIS OF HSAF, AN ANTIFUNGAL NATURAL PRODUCT WITH A NOVEL MODE OF ACTION	\$70,740
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R13AI080038	INTERNATIONAL CONFERENCE ON GRAM-POSITIVE PATHOGENS	\$15,000

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2008	UNIVERSITY OF NEBRASKA, LINCOLN	NE	K08AI076609	ADAPTIVE IMMUNE RESPONSE TO SYMBIOTIC BACTERIA AS A MEDIATOR OF GUT HOMEOSTASIS	\$126,630
2008	UNIVERSITY OF NEBRASKA MEDICAL CENTER	NE	R01AI073780	STAPHYLOCOCCUS AUREUS RNA TURNOVER PROPERTIES	\$371,250
2008	XIMEREX, INC	NE	R43AI080058	PERV FREE SWINE FOR XENOTRANSPLANTATION	\$300,000
2008	DARTMOUTH COLLEGE	NH	R01AI067405	MECHANISMS OF CHAPERONE-MEDIATED IMMUNE RESPONSES	\$313,724
2008	DARTMOUTH COLLEGE	NH	R01AI072661	Structural Analysis of Vibrio cholerae Virulence Gene Regulatory Proteins	\$392,155
2008	DARTMOUTH COLLEGE	NH	K08AI069915	MECHANISMS OF REGULATORY T CELL SUPPRESSION OF HIV-SPECIFIC CELLULAR IMMUNITY	\$134,799
2008	DARTMOUTH COLLEGE	NH	R01AI071761	Innate Immune Protection Against HIV-1 by Reproductive Tract Epithelial Cells	\$392,155
2008	DARTMOUTH COLLEGE	NH	R01AI069943	T cell function in murine gammaherpesvirus infection	\$352,939
2008	DARTMOUTH COLLEGE	NH	R01AI056114	RAT, A REGULATOR OF AUTOLYSIS IN S. AUREUS	\$482,291
2008	DARTMOUTH COLLEGE	NH	R01AI059694	BIOINFORMATICS STRATEGIES: BIODEFENSE VACCINE RESEARCH	\$520,502
2008	DARTMOUTH COLLEGE	NH	T32AI007519	Host-Microbe Interactions	\$220,249
2008	DARTMOUTH COLLEGE	NH	R01AI047441	IN VIVO GENE EXPRESSION IN STAPHYLOCCUS AUREUS	\$414,910
2008	DARTMOUTH COLLEGE	NH	U01AI045407	DISSEMINATED TUBERCULOSIS IN HIV INFECTION	\$300,000
2008	DARTMOUTH COLLEGE	NH	R01AI069360	TNF PROCESSING IN PULMONARY IMMUNOPATHOLOGY	\$358,672
2008	DARTMOUTH COLLEGE	NH	R21AI073142	ENHANCED HOMOLOGOUS RECOMBINATION IN TOXOPLASMA GONDII	\$235,293
2008	DARTMOUTH COLLEGE	NH	K08AI074428	MECHANISMS FOR HIV-1 PERSISTENCE IN HUMAN MAMMARY TISSUE AND BREAST MILK CELLS	\$69,011
2008	DARTMOUTH COLLEGE	NH	R21AI071948	LACTOBACILLI AS A SOURCE OF NATURAL MICROBICIDES AGAINST HIV-1	\$202,099
2008	DARTMOUTH COLLEGE	NH	R01AI013541	SEX HORMONE REGULATION OF THE MUCOSAL IMMUNE SYSTEM	\$392,155
2008	UNIVERSITY OF NEW HAMPSHIRE	NH	R03AI076831	ELUCIDATION OF COLONIZATION AND VIRULENCE THROUGH A NOVEL COMPARATIVE APPROACH	\$66,369
2008	DARTMOUTH COLLEGE	NH	R01AI039654	HIERARCHY WITHIN ENVIRONMENTAL REGULONS	\$352,939
2008	DARTMOUTH COLLEGE	NH	R01AI048667	EFFECTOR MECHANISMS IN GRAFT TOLERANCE	\$380,783

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2008	DARTMOUTH COLLEGE	NH	R01AI037142	CHARACTERIZATION OF SAR-AGR INTERACTIONS IN S. AUREUS	\$304,626
2008	DARTMOUTH COLLEGE	NH	R21AI068662	PHAGE LYSOGENY AND INHIBITION OF BIOFILM FORMATION	\$235,293
2008	DARTMOUTH COLLEGE	NH	R21AI075931	REGULATED VIRULENCE AND CYST MATURATION IN TOXOPLASMA GONDII	\$199,875
2008	DARTMOUTH COLLEGE	NH	R37AI026296	COGNATE ACTIVATION OF B-LYMPHOCYTES	\$330,675
2008	DARTMOUTH COLLEGE	NH	R21AI072412	AN ALTERNATIVE APPROACH TO A NEW SMALLPOX VACCINE: MVA AND INFLAMMATORY STIMULI	\$234,837
2008	DARTMOUTH COLLEGE	NH	R37AI025096	Genetic Determinants of Virulence in Vibrio cholerae	\$473,312
2008	DARTMOUTH COLLEGE	NH	R01AI041558	NEW MECHANISMS FOR REGULATING VIRULENCE GENE EXPRESSION	\$352,939
2008	DARTMOUTH COLLEGE	NH	T32AI007363	Immunobiology of Myeloid and Lymphoid Cells	\$447,183
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI074919	AUTOPHAGIC DEFENSE AGAINST INTRACELLULAR PARASITES	\$228,400
2008	SEMOREX INC	NJ	R43AI077495	ERGOSTEROL-BASED TEST FOR THE DIAGNOSTICS OF FUNGAL INFECTIONS	\$163,731
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI057468	ROLE OF INTERFERON-LAMBDA IN ANTIVIRAL RESPONSE	\$361,601
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072766	INHIBITORS OF BACTERIAL RNA POLYMERASE: "SWITCH REGION"	\$588,112
2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI070728	REGULATION OF SINDBIS VIRUS SUBGENOMIC RNA SYNTHESIS	\$296,243
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI034552	FUNCTIONS OF DOUBLE-STRANDED RNA BINDING PROTEINS	\$556,345
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	F31AI075859	HELMINTH MODULATION OF THE PROTECTIVE IMMUNE RESPONSE TO TUBERCULOSIS	\$24,972
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI066561	A RAPID AND EXPANDABLE NUCLEIC ACID PLATFORM TO DETECT BLOODSTREAM INFECTIONS	\$757,554
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI075490	INTEGRATED DUAL-USE SYSTEMS FOR BIO-DEFENSE & SEPSIS DIAGNOSIS	\$434,892
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069395	HEMINTH MODULATION OF MTB	\$529,987
2008	SIGNUM BIOSCIENCES INC	NJ	R43AI062034	A NOVEL CLASS OF NON STEROIDAL ANTI-INFLAMMATORIES	\$298,744
2008	RATIONAL AFFINITY DEVICES LLC	NJ	R43AI074089	SELF-REPORTING ARRAYS FOR RAPID, ROBUST AND PRECISE S. AUREUS DIAGNOSTICS	\$300,000
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R13AI078600	IMMUNODIAGNOSIS OF TUBERCULOSIS: NEW QUESTIONS, NEW TOOLS	\$15,000
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI069537	NJMS CLINICAL TRIALS UNIT: TARGETING PEDIATRIC, ADOLESCENT, AND MATERIAL HIV INFE	\$663,233

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2008	PRINCETON UNIVERSITY	NJ	R01AI063335	HUMAN CYTOMEGALOVIRUS G PROTEIN-COUPLED RECEPTORS	\$293,932
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI053835	REGULATION OF MRNA TURNOVER IN TRYPANOSOMES	\$253,121
2008	ALLIED INNOVATIVE SYSTEMS, INC	NJ	R44AI058814	ULTRASOUND MONITORED HIV RAPID TEST	\$483,141
2008	PRINCETON UNIVERSITY	NJ	F32AI074271	SUBCELLULAR PROTEIN LOCALIZATION IN PSEUDOMONAS AERUGINOSA VIRULENCE	\$46,826
2008	PRINCETON UNIVERSITY	NJ	R21AI069326	INHIBITION OF INTERSPECIES BACTERIAL QUORUM SENSING	\$232,497
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI072425	What makes ricin toxic	\$412,607
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066188	GR-1+ CELLS AND THE RESPONSE TO NEMATODE PARASITES	\$370,305
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI045761	HLA-RELEASING METALLOPROTEINASE IN ALLOGRAFT REJECTION	\$327,694
2008	PRINCETON UNIVERSITY	NJ	R01AI054430	GLOBAL GENETICS ANALYSIS OF HUMAN CYTOMEGALOVIRUS	\$330,673
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI027690	HIV-1 reverse transcriptase structure: function, inhibition, and resistance	\$833,732
2008	PRINCETON UNIVERSITY	NJ	R01AI078063	METABOLOMICS OF THE VIRUS-HOST CELL INTERACTION	\$309,781
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI046283	ANTIGENIC PROPERTIES OF THE V1/V2 DOMAIN OF HIV-1 GP120	\$508,749
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R37AI051214	Enhancing Intestinal & Brain Uptake of Anti-AIDS Drugs	\$327,953
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI071844	TLR2 REGULATION OF HOST IMMUNE RESPONSE IN TB	\$191,295
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI065987	FATTY ACID METABOLISM'S ROLE IN M.TUBERCULOSIS VIRULENCE	\$362,764
2008	PRINCETON UNIVERSITY	NJ	R56AI076276	REGULATION OF PLASMODIUM FALCIPARUM TRANSCRIPTION	\$390,409
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI068014	NEW GENES INVOLVED IN CELLULAR RESPONSES TO QUINOLONE TREATMENT	\$191,295
2008	INFECTIOUS DISEASE CONSULTANTS PC	NJ	R43AI069564	IMPROVING LYME DISEASE DIAGNOSIS THROUGH BIOINFORMATICS	\$102,720
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI055381	IDENTIFICATION OF HUMAN CYTOMEGALOVIRUS PATHOGENIC GENES	\$271,213
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI026806	Plasmacytoid Dendritic Cells in HIV pathogenesis	\$361,601
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R01AI071874	BROAD NEUTRALIZATION OF HIV-1 FROM RHINOVIRUSES DISPLAYING GP41 MPER SEQUENCES	\$331,131
2008	PRINCETON UNIVERSITY	NJ	F32AI074202	SURFACE-EXPOSURE OF LIPOPROTEINS IN GRAM-NEGATIVE BACTERIA	\$46,826

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2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI066046	HOST-PATHOGEN INTERACTIONS AND M.TB DRUG RESISTANCE	\$323,659
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI069397	Mechanism of clinical resistance to echinocandin antifungal drugs	\$382,590
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI078410	NOVEL EPITOPES THAT MEDIATE BROAD NEUTRALIZATION OF CLADE B AND C HIV-1 ISOLATES	\$648,004
2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI067474	HUMAN KERATIN (K14)-MBP/MBP-TCR TRANSGENIC ANIMAL MODEL	\$184,360
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	U01AI065663	US BRAZIL COLLABORATION ON IMMUNITY AND BIOMARKERS IN TUBERCULOSIS	\$482,095
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI044856	Mechanisms and regulation of Mycobacterium tuberculosis iron acquisition	\$488,469
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI054338	HOST-PATHOGEN DETERMINANTS OF M.TB LATENCY	\$556,195
2008	PRINCETON UNIVERSITY	NJ	R01AI058172	MOLECULAR FUNCTIONS OF THE ADENOVIRAL E1B 55 KDA PROTEIN	\$367,415
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R01AI073491	Novel fluoroquinolones for killing dormant Mycobacterium tuberculosis	\$696,668
2008	PRINCETON UNIVERSITY	NJ	R01AI054442	STRUCTURE-FUNCTION ANALYSIS OF AI-2 QUORUM SENSING	\$436,260
2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R01AI070039	HIGH THROUGHPUT SCREENING TO IDENTIFY ANTAGONISTS OF HIV-1 LATENCY	\$503,993
2008	RUTGERS THE STATE UNIVERSITY OF NEW JERSEY	NJ	R21AI074769	RNAP-BINDING PROTEINS ENCODED BY THERMUS PHAGES	\$227,347
2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	P01AI057596	ROLE OF MRNA DECAY IN THE IMMUNE SYSTEM	\$1,683,450
2008	PRINCETON UNIVERSITY	NJ	F32AI073043	GLOBAL ANALYSIS OF CAULOBACTER PROTEIN LOCALIZATION	\$49,646
2008	UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	NJ	R21AI072245	HUMAN BETA-DEFENSIN-1 IN HSV-1 INNATE IMMUNITY	\$229,554
2008	UMDNJ, ROBERT WOOD JOHNSON MED SCH	NJ	R21AI071954	PEPTIDE DEFORMYLASE INHIBITOR LBM415 FOR SEXUALLY TRANSMITTED INFECTIONS	\$196,628
2008	LOS ALAMOS NATIONAL SECURITY LLC	NM	R21AI077072	TRACKING THE 3-D INTRACELLULAR SPATIAL TRAJECTORY OF AN INDIVIDUAL IGE MOLECULE	\$241,402
2008	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R01AI061787	MATERNAL INFLUENCE IN THE DEVELOPMENT OF ASTHMA	\$554,558
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	K25AI060036	MEMBRANE ORGANIZATION IN CELL SIGNALING AND ADHESION	\$140,778
2008	NEW MEXICO HIGHLANDS UNIVERSITY	NM	SC2AI081657	PHARMACEUTICAL POLYMORPHS: AN ELECTRONIC APPROACH	\$108,750
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI066045	T. CRUZI MOLECULAR TARGETS FOR VECTOR PARATRANSGENESIS	\$352,766

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI024340	BIOLOGY OF TREMATODE-SNAIL ASSOCIATIONS	\$321,486
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	P01AI056295	PULMONARY RESPONSES TO BIOWEAPON CATEGORY A PATHOGENS	\$2,769,297
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI069345	AUTOPHAGY IN TUBERCULOSIS	\$365,423
2008	LOS ALAMOS NATIONAL SECURITY LLC	NM	R01AI072334	NUCLEIC ACID DIPSTICK FOR RAPID AVIAN FLU DETECTION AT POINT-OF-CARE	\$868,356
2008	LOS ALAMOS NATIONAL SECURITY LLC	NM	R37AI028433	IMMUNE SYSTEM MODELING/HIV	\$266,057
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067380	Quasispecies dynamics in arbovirus persistence emergence and fitness	\$367,875
2008	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	U01AI074561	T5000 DIAGNOSTIC SYSTEM IN FERRET MODEL OF INFLUENZA	\$720,975
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI074011	HANTAVIRUS RNA ENCAPSIDATION AND PACKAGING	\$375,000
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI067686	MOLECULAR STUDIES OF IMMUNOPARASITOLOGY IN SNAILS	\$367,875
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	F32AI074246	CHARACTERIZATION OF INNATE IMMUNE RESPONSE STIMULATION BY SIN NOMBRE VIRUS	\$52,898
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI051305	GENETIC BASIS OF SEVERE MALARIAL ANEMIA	\$579,613
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI065240	INDUCTION OF AUTOANTIBODIES AGAINST CCR5	\$250,044
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI064926	INNATE IMMUNITY AND BACTERIAL QUORUM SENSING	\$348,812
2008	LOVELACE BIOMEDICAL & ENVIRONMENTAL RESEARCH INSTITUTE	NM	R21AI073607	MODELING INFLUENZA VIRUS REPLICATION IN PRIMARY HUMAN LUNG CELLS	\$222,889
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	T32AI007538	Biology of Infectious Disease and Inflammation	\$239,304
2008	SENIOR SCIENTIFIC	NM	R44AI066765	BIOMAGNETIC DETERMINATION OF TRANSPLANT REJECTION	\$455,808
2008	UNIVERSITY OF NEW MEXICO (THE)	NM	R01AI044913	EVO-EPIDEMIOLOGY OF SCHISTOSOMA MANSONI IN WESTERN KENYA	\$263,935
2008	SANDIA NATIONAL LABORATORIES	NM	U01AI075441	Portable Microfluidic Platform for Biotxin Diagnostics	\$657,264
2008	NEW MEXICO STATE UNIVERSITY	NM	SC2AI081526	SYNTHETIC METHODS TOWARD ANTIMICROBIAL TERT-ALKYLAMINO CARBOCYCLES	\$141,400
2008	UNIVERSITY OF NEVADA-RENO	NV	R01AI045096	Characterization of HCMV UL84	\$303,468
2008	UNIVERSITY OF NEVADA-RENO	NV	R01AI014209	CRYPTOCOCCAL POLYSACCHARIDE-PHAGOCYTOSIS INHIBITION	\$387,559
2008	UNIVERSITY OF NEVADA-RENO	NV	U01AI061200	PGA ANTIGENEMIA FOR EARLY DIAGNOSIS OF ANTHRAX	\$822,013
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI071815	HIV ENV-INDUCED SYNAPSE AND SIGNALING	\$207,491

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2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI078273	REGULATION OF CD4 T CELL DEVELOPMENT AND FUNCTION BY BCL11B TRANSCRIPTION FACTOR	\$235,500
2008	COLD SPRING HARBOR LABORATORY	NY	R13AI078720	2008 CSHL GENE EXPRESSION AND SIGNALING IN THE IMMUNE SYSTEM CONFERENCE	\$10,000
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI030165	POST-TRANSCRIPTIONAL REGULATION OF INFLAMMATORY MEDIATORS	\$412,020
2008	TRUDEAU INSTITUTE	NY	R01AI069121	T CELL MEMORY TO TB IN THE LUNG	\$445,000
2008	APPLIED BIOMATHEMATICS, INC	NY	R43AI077146	OUTBREAK DETECTION: COMBINATORIAL TESTS FOR SMALL SAMPLES	\$99,990
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007531	Training in Pediatric Infectious Diseases	\$117,394
2008	CORNELL UNIVERSITY	NY	R01AI063036	REOVIRUS FACTORIES: STRUCTURE, FUNCTION, AND DYNAMICS	\$293,932
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI047033	THE TRANSMISSION AND FITNESS OF DRUG RESISTANT HIV-1	\$596,433
2008	BETH ISRAEL MEDICAL CENTER	NY	U01AI046370	ADULT THERAPEUTIC CLINICAL TRIALS PROGRAM IN AIDS	\$457,332
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI046980	TRANSMISSION & PATHOGENESIS OF X4 & R5 SHIVS	\$651,692
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI028900	ISGF3 TRANSCRIPTION FACTOR FAMILY IN CYTOKINE SIGNALING	\$593,393
2008	UNIVERSITY OF ROCHESTER	NY	F31AI068610	NONCLASSICAL MHC AND EARLY THYMOCYTE DEVELOPMENT	\$43,968
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064768	Biology of lipoamide dehydrogenase and 2-hydroxy-3-oxoadipate synthase in Mtb	\$861,514
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059663	MONOCLONAL ANTIBODIES TO INHIBIT ASPERGILLUS GERMINATION	\$395,309
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI013509	CELLULAR AND STRUCTURAL STUDIES OF MYELOMA MUTANTS	\$398,893
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI061093	Cellular & Molecular Defects in Human B Cell Development	\$1,416,775
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045459	VARIABLE GENE USE AND PNEUMOCOCCAL IMMUNITY IN AIDS	\$395,309
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI068989	THE MEVALONATE PATHWAY IN STREPTOCOCCUS	\$530,598
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063477	ETIOLOGY & PATHOGENESIS OF CHRONIC TONSILLAR HYPERTROPHY	\$314,396
2008	ROCKEFELLER UNIVERSITY	NY	R01AI057905	STUDIES ON ZAP, A BROAD-SPECTRUM ALPHAVIRUS INHIBITOR	\$353,697
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068776	SIRNA-MEDIATED SILENCING OF VIRAL INFECTION & VIRAL SUPPRESSORS OF RNA SILENCING	\$356,254
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI049653	Differentiation/migratory fate of monocyte-derived cells	\$369,073

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2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI059536	Ebola virus VP24_a novel inhibitor of interferon and oxidative stress signaling	\$345,672
2008	ROCKEFELLER UNIVERSITY	NY	R01AI057472	Isolation of new phage enzymes to kill B. anthracis	\$362,208
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060496	DIFFERENTIATION AND SIGNALING IN TOXOPLASMOSIS	\$349,511
2008	BRONX-LEBANON HOSPITAL CENTER	NY	U01AI069413	BRONX-LEBANON HOSPITAL CLINICAL TRIALS UNIT	\$712,045
2008	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R03AI074801	INTRACELLULAR SIGNALING BY THE PRECURSOR B CELL RECEPTOR	\$76,518
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060899	Bacterial N-Acetyltransferases: Resistance to Regulation	\$449,911
2008	UNIVERSITY OF ROCHESTER	NY	R01AI064463	KUPFFER CELLS IN LIVER IMMUNOPATHOLOGY	\$371,495
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R37AI039031	CC-chemokines in Listeria infection.	\$447,827
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	U54AI057158	Northeast Biodefense Center	\$9,168,492
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI068591	ENGINEERED GP41 PEPTIDES AS HIV-1 TOPICAL MICROBICIDES	\$400,072
2008	ROCKEFELLER UNIVERSITY	NY	R01AI037526	Class Switch Recombination in B Lymphocytes	\$392,994
2008	UNIVERSITY OF ROCHESTER	NY	R21AI073579	LAMBDA PHAGE AS A SCAFFOLD FOR INFLUENZA IMMUNIZATION	\$226,611
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI041420	Second Receptors for Primate Immunodeficiency Viruses	\$1,088,902
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI036085	DESIGN AND USE OF HIV V3 MIMETIC IMMUNOGENS	\$643,919
2008	TRUDEAU INSTITUTE	NY	R21AI073462	FUNCTIONAL CLONING OF S. MANSONI EGG-SPECIFIC TH2 CELLS	\$218,273
2008	SUNY, STONY BROOK	NY	P01AI055621	AGENTS OF BIOTERRORISM: PATHOGENESIS AND HOST DEFENSE	\$2,562,708
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073899	THE REGULATORY CONTROL MECHANISMS OF CROSS-PRESENTATION BY TOLL-LIKE RECEPTORS	\$423,750
2008	NATIONAL DEVELOPMENT & RESEARCH INSTITUTES, INC	NY	R01AI070005	PEER-DRIVEN INTERVENTION TO ENROLL MINORITIES/WOMEN IN HIV/AIDS CLINICAL TRIALS	\$803,751
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI071979	DEVELOPMENT OF N-PEPTIDES FOR USE IN HIV-1 TOPICAL MICROBICIDES	\$250,001
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI073898	Virus Host Interactions that Regulate Translation in Cells Infected with HSV-1	\$423,541
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI071326	MECHANISMS OF TRANSMIGRATION OF HIV INFECTED CELLS ACROSS THE BLOOD BRAIN BARRIER	\$45,972
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI080583	New signaling pathways that positively and negatively regulate CD4 T cells via th	\$42,354

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2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI080446	CONTROLLING RADIATION INJURY BY TLR5 AGONISTS	\$338,417
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI072487	TYPE IV SECRETION SYSTEMS IN LEGIONELLA PNEUMOPHILA	\$366,404
2008	THE FOUNDATION FOR AIDS RESEARCH	NY	U01AI069907	IeDEA Asia-Pacific Research Collaboration	\$1,240,736
2008	SUNY, STONY BROOK	NY	R21AI075176	REGULATION OF TCR SIGNALING BY A NOVEL ENZYME ACTIVITY.	\$228,083
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI078466	PRESENTATION OF STRUCTURAL DETERMINANTS OF THE 2F5 NEUTRALIZATION EPITOPE	\$252,000
2008	SUNY, STONY BROOK	NY	R01AI068463	CELLULAR PROTEINS INVOLVED IN TRAFFICKING OF HIV-1	\$339,331
2008	TRUDEAU INSTITUTE	NY	R01AI063399	NAD AND CD38: MODULATORS OF INFLAMMATION AND IMMUNITY	\$392,891
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI072466	BOTULINUM NEUROTOXIN DERIVATIVES FOR TARGETED NEURONAL DELIVERY	\$241,005
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI071078	MODULATING IMMUNITY THROUGH DENDRITIC CELL PHAGOCYtic RECEPTORS	\$423,541
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI073237	IDENTIFICATION OF TRIM5ALPHA COFACTORS	\$124,649
2008	BIOMEDICAL MANAGEMENT CORPORATION	NY	R43AI080001	IMMUNOMODULATION OF SOPHOROLIPIDS IN SEPSIS	\$99,999
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	F32AI071765	P.FALCIPARUM VAR GENES IN URBAN MALARIA & SEVERE MALARIA	\$58,886
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R03AI079544	MECHANISMS OF ORAL IMMUNOTHERAPY-INDUCED SUPPRESSION OF TYPE I HYPERSENSITIVITY.	\$84,750
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI079776	HIV INTEGRASE AS A TARGET FOR TOPICAL MICROBICIDE DEVELOPMENT	\$254,248
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R56AI076335	DESIGN OF PEPTIDE ENTRY INHIBITORS AND DELIVERY SYSTEMS TO TARGET EMERGING HENIPA	\$778,057
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U19AI076982	A PRACTICAL MICROBICIDE BASED ON HIV-1 ENTRY INHIBITORS	\$3,261,941
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI051242	Cellular and Bacterial Dynamics in Tuberculosis	\$534,000
2008	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI070285	Structure biology of Mycobacterium tuberculosis Pup-proteasome pathway	\$364,986
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI075141	AN ALTERNATE PATHWAY TO AUTOIMMUNITY	\$371,438
2008	CUNY, RESEARCH FOUNDATION	NY	R01AI023859	Role of CD14 and other innate immune receptors in severe sepsis	\$385,000
2008	ROCKEFELLER UNIVERSITY	NY	R01AI068058	CONTROL OF T CELL SIGNALING BY METHYLTRANSFERASE EZH2	\$414,473
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI072571	Molecular Control of Plasmacytoid Dendritic Cell Development and Function	\$320,077

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2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI067703	Genetic Control of C. albicans Biofilm Formation	\$363,733
2008	MONTEFIORE MEDICAL CENTER	NY	U01AI035004	Womens Interagency HIV Study (WIHS-V)	\$3,257,199
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062855	IL-6 AND EARLY TH2 COMMITMENT	\$354,743
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI062765	Induction and Migration of Regulatory T Cells: Role of Lymphotoxin	\$394,157
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI056840	Structure and Function of the Circumsporozoite Protein	\$456,587
2008	CUNY, RESEARCH FOUNDATION	NY	R01AI053050	CHROMATIN BASED GENE REGULATION IN T LYMPHOCYTES	\$247,424
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI061679	ROLE OF CALCIUM SIGNALING IN HSV-2 INVASION	\$347,418
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI064842	A NEW TARGET FOR MALARIA DRUG DEVELOPMENT	\$312,535
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI031971	Molecular basis for paramyxovirus entry	\$420,000
2008	TRUDEAU INSTITUTE	NY	R01AI067723	THE ROLE OF IL-12P40 IN THE RESPONSE OF PULMONARY DENDRITIC CELLS TO TUBERCULOSIS	\$416,742
2008	NEW YORK MEDICAL COLLEGE	NY	R01AI055652	ANTIGEN CAPTURE ASSAYS FOR RAPID DETECTION OF Y. PESTIS	\$354,951
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI063530	MOSQUITO INJECTION OF PLASMODIUM SPOROZOITES INTO SKIN	\$392,994
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069419	CORNELL CLINICAL TRIALS UNIT	\$1,184,443
2008	ROCKEFELLER UNIVERSITY	NY	R01AI071029	THE ROLE OF AID PROTEIN IN THE HOST RESPONSE TO VIRAL INFECTION	\$281,716
2008	NEW YORK MEDICAL COLLEGE	NY	R01AI072028	TOXOPLASMA GONDII EVASION OF IMMUNE EFFECTER MECHANISMS	\$350,585
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI064001	HIV Evolution Driven by Intracellular Defenses	\$354,743
2008	UNIVERSITY OF ROCHESTER	NY	R01AI063353	T CELL RESPONSES TO LIVER ANTIGENS	\$362,764
2008	ROCKEFELLER UNIVERSITY	NY	R01AI065508	BIOCHEMICAL MECHANISM OF POXVIRUS REPLICATION	\$353,697
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI064693	Mechanisms of Mycobacterial DNA Repair and Mutagenesis	\$424,620
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI050111	HIV-1 assembly and release	\$353,160
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI026170	MOLECULAR GENETIC ANALYSIS OF MYCOBACTERIUM TUBERCULOSIS	\$419,399
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI059739	IMMUNOBIOLOGY OF NKT CELL DEVELOPMENT AND FUNCTION	\$440,555
2008	ROCKEFELLER UNIVERSITY	NY	R01AI063233	HOST FACTORS IN THE ALPHAVIRUS REPLICATION COMPLEX	\$314,396
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AR050401	Cytokine Balance in Rheumatoid Arthritis	\$331,223

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2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI073736	POXVIRUS INTERFACE WITH SKIN IMMUNE SYSTEM, DEVELOPMENT OF ANTI-POXVIRUS DRUGS	\$134,298
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI044628	Induction of Immunity by Non-Replicating HIV-1	\$456,510
2008	ROCKEFELLER UNIVERSITY	NY	P01AI051573	INNATE FUNCTIONS OF DENDRITIC CELLS IN AUTOREACTIVITY	\$1,775,873
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI045889	BINDING AND PRESENTATION OF LIPID ANTIGENS BY CD1	\$336,311
2008	CORNELL UNIVERSITY	NY	R01AI064950	Functional and Comparative Genomics of Drosophila Immunity	\$357,092
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007647	Training Program in Mechanisms of Virus-Host Interactions	\$331,675
2008	COLUMBIA UNIVERSITY	NY	U01AI069466	CENTERS FOR INNOVATIVE RESEARCH TO CONTROL AIDS	\$4,522,633
2008	UNIVERSITY OF ROCHESTER	NY	R24AI059830	A Xenopus Laevis Research Resource for Immunobiology	\$222,897
2008	TRUDEAU INSTITUTE	NY	R01AI042927	T CELL IMMUNITY TO MHV 68, A MURINE GAMMA HERPESVIRUS	\$325,558
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	P01AI058113	MOLECULAR AND BIOLOGICAL CHARACTERIZATION OF PANDEMIC FLU	\$2,397,637
2008	UNIVERSITY OF ROCHESTER	NY	K23AI067501	IMMUNE MECHANISMS OF SEVERE RSV DISEASE- T CELL AND ANTIBODY RESPONSES	\$135,967
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R13AI051522	Upstate New York Immunology Conference	\$9,500
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI074539	NOVEL CELLULAR AND VIRAL TARGETS FOR ANTI-INFLUENZA VIRUS DRUGS	\$1,397,389
2008	SUNY, BUFFALO	NY	T32AI007614	Training in Microbial Pathogenesis	\$27,755
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068900	LYMPHOID TISSUE MICROVESSEL GROWTH	\$385,901
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI065303	Immunobiology of Regulatory T Cells in HIV Infection	\$393,672
2008	ALBANY COLLEGE OF PHARMACY	NY	R15AI072744	THE ROLE OF THE SPLEEN IN THE FEBRILE REPOSE	\$231,000
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	U01AI074509	DNA VACCINE FOR SEASONAL & PANDEMIC INFLUENZA	\$1,157,024
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI073450	Modulation of Innate and Adaptive Immunity by Dengue Virus	\$339,000
2008	POPULATION COUNCIL, INC	NY	U19AI065412	ZCM: A NOVEL BROAD-SPECTRUM MICROBICIDE FOR STIS	\$1,106,652
2008	UNIVERSITY OF ROCHESTER	NY	F32AI074272	SIGNALS REQUIRED FOR THE EXECUTION OF TH2 EFFECTOR FUNCTION	\$49,646
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007501	Training in HIV/AIDS Pathogenesis; Basic and Translational Research	\$301,214
2008	SIGA TECHNOLOGIES, INC	NY	R44AI056409	SMALL MOLECULE INHIBITORS OF SMALLPOX VIRUS REPLICATION	\$1,829,082

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2008	UNIVERSITY OF ROCHESTER	NY	T32AI007464	Training in Pediatric Infectious Diseases	\$172,884
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI077333	CHARACTERIZATION OF THE ANTI-INTERFERON PROPERTIES OF THE DENGUE NS4B	\$34,188
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI078884	COMPLICATIONS OF CHRONIC VIRAL INFECTIONS	\$171,576
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079363	ROLE OF NFAT IN THE TREG-MEDIATED SUPPRESSION OF T HELPER CELL ACTIVATION	\$207,500
2008	TRUDEAU INSTITUTE	NY	R21AI079537	MECHANISMS OF NON-NEUTRALIZING ANTIBODY-MEDIATED PROTECTION FROM INFLUENZA VIRUS	\$267,000
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI080455	STRATEGIES TO ENHANCE LYMPHOID RECOVERY AFTER RADIATION-INDUCED INJURY	\$474,750
2008	CORNELL UNIVERSITY	NY	R01AI066054	SYNAPTOTAGMIN FUNCTION IN VIRUS MOVEMENT AND PLANT DEVELOPMENT	\$359,612
2008	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	R21AI079792	HIV SEXUAL TRANSMISSION IN MICE:STUDY OF MICROBICIDE EFFICACY	\$213,556
2008	ROCKEFELLER UNIVERSITY	NY	R01AI011822	PROPERTIES OF STREPTOCOCCAL M PROTEIN	\$420,000
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R21AI076841	RESISTANCE OF BACILLUS ANTHRACIS TO LYSOZYME	\$241,500
2008	UNIVERSITY OF ROCHESTER	NY	R01AI079446	REDUCTION OF UNECESSARY ANTIBIOTICS IN ADULTS BY THE USE OF VIRAL DIAGNOSTICS	\$426,714
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R56AI069217	MECHANISMS OF WEST NILE VIRUS SELECTION AND STRAIN DISPLACEMENT	\$397,357
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI070117	Geographic Medicine and Emerging Infections	\$313,596
2008	ORTHOSYSTEMS INC	NY	R43AI075739	SIMPLE DNA/RNA PROBES FOR PROTEIN TARGETS	\$194,084
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI051340	IRES-mediated translation initiation on viral mRNAs	\$390,641
2008	NEW YORK MEDICAL COLLEGE	NY	R21AI079345	VIRULENCE GENE DISCOVERY IN OUTBREAK-ASSOCIATED PNEUMOCOCCI	\$158,917
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045937	Structural and functional elucidation of the necrosome in innate immune signaling	\$497,757
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI067136	MECHANISMS OF IN VIVO PROTECTION FROM HIV INFECTION	\$407,115
2008	COLD SPRING HARBOR LABORATORY	NY	R01AI077459	MOLECULAR BIOLOGY OF LENTIVIRAL VPR AND VPX PROTEINS	\$420,000
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	T32AI007180	Infectious Disease and Basic Microbiological Mechanisms. - Renewal - 1	\$479,349
2008	TRUDEAU INSTITUTE	NY	R01AI076499	REGULATION OF MEMORY CD8+ T CELL RECRUITMENT TO THE LUNG	\$445,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI071998	MONOCYTE-MEDIATED HOST DEFENSE AGAINST ASPERGILLUS FUMIGATUS	\$106,801
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI067059	The Role of Vpr and Vpx in Lentivirus Replication	\$422,813
2008	CORNELL UNIVERSITY	NY	R01AI028385	MECHANISMS OF PARVOVIRUS INFECTION AND HOST RANGE	\$367,501
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI030138	MOLECULAR GENETICS OF EXOTOXIN REGULATION IN S AUREUS	\$397,276
2008	UNIVERSITY OF ROCHESTER	NY	R01AI041387	IMPACT OF NNRTI-RESISTANCE ON RNASE H & HIV REPLICATION	\$370,764
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI076941	EFFECTS OF CARBON DIOXIDE ON M. TUBERCULOSIS GROWTH AND GENE EXPRESSION	\$219,544
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI054139	Malaria Vector Biology in Brazil: Genetics and Ecology	\$591,284
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041706	THE ROLE OF IRF PROTEINS IN GENE TRANSCRIPTION	\$275,909
2008	CORNELL UNIVERSITY	NY	R01AI014490	IMMUNITY TO PARASITIC INFECTION	\$325,210
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063446	Conditional Expression of Mycobacterial Genes	\$458,896
2008	CORNELL UNIVERSITY	NY	R01AI050617	SIGNAL TRANSDUCTION DURING TOXOPLASMA INFECTION	\$370,651
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI007289	MOLECULAR AND STRUCTURAL BASIS FOR T CELL COSTIMULATION	\$495,315
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI055358	REGULATION OF MACROPHAGE CELL DEATH BY TOXOPLASMA GONDII	\$388,343
2008	INSTITUT PASTEUR	NY	R01AI042361	Genomics of Mosquito Resistance to Plasmodium	\$290,682
2008	ST LUKE'S - ROOSEVELT INSTITUTE FOR HEALTH SCIENCES	NY	U01AI061286	HRF, AN NFKB ANTAGONIST TARGETING MULTIPLE PATHOGENES	\$296,367
2008	TRUDEAU INSTITUTE	NY	R01AI068056	GENERATION AND MAINTENANCE OF INFLUENZA-SPECIFIC PLASMA AND MEMORY B CELLS	\$375,067
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K24AI051966	ANTIRETROVIRAL THERAPY FOR HIV-INFECTED PATIENTS	\$183,986
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI062980	DENDRITIC CELL BEHAVIOR AT THE MATERNAL/FETAL INTERFACE	\$392,994
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI036420	MECHANISMS OF V(D) J RECOMBINATION	\$353,697
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	T32AI007506	MOLECULAR PATHOGENESIS OF INFECTIOUS DISEASES	\$306,701
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI066938	HIV VACCINE DEVELOPMENT USING RECOMBINANT COXSACKIEVIRUSES	\$286,186
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI063142	AD5 FIBER AND PENTON MTS: INFLUENCE ON IMMUNE ACTIVATION	\$390,669
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045463	MODIFIED ENVELOPE GLYCOPROTEINS FOR HIV-1 VACCINE	\$324,695

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2008	UNIVERSITY OF ROCHESTER	NY	R01AI065217	CLINICAL SIGNIFICANCE OF HIV REPLICATION FITNESS	\$371,495
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI063499	cAMP signaling pathways within Mycobacterium tuberculosis	\$277,569
2008	ROCKEFELLER UNIVERSITY	NY	R01AI013013	Properties of Mouse of Dendritic Cells and Macrophages	\$549,187
2008	UNIVERSITY OF ROCHESTER	NY	R24AI054953	HUMAN IMMUNOLOGY CENTER AT THE UNIVERSITY OF ROCHESTER	\$823,655
2008	ROCKEFELLER UNIVERSITY	NY	R37AI040045	DENDRITIC CELLS AND THE PATHOGENESIS OF HIV-1 INFECTION	\$645,741
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI067359	CHARACTERIZATION OF ASPERGILLUS FUMIGATUS SPECIFIC CD4 T CELL RESPONSES.	\$434,840
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064678	REGULATION OF RECALL RESPONSES DURING EHRlichiosis	\$329,394
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R37AI041945	PHENOTYPIC AND GENETIC DETERMINANTS OF SHIV PATHOGENESIS	\$580,136
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070107	GENOMICS OF CHRONIC RENAL ALLOGRAFT REJECTION	\$1,601,146
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI061741	PATHWAYS THAT REGULATE MONOCYTE/DENDRITIC CELL MIGRATION	\$394,330
2008	UNIVERSITY OF ROCHESTER	NY	U01AI045969	PATHOGENESIS OF RSV DISEASE IN THE ELDERLY	\$453,367
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI078788	Overcoming Host Restriction Factors to Develop Better Animal Models for HIV/AIDS	\$477,250
2008	UNIVERSITY OF ROCHESTER	NY	R21AI076781	RSV VACCINE DEVELOPMENT BASED ON HPV VIRUS-LIKE PARTICLES	\$227,490
2008	UNIVERSITY OF ROCHESTER	NY	R01AI023302	MONOCLONAL ANTIBODIES FOR THE STUDY OF P. CARINII	\$362,764
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI065773	ESTABLISHING THE MOLECULAR MECHANISMS OF BCR ENDOCYTOSIS	\$385,043
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI075222	CHARACTERIZATION OF INFLAMMASOME ACTIVATION IN ANTHRAX LETHAL TOXIN-MEDIATED CYTO	\$203,558
2008	THERAPYX INC	NY	R43AI074252	CO-ENCAPSULATION OF IRON AND IL-12 AS AN EXTRA-INTESTINAL E. COLI VACCINE.	\$292,501
2008	UNIVERSITY OF ROCHESTER	NY	R01AI080401	HEMATOPOIETIC TARGETS OF RADIATION: IDENTIFICATION AND MITIGATION	\$385,000
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI041715	REGULATION OF B CELL FUNCTION BY INTERLEUKIN 12	\$346,538
2008	POPULATION COUNCIL, INC	NY	R37AI040877	Modulating mucosal DCs and T cells to limit SIV spread	\$938,409
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI073178	VPR AS A MEDIATOR PROTEASOMAL DEGRADATION	\$346,538

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2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI076178	STRUCTURAL ANALYSIS , MUTATION AND THERAPEUTIC USE OF TCRS FROM HIV-SPECIFIC CTLs	\$249,000
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI076166	INSULIN-LIKE GROWTH FACTOR AXIS INFLUENCE ON HIV AND HPV PATHOGENESIS IN WOMEN	\$480,014
2008	ROCKEFELLER UNIVERSITY	NY	T32AI070084	Immunity and Infectious Disease	\$88,100
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R56AI069379	INNATE AND ADAPTIVE IMMUNE RESPONSE TO BACTERIAL INFECTIONS IN COPD PATIENTS	\$398,735
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI078839	MECHANISMS OF INTRINSIC RESISTANCE TO HIV INFECTION IN PRIMARY HUMAN T CELLS	\$211,875
2008	UNIVERSITY OF ROCHESTER	NY	R21AI069053	MODULATION OF HOST CELL APOPTOSIS BY PATHOGENIC RICKETTSIAE	\$188,843
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI067846	Role of BCL11B in CD4+ T Cells	\$385,043
2008	UNIVERSITY OF ROCHESTER	NY	F32AI080104	EXAMINING A ROLE FOR G ALPHA Q IN PREVENTING AUTOIMMUNE DISEASE	\$49,646
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI076092	PROTHYMOSIN-ALPHA- A NOVEL ANTIVIRAL RESTRICTION FACTOR	\$254,250
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI079709	PHARMACOLOGIC APPROACHES TO COMBATING RESISTANCE TO ANTIMALARIAL COMBINATIONS	\$579,356
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K24AI080298	HIV activation in secondary pulmonary infection	\$139,368
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI073257	REGULATION OF INTERFERON SIGNALING BY INI1/HSNF5 DURING HIV-1 REPLICATION	\$244,269
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI073658	IMPROVING MALARIA PRE-ERYTHROCYTIC VACCINES	\$460,521
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI018449	STRUCTURE/FUNCTION OF VARICELLA ZOSTER VIRUS DNA.	\$393,533
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072039	LYMPHOID STRUCTURE IN TOLERANCE	\$415,699
2008	TRUDEAU INSTITUTE	NY	R01AI072689	FUNCTION OF NALT IN NASAL IMMUNIZATION TO HETEROTYPIC STRAINS OF INFLUENZA	\$392,891
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI065309	Impact of HSV-2 on Female Genital Tract Mucosal Immunity & HIV Infection	\$328,391
2008	CORNELL UNIVERSITY	NY	R01AI018306	Structure-Function Relationships of Immunoreceptors	\$396,260
2008	TRUDEAU INSTITUTE	NY	R01AI073564	T CELL RESPONSES TO CHRONIC BACTERIAL INFECTION	\$458,860
2008	UNIVERSITY OF ROCHESTER	NY	R01AI067391	Protein Interactions Involved in Orthopoxvirus Envelopment	\$339,917
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R03AI078822	MODULATION OF HIV-1 INFECTION BY CCL18	\$0
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI074420	MECHANISMS OF HIGHLY EFFICIENT HIV TRANSFER AT VIROLOGICAL SYNAPSES	\$429,625

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2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064654	ROLE OF ANTHRAX TOXIN RECEPTORS IN ANGIOGENESIS AND ENDOTHELIUM	\$402,500
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R21AI077451	THE IMMUNOGLOBULIN GENE USAGE FOR ANTI-V3 MONOCLONAL ANTIBODIES	\$243,375
2008	UNIVERSITY OF ROCHESTER	NY	R01AI049781	Replicational Fidelity and Lentiviral Pathogenesis	\$344,331
2008	INNOVATIVE BIOTECHNOLOGIES INTERNATIONAL	NY	R43AI077025	SIMPLE AND RAPID ON-SITE MOLECULAR DETECTION OF MYCOBACTERIUM TUBERCULOSIS	\$99,975
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI019641	Persistent H. influenzae in COPD - virulence, vaccines and antibiotic resistance	\$313,189
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI049512	PURINE PATHWAYS AND INHIBITOR DESIGN IN PLASMODIUM	\$510,862
2008	BROOKHAVEN SCIENCE ASSOCIATES, LLC	NY	R01AI041599	ANTIVIRAL AGENTS DIRECTED TO NOVEL TARGETS IN THE ADENOVIRUS PROTEINASE	\$782,570
2008	CORNELL UNIVERSITY	NY	R01AI052151	REGULATORY NETWORKS CONTRIBUTING TO L. MONOCYTOGENES TRANSMISSION AND VIRULENCE	\$339,665
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI052774	LATE EVENTS IN RETROVIRUS ASSEMBLY	\$396,815
2008	ROCKEFELLER UNIVERSITY	NY	R01AI045738	Antibiotic resistant genes and resistant phenotypes in MRSA and VISA strains	\$525,863
2008	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	K02AI057384	ACTIN NUCLEATION BY INTEGRIN COMPLEXES	\$113,652
2008	ROCKEFELLER UNIVERSITY	NY	F32AI066674	SETDB2 METHYLTRANSFERASE IN B CELL DIFFERENTIATION	\$50,428
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI062931	CBL MEDIATED UBIQUITINATION IN AUTOIMMUNITY	\$383,402
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041111	TH1 AND TH2 RESPONSES IN VIRAL IMMUNITY	\$315,326
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI059667	TYPE I INTERFERONS IN IMMUNITY TO TUBERCULOSIS	\$392,994
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI064003	DISCOVERY AND MECHANISM OF ANTIRETROVIRAL FACTORS	\$418,574
2008	ROCKEFELLER UNIVERSITY	NY	R01AI032489	STAT ACTIVATION: INACTIVATION CYCLE AND ACTIVATED STAT3 IN CANCER CELLS	\$402,453
2008	SUNY, STONY BROOK	NY	R01AI047837	Regulation of morphogenesis in C. albicans	\$292,072
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI042382	STRUCTURE AND FUNCTION OF THE HIV-1 ENVELOPE PROTEIN	\$390,669
2008	CORNELL UNIVERSITY	NY	R01AI002908	SECRETIONS OF ARTHROPODS	\$257,191
2008	ROCKEFELLER UNIVERSITY	NY	R01AI045816	M. LEPRAE-INDUCED CONTACT-DEPENDENT DEMYELINATION	\$314,396
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI060706	NONINVASIVE DIAGNOSIS OF BKV NEPHROPATHY	\$351,604

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2008	UNIVERSITY OF ROCHESTER	NY	R21AI074351	OVERCOMING LOW HIV-1 ENVELOPE SPIKE IMMUNOGENICITY BY HIGH DENSITY DISPLAY	\$225,801
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI020516	ROLE OF MONONUCLEAR LEUKOCYTES IN IMMUNITY	\$378,805
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R18AI048693	Targeting Primary Immune Deficiency in Patient Populations	\$554,621
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059738	Molecular mechanisms of T cell anergy	\$349,511
2008	CORNELL UNIVERSITY	NY	R01AI048678	ENDOCYTOSIS OF INFLUENZA VIRUSES	\$371,231
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI035370	HUMAN ANTIBODIES TO CRYPTOCOCCUS NEOFORMANS	\$386,018
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI069402	ASSAY DEVELOPMENT FOR HIGH THROUGHPUT SCREENING OF SELECTIN LIGAND ANTAGONISTS	\$201,822
2008	ROCKEFELLER UNIVERSITY	NY	K08AI075031	THE PATHOGENESIS OF AUTOIMMUNITY IN HEPATITIS C VIRUS INFECTION	\$140,400
2008	HEALTH RESEARCH, INC - ROSWELL PARK DIVISION	NY	R01AI056082	ST6Gal I sialyltransferase in hematopoiesis	\$355,273
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072238	IMMUNITY INDUCED BY MODIFIED ADENOVIRUS FIBER	\$412,020
2008	ROCKEFELLER UNIVERSITY	NY	R21AI073616	MICRORNA IN B CELL DEVELOPMENT	\$288,701
2008	UNIVERSITY OF ROCHESTER	NY	R01AI073772	ASSEMBLY OF THE MYCOBACTERIAL CELL WALL	\$395,768
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI072055	SADOFSKY-RAG1 N-TERMINAL DOMAIN BINDING INTERACTIONS	\$207,500
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007613	T32: Pathogenesis of Infectious Diseases Training Program	\$325,308
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	F31AI075625	MECHANISMS UNDERLYING T HELPER SUPPRESSION BY REGULATORY T CELLS	\$40,972
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K22AI074908	ROLE OF ENDOSOMAL CYSTEINE PROTEASE IN EBOLA AND MARBURG VIRUS ENTRY	\$160,440
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F31AI075570	THE ROLE OF RAB24 IN HIV-1 ASSEMBLY	\$31,730
2008	THERASOURCE LLC	NY	R43AI078537	ANTAGONISM OF ALPHA2A-ADRENOCEPTOR: A NOVEL ANTI-SEPSIS THERAPY	\$197,522
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI076509	ARCHITECTURE OF VIRAL DNA DELIVERY MACHINERY	\$392,500
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	P01AI073693	Anti-NMDA receptor antibodies in adult brain dsyfunction & fetal brain developmen	\$2,135,361
2008	ROCKEFELLER UNIVERSITY	NY	R01AI034662	STUDY OF FCR GENES: MACROPHAGES AND LYMPHOCYTES	\$457,914
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI074248	Regulation of the CD4 T cell Response to Mycobacterium tuberculosis	\$49,646

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2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI076927	STRUCTURAL AND FUNCTIONAL STUDIES OF THE CASPASE ACTIVATING COMPLEX PIDDOSOME	\$378,000
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI067722	MECHANISMS OF PEANUT (A. HYPOGAEA) GLYCAN ADJUVANTICITY.	\$129,465
2008	CHEMBIO DIAGNOSTIC SYSTEMS, INC	NY	R43AI079884	RAPID DETECTION OF TUBERCULOSIS USING DPP TECHNOLOGY	\$296,406
2008	AGAVE BIOSYSTEMS	NY	R43AI078570	MULTIPLEX LYME DISEASE DIAGNOSTIC	\$100,001
2008	SUNY, BINGHAMTON	NY	R21AI078184	THE PSEUDOMONAS AERUGINOSA BIOFILM DISPERSION RESPONSE	\$187,593
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R21AI073354	REGULATION OF HOST-ADAPTATION OF THE LYME DISEASE SPIROCHETE BORRELIA BURGDORFERI	\$231,900
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI070907	NEW PLASMODIUM STRATEGIES TO MODULATE INFLAMMATION	\$423,646
2008	UNIVERSITY OF ROCHESTER	NY	F31AI071380	MODIFIED LAMBDA PHAGE FOR HIV VACCINE DELIVERY	\$40,972
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R56AI073710	TRAFFICKING OF PROTEINS TO THE HERPES SIMPLEX TEGUMENT	\$580,641
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI072204	Cervical, Anal & Oral HPV Persistence/Adolescent Girls	\$818,235
2008	ROCKEFELLER UNIVERSITY	NY	F32AI069693	NOVEL ROLE OF NS2 IN HCV INFECTION	\$49,646
2008	RENSSELAER POLYTECHNIC INSTITUTE	NY	R01AI065786	STABLE CARBOHYDRATE LIBRARIES IN INFECTIOUS DISEASE	\$384,618
2008	ROCKEFELLER UNIVERSITY	NY	R01AI075099	ROLE OF HCV P7 AND NS2 IN INFECTIOUS VIRUS PRODUCTION	\$420,000
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K08AI076635	GENETIC DIVERSITY IN VIRULENCE GENES OF PLASMODIUM FALCIPARUM	\$130,950
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059636	INTERFERON REGULATION IN SYSTEMIC LUPUS	\$399,343
2008	TRUDEAU INSTITUTE	NY	R01AI067967	MEMORY T CELL SUBSETS AND PULMONARY IMMUNITY	\$416,742
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI046985	SERINE PROTEINASES IN APICOMPLEXAN PARASITES	\$347,418
2008	COLUMBIA UNIVERSITY	NY	U01AI069470	COLUMBIA COLLABORATIVE HIV/AIDS CLINICAL TRIALS UNIT	\$2,878,282
2008	ROCKEFELLER UNIVERSITY	NY	R01AI072613	Identification and characterization of cellular factors involved in HCV entry	\$414,473
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI055007	COMPLEMENT AS A MEDIATOR OF RECURRENT MISCARRIAGES	\$330,209
2008	NEW YORK MEDICAL COLLEGE	NY	R01AI065572	POPULATION GENOMICS OF STREPTOCOCCUS PYOGENES	\$347,071
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI060507	INTERACTION OF AIDS-ASSOCIATED MICROBES WITH RADIATION	\$400,009

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2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI044938	Inhibition of Stat3 and inflammatory cytokine production	\$316,256
2008	SUNY, BUFFALO	NY	R01AI057142	TRYPANOSOME RNA BINDING PROTEINS	\$360,965
2008	CORNELL UNIVERSITY	NY	R21AI072102	SEPTATE JUNCTIONAL PROTEINS: PROTEOMIC IDENTIFICATION AND ROLE IN DIURESIS	\$183,509
2008	SUNY, STONY BROOK	NY	R01AI044639	TARGETTING INHA FOR ANTI-TB DRUG DISCOVERY	\$205,756
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI057835	REGULATION OF LINEAGE SPECIFICITY OF CD4 SILENCING	\$379,898
2008	SUNY COLLEGE, GENESEO	NY	R15AI074035	CYTOSINE DNA METHYLATION AND TRANSCRIPTIONAL REPRESSION IN AFRICAN TRYPANOSOMES	\$13,034
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P01AI057127	IMMUNOPATHOGENESIS OF ACUTE AND EARLY HIV INFECTION	\$2,106,243
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI075647	Molecular Analysis of Alphavirus Membrane Fusion Protein	\$510,692
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI045138	IMMUNOGENICITY OF SYNTHETIC PEPTIDE MALARIA VACCINES	\$474,820
2008	UNIVERSITY OF ROCHESTER	NY	R01AI067613	REGULATORY OXYGENASES IN VASCULOPATHIC RICKETTSIOSES	\$333,301
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R21AI074469	STABILIZED GP41 STRUCTURAL MOTIF FOR HIV -1 VACCINE	\$206,010
2008	CORNELL UNIVERSITY, NEW YORK STATE VETERINARY COLLEGE	NY	R01AI047888	ROLE OF NEUTROPHILS DURING TOXOPLASMOSIS	\$355,594
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	U01AI069551	MICROBICIDE EFFECTS ON EFFICACY, SAFETY, INNATE IMMUNITY	\$429,277
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI058864	APOBEC3G/CEM15 Inhibition of Lentivirus Replication	\$354,743
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI033856	MURINE MODEL SYSTEM FOR HIV PATHOGENESIS	\$526,866
2008	ORDWAY RESEARCH INSTITUTE INC	NY	P01AI060908	CHOOSING DRUG DOSES FOR BIODEFENSE PATHOGENS	\$1,887,352
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI064603	Genetic Analysis of Molecular Interactions in Coronavirus Replication	\$420,062
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P30AI051519	Center for AIDS Research (CFAR)	\$1,907,591
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050234	Role of pfert in chloroquine resistance in P. falciparum	\$378,481
2008	UNIVERSITY OF ROCHESTER	NY	U19AI067733	CENTER FOR BIOPHYSICAL ASSESSMENT AND RISK MANAGEMENT FOLLOWING IRRADIATION	\$3,936,238
2008	ROCKEFELLER UNIVERSITY	NY	U19AI040034	HEPATITIS C: STUDIES OF IMMUNITY AND PATHOGENESIS	\$797,618
2008	POPULATION COUNCIL, INC	NY	U01AI066735	PARTNERSHIP FOR DEVELOPING BROAD-SPECTRUM MICROBICIDES	\$468,242

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI007161	TRAINING PROGRAM IN MICROBIOLOGY FOR INFECTIOUS DISEASES	\$237,412
2008	ROCKEFELLER UNIVERSITY	NY	R01AI072529	Cellular dynamics in germinal centers during vaccination	\$426,936
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	P30AI027742	CENTER FOR AIDS RESEARCH	\$2,080,346
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI077007	INFLAMMATORY DENDRITIC CELLS IN INFLUENZA VIRUS INFECTION	\$202,277
2008	CORNELL UNIVERSITY	NY	R03AI079796	A NOVEL MODEL FOR THE STUDY OF PRIMARY IMMUNODEFICIENCY: THE EQUINE CVID	\$76,979
2008	UNIVERSITY OF ROCHESTER	NY	R01AI070826	TARGET T CELL MODULATION BY CD4+CD25+ REGULATORY T CELLS	\$377,685
2008	CUNY, HUNTER COLLEGE & CUNY RESEARCH FOUNDATION	NY	R01AI030653	GENE EXPRESSION IN MYELOMA CELLS	\$322,801
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	T32AI049821	TRAINING IN THE EPIDEMIOLOGY OF INFECTIOUS DISEASE	\$120,441
2008	SUNY, STONY BROOK	NY	U01AI070383	CHEMOTHERAPEUTICS AGAINST MULTI-DRUG RESISTANT TUBERCULOSIS	\$615,510
2008	UNIVERSITY OF ROCHESTER	NY	R01AI069351	Modeling B Cell Vaccine Responses in Transplant Recipients	\$339,917
2008	NEW YORK MEDICAL COLLEGE	NY	R56AI053826	TISSUE-SPECIFIC INFECTION BY GROUP A STREPTOCOCCI	\$413,498
2008	TRUDEAU INSTITUTE	NY	R01AI076479	THE INTERDEPENDENCE BETWEEN T AND B CELLS IN TH2 CELL DIFFERENTIATION	\$400,500
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079763	NOVEL MUCOSAL MODELS PREDICTIVE OF MICROBICIDE SAFETY	\$228,250
2008	SUNY, BUFFALO	NY	K22AI070647	CCR4 IN THE MAINTENANCE OF THERMOTOLERANCE AND PATHOGENICITY OF C. NEOFORMANS	\$157,443
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI074238	IN VIVO PHENOTYPIC EFFECTS OF NATURALLY OCCURRING SEQUENCE VARIATIONS IN WNV	\$51,938
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R01AI078958	Understanding Unique Aspects of Motility and Chemotaxis in Borrelia burgdorferi	\$312,546
2008	THERAPYX INC	NY	R43AI080009	DELIVERY OF NANOENCAPSULATED TGFβ AND ATRA FOR THE TREATMENT OF IBD	\$172,500
2008	SUNY, BUFFALO	NY	R01AI077520	CIS- AND TRANS-ACTING FACTORS IN MITOCHONDRIAL RNA DECAY	\$383,420
2008	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079578	RESISTANCE SUPPRESSION FOR P. AERUGINOSA USING NOVEL COMBINATION THERAPY MODELING	\$787,916
2008	CORNELL UNIVERSITY	NY	R56AI072434	REGULATION OF EAE BY SKIN IMMUNIZATION WITH SELF-PEPTIDE	\$385,000
2008	New York Blood Center, Inc.	NY	R56AI069547	MALARIA IN BRAZIL: RBC VARIANTS & PARASITE INVASION	\$300,765

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2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI022159	Molecular Biology of TSST-1 and other superantigen toxins	\$469,032
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R56AI029690	ABERRANT SIGNALING IN B-1 CELLS	\$414,166
2008	UNIVERSITY OF ROCHESTER	NY	T32AI049815	Training in HIV Replication and Pathogenesis	\$113,547
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI057653	Regulation of antibody production by innate signals	\$390,669
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R56AI070258	CD1D/NKT-BINDING GLYCOLIPIDS AS AN ADJUVANT FOR A T CELL-BASED MALARIA VACCINE	\$478,188
2008	New York Blood Center, Inc.	NY	R01AI068002	SARS-COV S PROTEIN RECEPTOR-BINDING DOMAIN-BASED VACCINES	\$362,489
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI071185	Complement & T Cell Medicated Allograft Rejection	\$409,986
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI044236	Immunologic Basis of Cow's Milk-Induced Hypersensitivities	\$1,527,164
2008	UNIVERSITY OF ROCHESTER	NY	R21AI076085	INVESTIGATION OF APOBEC3G/VIF INTERACTIONS BY SAXS AND X-RAY CRYSTALLOGRAPHY	\$192,500
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI052459	REGULATION AND FUNCTION OF MYOTYBULARINS	\$374,129
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI076248	T. CRUZI: PATHOGENESIS MODULATION BY EICOSANOIDS	\$415,000
2008	COLD SPRING HARBOR LABORATORY	NY	R01AI046724	THE REPLICATION INITIATOR PROTEIN E1 AND ITS INTERACTION WITH DNA	\$412,020
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI052739	MOLECULAR MECHANISMS IN T.CRUZI CARDIOMYOPATHY IN AIDS	\$388,343
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI041428	MIGRATION AND TRAFFICKING IN TOLERANCE 10/07	\$339,000
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI061484	H2-O MEDIATED ANTIGEN FOCUSING MODULATES B CELL IMMUNITY	\$424,620
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI054580	A NEW FAMILY OF SECRETED ADHESIVE PROTEINS IN PLASMODIUM	\$312,535
2008	ROCKEFELLER UNIVERSITY	NY	R01AI040874	DENDRITIC CELLS AS ADJUVANTS FOR RESISTANCE TO HIV-1	\$500,306
2008	TRUDEAU INSTITUTE	NY	R01AI069161	ANTI-TUBERCULOSIS VACCINATION: THE ROLE OF MACROPHAGES	\$375,067
2008	New York Blood Center, Inc.	NY	R01AI046221	RATIONAL DESIGN OF HIV FUSION INHIBITORS TARGETING GP41	\$370,304
2008	UNIVERSITY OF ROCHESTER	NY	U01AI069511	UNITS FOR HIV/AIDS CLINICAL TRIALS NETWORKS	\$2,248,523
2008	UNIVERSITY OF ROCHESTER	NY	R37AI033713	REGULATION OF PSEUDOMONAS AERUGINOSA PROTEASES	\$371,495
2008	UNIVERSITY OF ROCHESTER	NY	R01AI051542	IMMUNODOMANCE IN CD RESPONSES	\$385,000

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2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI072790	FOXP3 REGULATORY NETWORK MRNA PROFILES AND HUMAN RENAL TRANSPLANT OUTCOMES	\$541,846
2008	CORNELL UNIVERSITY	NY	R01AI067027	Environmental Cues and Responses in Tuberculosis	\$366,137
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI023549	GENETICS OF MONOCYTE KILLING BY BACTERIA	\$479,995
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R37AI036082	Neutralization of Primary HIV-1 Viruses	\$420,000
2008	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI056359	FIDELITY OF HERPES SIMPLEX VIRUS DNA REPLICATION	\$282,770
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI052390	var Gene Regulation and Antigenic Variation in Malaria	\$351,604
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI058893	DIFFERENTIATION IN T.CRUI:AN EMERGING AIDS PATHOGEN	\$347,418
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI046712	Activation of Macrophages in Human Autoimmune Diseases	\$355,790
2008	UNIVERSITY OF ROCHESTER	NY	R01AI048237	LFA-1 MEDIATED COSTIMULATION	\$371,495
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	K08AI061313	TARGETING FCRS ON DCS FOR AG-SPECIFIC TOLERANCE	\$123,093
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K23AI059318	IMMUNOLOGICAL BASIS OF EGG ALLERGY	\$128,655
2008	PROGENICS PHARMACEUTICALS, INC	NY	U19AI066329	HIV-1 THERAPY WITH CCR5 MAB PRO 140-OVERVIEW	\$2,987,862
2008	SUNY, STONY BROOK	NY	R21AI075000	INFLUENZA PDZ LIGAND DIRECTED PATHOGENESIS	\$228,083
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI071087	Loss of B cell tolerance in rheumatoid arthritis	\$416,742
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI059681	Host Response to Phenotypic Switch Variant of C. Neoformans	\$404,708
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI055037	Environmental Control of the Immunological Synapse	\$314,396
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI065319	THROMBOCYTOPENIA & HIV/HCV: RISK FACTORS & TREATMENT	\$131,490
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI045899	CYTOKINE PRODUCTION IN PHAGOCYTOSIS OF APOPTOTIC CELLS	\$312,535
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI043268	INH-INDUCED LYSIS OF THE HIV OI, M. TUBERCULOSIS	\$627,577
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	T32AI055429	Emerging Infectious Diseases Training Program	\$219,179
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	T32AI055409	RESEARCH TRAINING IN INFECTIOUS DISEASES	\$247,751
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	F32AI066826	DIGESTIVE VACUOLE BIOGENESIS IN THE MALARIA PARASITE	\$8,685
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	F32AI075805	MEDIATION OF DNA REPAIR IN MYCOBACTERIA BY CARD PROTEINS AND ADP-RIBOSYLATION	\$49,646
2008	ROCKEFELLER UNIVERSITY	NY	R21AI077018	THE NOVEL CHROMATIN-BASED MECHANISM OF ANTIVIRAL RESISTANCE	\$288,701
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI061684	DENDRITIC CELL MEDIATED INDUCTION OF ANTI-HCV IMMUNITY	\$571,176

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2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U01AI070469	LIVE ATTENUATED VACCINES FOR EPIDEMIC AND PANDEMIC FLU	\$1,862,415
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	T32AI007621	Immunology and Microbial Pathogenesis Research Training Program	\$346,549
2008	UNIVERSITY OF ROCHESTER	NY	T32AI007285	Predoctoral Training Program in Immunology	\$419,162
2008	UNIVERSITY OF ROCHESTER	NY	R21AI078459	CELLULAR ORIGINS OF HIV BROADLY NEUTRALIZING ANTIBODIES	\$229,650
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI071038	CONTRIBUTION OF TOLL-LIKE RECEPTOR SIGNALING IN ISLET TRANSPLANTATION	\$129,465
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI066738	Immunobiology of Food Allergy and Its Treatment	\$3,118,449
2008	CORNELL UNIVERSITY	NY	T32AI007618	TRAINING IN MOLECULAR VIROLOGY AND PATHOGENESIS	\$160,182
2008	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI070860	TFE3 AND TFEB IN CD40L DEPENDENT MURINE AUTOIMMUNITY AND HUMAN LUPUS	\$344,331
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI024021	VARICELLA ZOSTER VIRUS:CLINICAL IMPLICATIONS OF IMMUNITY	\$441,687
2008	UNIVERSITY OF ROCHESTER	NY	T32AI007362	TRAINING IN MICROBIAL PATHOGENESIS	\$254,835
2008	CORNELL UNIVERSITY	NY	R01AI062995	EVOLUTIONARY GENOMICS OF ANTI-MALARIA GENES IN MOSQUITO	\$358,691
2008	CORNELL UNIVERSITY	NY	R21AI076828	MALE ACCESSORY GLAND PROTEINS OF THE DENGUE VECTOR MOSQUITO AEADES AEGYPTI: POTENT	\$192,500
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R21AI071879	DEVELOPING HIV-1 NEF AS A NOVEL DRUG TARGET	\$256,263
2008	UNIVERSITY OF ROCHESTER	NY	R01AI073785	PATHOGENIC MECHANISMS OF NON-01/NON-0139 V. CHOLERAEE	\$368,260
2008	ROCKEFELLER UNIVERSITY	NY	K99AI077800	STUDIES OF HEPATITIS C VIRUS POLARIZED CELL ENTRY AND HOST FACTOR REQUIREMENTS	\$90,000
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R56AI052148	THE PSP RESPONSE OF YERSINIA ENTEROCOLITICA	\$381,188
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	U19AI062623	CENTER FOR INVESTIGATING VIRAL IMMUNITY AND ANTAGONISM	\$3,959,017
2008	ORDWAY RESEARCH INSTITUTE INC	NY	R01AI079729	RESISTANCE SUPPRESSION FOR INFLUENZA VIRUS WITH COMBINATION CHEMOTHERAPY	\$563,765
2008	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R21AI068440	TARGETED DESTRUCTION OF HIV AND HIV-INFECTED CELLS BY AN ENGINEERED RIBONUCLEASE	\$192,521
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	F31AI080184	THE ROLE OF E2-2 IN THE DEVELOPMENT AND FUNCTION OF PLASMACYTOID DENDRITIC CELLS	\$45,972
2008	TRUDEAU INSTITUTE	NY	R01AI072296	THE ROLE OF IL-4 AND IL-4RALPHA IN THE MULTI-STEP PROCESS OF TH2 DEVELOPMENT	\$392,891

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2008	CORNELL UNIVERSITY	NY	R21AI079532	DEVELOPING ICAM-1 FOR RHINOVIRUS THERAPEUTICS	\$198,750
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI075193	MODULATING MMP-9 AND NEUTROPHIL RECRUITMENT: A THERAPEUTIC STRATEGY FOR TULAREMIA	\$398,350
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI073213	GENOME STABILITY MAINTENANCE FACTORS IN EARLY HIV-1 INFECTION	\$207,849
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI068038	SIDEROPHORE BIOSYNTHESIS INHIBITORS AS NEW ANTIBIOTICS FOR BIODEFENSE	\$353,608
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI068759	MAPPING AUTOIMMUNE PHENOTYPES IN MULTIPLEX FAMILIES	\$783,262
2008	MERCIA PHARMA INC	NY	R41AI074114	THERAPEUTIC VACCINE FOR ASTHMA	\$300,000
2008	UNIVERSITY OF ROCHESTER	NY	R21AI071064	ROLE OF CYCLOOXYGENASE-2 IN ANTIBODY RESPONSES TO VACCINATION	\$188,843
2008	CORNELL UNIVERSITY	NY	R01AI073368	EVOLUTIONARY GENOMICS AND POPULATION GENETICS OF PATHOGENIC STREPTOCOCCI	\$464,971
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI078794	HIV NEF UBIQUITINATION AND ITS FUNCTIONS	\$245,533
2008	TRUDEAU INSTITUTE	NY	R01AI071295	ROLES FOR COAGULATION IN IMMUNITY	\$445,000
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI074378	REGULATION OF ANTIBODY DIVERSIFICATION AND PRODUCTION IN HIV-1 INFECTION	\$420,000
2008	AARON DIAMOND AIDS RESEARCH CTR FOR THE CITY OF NY INC	NY	R01AI069991	ASSESSMENT OF VACCINE/MICROBICIDE COMBINATION EFFICACY IN THE MACAQUE MODEL	\$763,269
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007605	Immunology Training Grant	\$158,845
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI068820	MECHANISMS OF IMMUNOSUPPRESSIVE ACTIONS OF GLUCOCORTICOIDS	\$386,085
2008	UNIVERSITY HOSPITAL OF UPSTATE MEDICAL CENTER	NY	R01AI072648	Metabolic Control of T-cell Lineage Specification in SLE	\$274,750
2008	COLD SPRING HARBOR LABORATORY	NY	R01AI072345	BIOCHEMICAL ANALYSIS OF PAPILLOMAVIRUS REPLICATION	\$244,999
2008	SUNY, STONY BROOK	NY	R01AI041636	ADENOVIRUS AS A VECTOR FOR GENE THERAPY	\$376,408
2008	SUNY, BUFFALO	NY	R01AI028304	DEVELOPMENT OF A VACCINE FOR MORAXELLA CATARRHALIS	\$293,002
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI050872	STRUCTURAL & FUNCTIONAL STUDIES OF TLR/IL-1R SIGNALING	\$363,504
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI045658	GENE EXPRESSION IN M. TUBERCULOSIS	\$373,462
2008	SUNY, BUFFALO	NY	R01AI061580	Regulation of RNA editing in Trypanosoma brucei	\$294,315
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI041233	RECEPTORS FOR THE TRYPANOLYTIC FACTORS FROM HUMAN SERUM	\$314,396
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI058211	IFN-IS AT THE INTERFACE OF INNATE AND ADAPATIVE IMMUNITY	\$304,164

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2008	CUNY, RESEARCH FOUNDATION	NY	R01AI060014	CATALYSIS OF ISONIAZID ACTION BY M TUBERCULOSIS KATG	\$320,211
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI060905	DOWN-REGULATION OF MHC CLASS L MOLECULES BY HCMV US2	\$381,127
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	U01AI069532	NEW YORK UNIVERSITY HIV/AIDS CLINICAL TRIAL UNIT	\$1,488,404
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033696	MECHANISM BASED INHIBITION OF M TUBERCULOSIS ENZYMES	\$651,113
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI042135	Innate Immune Responses to Microbial Flora	\$430,201
2008	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	NY	R01AI033657	BACULOVIRUS ENVELOPE PROTEINS AND INSECT CELLS	\$204,939
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R01AI054546	CD14 AND THE IMMUNOPATHOGENESIS OF CHRONIC LYME DISEASE	\$330,675
2008	ROCKEFELLER UNIVERSITY	NY	R01AI021729	MOLECULAR GENETICS OF TRYPANOSOME ANTIGENIC VARIATION	\$525,168
2008	SUNY, STONY BROOK	NY	R01AI060866	GC1Q-R/P33: STRUCTURE FUNCTION AND ROLE ON INFLAMMATION.	\$295,291
2008	ROCKEFELLER UNIVERSITY	NY	R37AI034420	GENE ACTIVATION BY POLYPEPTIDES--CELL SURFACE TO NUCLEUS	\$353,697
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	R01AI059742	REGULATION OF CHEMOKINE RECEPTOR EXPRESSION IN SEPSIS	\$275,048
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI064481	GENE EXPRESSION PATTERNS AND LIFESTYLES IN LEGIONELLA	\$594,505
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI057804	LARGE-SCALE ANALYSIS OF CANDIDA ALBICANS GENE FUNCTION	\$559,323
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI065200	Osteoporosis in HIV Infected Postmenopausal Women	\$595,077
2008	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	U01AI031834	Brooklyn Womens Interagency HIV Study (WIHS) V	\$2,912,628
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI044893	PATHWAYS REGULATING AMOEBIC CYST FORMATION	\$392,994
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI046097	M. TUBERCULOSIS EVASION OF IMMUNE EFFECTOR MECHANISMS	\$501,088
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	K08AI063932	CONTRIBUTION OF TNF-ALPHA TO MUCUS CELL PRODUCTION IN ASTHMA	\$124,065
2008	ROCKEFELLER UNIVERSITY	NY	R01AI035875	FCR DEFICIENT MICE SUSCEPTIBILITY TO PATHOGENS	\$353,697
2008	UNIVERSITY OF ROCHESTER	NY	K25AI073915	EFFECTS OF INDIVIDUAL BEHAVIORAL RESPONSES ON BENEFITS OF INFLUENZA VACCINATION	\$106,064
2008	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	NY	P01AI060896	MOLECULAR DETERMINANTS OF B-1 AND B-2 CELL RESPONSES	\$920,321

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2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	K08AI063303	ROLE OF LRP-LIKE PROTEINS IN MTB PATHOGENESIS	\$127,710
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI033774	Protective antibodies for Cryptococcal Infections	\$397,235
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K23AI059884	BONE MASS AND MINERAL METABOLISM IN HIV+ WOMEN	\$129,384
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	P01AI063537	Molecular Analysis of Tuberculosis Immunity	\$1,401,616
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI070272	GENETIC CONTROL OF ENTRY INTO MEIOSIS IN YEAST	\$367,503
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	U01AI061193	IDENTIFYING INHIBITORS OF WEST NILE AND DENGUE VIRUSES	\$289,161
2008	SIGA TECHNOLOGIES, INC	NY	R43AI075747	ST-246 TREATMENT OF SMALLPOX VACCINE-RELATED ADVERSE EVENTS IN MURINE MODELS	\$321,291
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI007623	PHYSICIAN SCIENTIST RESEARCH TRAINING IN PATHOGENESIS OF VIRAL DISEASES	\$48,946
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI069032	IMMUNIZATION AGAINST PSEUDOMONAS AERUGINOSA BY MODIFIED AD VECTORS	\$419,669
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI075470	MULTIPLEXED DETECTION OF FOOD AND WATERBORNE PATHOGENS	\$879,974
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R56AI052417	REGULATION OF TNF RECEPTOR-MEDIATED APOPTOSIS	\$423,750
2008	TRUDEAU INSTITUTE	NY	R56AI061577	CELL-MEDIATED PROTECTION AGAINST PNEUMONIC PLAGUE	\$491,569
2008	SIGA TECHNOLOGIES, INC	NY	R43AI079937	NOVEL SMALL MOLECULE INHIBITORS OF DENGUE REPLICATION	\$404,472
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI079352	ELICITING NEUTRALIZING ANTIBODIES AGAINST THE HCV E2 ENVELOPE GLYCOPROTEIN	\$249,000
2008	UNIVERSITY OF ROCHESTER	NY	P30AI078498	University of Rochester Center for AIDS Research	\$780,575
2008	UNIVERSITY OF ROCHESTER	NY	R01AI072690	Remodeling of Lymph Node-Derived Cytokine Responses at the Infected Tissue Site	\$346,500
2008	CORNELL UNIVERSITY	NY	R21AI072341	ANTIGENIC STRUCTURE OF ADENO-ASSOCIATED VIRUS CAPSIDS AND ANTIBODY ESCAPE MUTANTS	\$219,195
2008	ROCKEFELLER UNIVERSITY	NY	R56AI052182	STRUCTURAL STUDIES OF BACTERIAL VIRULENCE FACTORS	\$420,000
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI079695	ROLE OF HPK1 T CELL MEDIATED ANTI-TUMOR IMMUNE RESPONSE	\$211,875
2008	COLUMBIA UNIVERSITY	NY	R25AI080566	SUMMER IMMUNOLOGY RESEARCH PROGRAM FOR HIGH SCHOOL SCIENCE TEACHERS	\$105,663
2008	UNIVERSITY OF ROCHESTER	NY	F31AI071412	CHRONIC STRESS AND MEMORY RESPONSES TO LISTERIA	\$40,972

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	T32AI078892	Cross-Disciplinary Training Program in Transplant Research	\$64,161
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R37AI043542	Requirement for sensitive T cell response to antigen	\$338,416
2008	SUNY, STONY BROOK	NY	R01AI075219	SYNTHETIC VIRAL GENOME DESIGN FOR RAPID VACCINE DEVELOPMENT	\$531,711
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	K23AI073190	MONITORING RESPONSE TO ARV THERAPY AND DEVELOPMENT OF HIV-1 DRUG RESISTANCE	\$130,410
2008	CORNELL UNIVERSITY	NY	R01AI073831	THE ROLE OF RAB GTPASES IN CHLAMYDIA-INFECTED CELLS	\$377,615
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI030861	The role of viral and cellular proteins in early events of HIV-1 replication	\$413,720
2008	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	NY	R21AI065476	PROTECTIVE ACTIVITY OF A MULTI-FUNCTIONAL IMMUNOGEN	\$224,481
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI031788	NEW OPPORTUNISTIC INFECTIONS IN AIDS MICROSPORIDIOSIS	\$399,231
2008	CORNELL UNIVERSITY	NY	T35AI007227	Short Term Training of Students in the Health Professions	\$73,044
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI050754	RHINOVIRUS PATHOGENESIS AND HOST RANGE	\$410,407
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI048371	HIV VACCINES THAT ELICIT IMMUNE RESPONSES TO VIRUS ENV	\$321,962
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI046954	VIRULENCE FACTORS OF INFLUENZA VIRUS: THE NS1 PROTEIN	\$322,914
2008	SLOAN KETTERING INSTITUTE FOR CANCER RESEARCH	NY	R01AI053417	CYCLOPROPANE SYNTHETASES AND M.TUBERCULOSIS PATHOGENESIS	\$474,750
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	R01AI069209	MYCOBACTERIAL PDIM/PGL: SYNTHESIS PATHWAY AND INHIBITION	\$313,427
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI042154	STRUCTURE AND FUNCTION OF HEXAPEPTIDE ACYLTRANSFERASES	\$270,213
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R01AI055737	MOLECULAR STUDIES ON THE ROLE OF IL4 & IL13 IN FIBROSIS	\$315,326
2008	NEW YORK MEDICAL COLLEGE	NY	R01AI069313	Bacterial cell killing by topoisomerase I mediated DNA lesion	\$371,495
2008	TRUDEAU INSTITUTE	NY	R01AI061511	GENERATION OF EFFECTIVE MEMORY CD8 T CELLS TO INFLUENZA	\$366,254
2008	HOSPITAL FOR SPECIAL SURGERY (THE)	NY	R01AI059893	INTERFERON IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$441,694
2008	ROCKEFELLER UNIVERSITY	NY	K08AI054375	IMMUNE RESISTANCE TO GLIOMA VIA DENDRITIC CELLS	\$130,464
2008	CORNELL UNIVERSITY	NY	R01AI064430	DEVELOPMENT OF A NOVEL STRATEGY OF ADJUVANT DISCOVERY	\$396,434
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI039454	TOXOPLASMA ENCEPHALITIS IN AIDS: BRADYZOITE REGULATION	\$347,418

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2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI066116	REGULATORY MODULES IN NORMAL AND TRANSFORMED B-CELLS	\$512,940
2008	UNIVERSITY OF ROCHESTER	NY	K25AI060884	POROUS SILICON OPTICAL SENSOR FOR CANDIDA DETECTION	\$127,222
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	R01AI042308	CONJUGATION AND RECOMBINATION IN MYCOBACTERIA	\$318,292
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R37AI033142	Molecular Characterization of C. neoformans Antibodies	\$349,240
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI065450	POLYMICROBIAL INDUCTION OF EPITHELIAL INFLAMMATION	\$127,872
2008	NEW YORK MEDICAL COLLEGE	NY	R01AI045801	Borrelia burgdorferi tick phase genes and Lyme disease pathogenesis	\$326,489
2008	TRUDEAU INSTITUTE	NY	T32AI049823	Research Training in Immunology and Infectious Diseases	\$138,400
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R01AI056070	ANTIBODY PROTECTION IN HISTOPLAMOSIS	\$347,418
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI054455	TO MODEL CROSSREACTING T-MEMORY OF VIRUS-INFECTED MICE	\$479,162
2008	FORDHAM UNIVERSITY	NY	R21AI075238	REGULATING I. SCAPULARIS AND THE ROLE OF ENTOMOPATHOGENIC FUNGI	\$191,273
2008	CORNELL UNIVERSITY, MEDICAL COLLEGE	NY	U01AI070232	NEW STRATEGIES TO PREVENT DEATH FROM INFLUENZA	\$1,144,813
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	K23AI067665	IMMUNODIAGNOSTIC TESTS FOR THE RAPID DIAGNOSIS OF TB	\$133,110
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	R01AI068963	ROLE OF CHAT-H IN CHEMOKINE-INDUCED T LYMPHOCYTE MIGRATION AND TRAFFICKING	\$384,717
2008	NEW YORK UNIVERSITY MEDICAL CENTER	NY	R01AI066128	CHARACTERIZATION OF GENES RESPONSIBLE FOR STORE-OPERATED CA2+ ENTRY IN T CELLS	\$403,345
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	F32AI065058	NEGATIVE REGULATION OF NFKB ACTIVATION IN T CELLS	\$52,898
2008	ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIV	NY	R21AI067931	INHIBITION OF THE MEMBRANE FUSION PROTEINS OF FLAVIVIRUSES AND ALPHAVIRUSES	\$203,558
2008	CORNELL UNIVERSITY	NY	R21AI068492	ROLE OF CCL2/MCP-1 IN MUCOSAL IMMUNITY TO TOXOPLASMA	\$226,611
2008	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NY	R21AI073205	DEFENSINS IN STI-MEDIATED ENHANCEMENT OF HIV INFECTION	\$207,849
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	K08AI072043	PATHOGENESIS & EPIDEMIOLOGY OF S EPIDERMIDIS VENTRICULAR ASSIST DEVICE INFECTIONS	\$124,308
2008	UNIVERSITY OF ROCHESTER	NY	R21AI064186	GENETIC SCREENS TO IDENTIFY MYCOBACTERIAL PORINS	\$151,074
2008	COLUMBIA UNIVERSITY, SCHOOL OF ARTS & SCIENCES	NY	U01AI070411	VIRAL ARRAYS FOR BIODEFENSE	\$804,329

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2008	UNIVERSITY HOSPITAL OF DOWNSTATE MEDICAL CENTER	NY	R01AI070246	STUDY OF MECHANISMS LEADING TO MULTIDRUG-RESISTANT K. PNEUMONIAE AND A. BAUMANNII	\$267,813
2008	HEALTH RESEARCH, INC - ALBANY DIVISION	NY	F32AI077242	INTERFERON GAMMA REGULATION OF CD4 T CELL RESPONSES IN TUBERCULOSIS	\$49,646
2008	RESEARCH FOUNDATION OF STATE UNIV OF NEW YORK (SUNY)	NY	R56AI048079	GENETIC AND IMMUNOLOGICAL IMPACT OF THE HRES-1/RAB4 LOCUS IN SLE	\$274,750
2008	TRUDEAU INSTITUTE	NY	R56AI078298	CD8 MEMORY T CELLS: MECHANISMS OF PROTECTION	\$445,000
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI071174	HEAT SHOCK PROTEIN MODULATION OF PARAMYXOVIRAL DISEASE	\$187,500
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069085	M. TUBERCULOSIS LIPOPROTEIN-TLR2 INTERACTIONS	\$378,911
2008	UNIVERSITY OF CINCINNATI	OH	R01AI062492	SERUM ANTIBODIES TO RECOMBINANT PNEUMOCYSTIS ANTIGENS	\$454,765
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI053824	REGULATION OF GENDER DEPENDENT EAE SUSCEPTIBILITY	\$287,421
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI057571	ALPHAVIRUS MINUS STRAND RNA SYNTHESIS AND RNASE L	\$275,887
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI036532	KIDNEY-RESTRICTED CTL AND ALLOGRAFT REJECTION	\$321,486
2008	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI076981	BASIC AND COMPARATIVE STUDIES OF CCR5 INHIBITION TO PREVENT HIV TRANSMISSION	\$1,585,769
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI073963	HOST GENETIC CONTRIBUTION TO HCV OUTCOMES	\$500,000
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064744	SUPPRESSION OF MEASLES VIRUS VACCINATION BY MATERNAL ANTIBODIES	\$294,300
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079545	T CELL MEMORY TO CELL-ASSOCIATED ANTIGENS BY A NEW DC SUBSET	\$225,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI073242	MOLECULAR AND CELLULAR MECHANISMS OF DENDRITIC CELL MEDIATED HIV TRANSMISSION	\$189,456
2008	Research Institute at Nationwide's Children's Hospital	OH	R21AI074349	IMMUNE CORRELATES OF PROTECTION DURING GAMMA-HERPESVIRUS VACCINATION	\$216,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI067093	MOLECULAR MECHANISMS REGULATING HIV ENTRY AND EXIT FROM LATENCY	\$378,911
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K02AI077341	HIV-1 INTEGRASE STRUCTURE AND FUNCTION AS A THERAPEUTIC TARGET	\$98,798
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI062520	Structure and function of HIV-1 integrase	\$325,844
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI028799	GENE EXPRESSION IN HUMAN PARASITIC NEMATODES	\$451,540
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI037326	NEUROMODULATION OF THE ANTIBODY RESPONSE	\$375,000

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2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI057530	FCRN BINDS AND TRANSPORTS ALBUMIN	\$347,649
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI058088	CD4 MEMORY T CELLS AND ALLOGRAFT REJECTION	\$294,338
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI054476	TYPE IV SECRETION & SIGNAL TRANSDUCTION IN EHRLICHIOSIS	\$347,649
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075159	REGULATION OF TLR SIGNALING AND INNATE IMMUNITY BY RP105	\$367,875
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI068524	ROLE OF REGULATORY T CELLS IN HIV INFECTION	\$357,728
2008	UNIVERSITY OF CINCINNATI	OH	U01AI075498	GLYCOCONJUGATE BASED DIAGNOSTICS FOR BACTERIAL TOXINS	\$384,761
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI067816	EXTRACELLULAR MATRIX SYNTHESIS AND TURNOVER IN ASTHMA	\$367,923
2008	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI074286	CHARACTERIZATION OF IMMUNOGENIC AND STRUCTURAL PROPERTIES OF HIV-1 ENVELOPE	\$1,175,614
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI076926	IL-1R1 PROMOTER COMPLEX IN THE NEUROENDOCRINE, NERVOUS, AND IMMUNE SYSTEMS	\$375,000
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079759	FUNCTIONAL IDENTIFICATION OF GENES MUTATED IN FHLH	\$214,000
2008	UNIVERSITY OF CINCINNATI	OH	R01AI066261	GENDER-SPECIFIC ROLE OF P202 IN LUPUS SUSCEPTIBILITY	\$290,211
2008	UNIVERSITY OF CINCINNATI	OH	R01AI072040	IGG ISOTYPE REGULATION OF ANTIBODY-MEDIATED DISORDERS	\$377,444
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI050797	ROLE OF LYSOZYME IN AIRWAYS HOST DEFENSE	\$375,000
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI070078	METABOLIC COMPLICATIONS OF HIV AND RESPONSES TO PIOGLITAZONE	\$129,060
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079852	NEW SHIV R5 ENV'S (BASED ON ALL SUBTYPES) FOR EFFECTIVE MICROBICIDE TESTING IN MA	\$193,540
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R03AI079797	INVESTIGATIONS INTO XIAP-DEFICIENT X-LINKED LYMPHOPROLIFERATIVE DISEASE	\$75,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI071747	EFFECTS OF DRUG RESISTANCE MUTATIONS ON HIV REPLICATIVE FITNESS	\$189,456
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI069195	RECURRENT TREATMENT: EFFECT ON RURAL AND URBAN S. MANSONI POPULATION STRUCTURE	\$356,103
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI066208	BILE, BIOFILMS AND SALMONELLA GALLBLADDER CARRIAGE	\$361,376
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073713	BEHAVIORAL AND VIROLOGIC IMPACT OF HPV IMMUNIZATION	\$537,672
2008	UNIVERSITY OF CINCINNATI	OH	R01AI072581	THE P62/ATYPICAL PKC SIGNALING COMPLEX IN TH2 DIFFERENTIATION AND ASTHMA	\$390,000

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2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI075038	CONTROL OF IMMUNE RESPONSES BY LIPOXINS DURING TUBERCULOSIS	\$300,000
2008	Research Institute at Nationwide's Children's Hospital	OH	R37AI047367	HCV-specific T cell response	\$541,702
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064320	MIGRATION INHIBITORY FACTOR IN THE PROGRESSION OF EAE	\$356,016
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI043521	SALMONELLA ANTIMICROBIAL PEPTIDE RESISTANCE	\$278,119
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI023598	ROLE OF DAF IN THE COMPLEMENT CASCADE	\$430,317
2008	CASE WESTERN RESERVE UNIVERSITY	OH	T32AI052067	RESEARCH TRAINING IN PEDIATRIC INFECTIOUS DISEASES	\$120,590
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI063517	Challenges in beta-Lactamase Mediated Resistance	\$269,982
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059639	TB and Innate Immune Regulation of Lung Macrophages	\$278,119
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI060632	SIGIRR A NEGATIVE REGULATOR OF TOLL-IL-IR SIGNALING	\$355,788
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI035726	CLASS II MHC TRANSPORT AND FUNCTION	\$367,923
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI043906	HUMAN IMMUNITY TO MSP-1 IN WESTERN KENYA	\$589,100
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI055649	NORWALK-LIKE VIRUSES AND THEIR RECEPTORS	\$313,931
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI045888	INNATE MECHANISMS REGULATING CD8+ T CELL IMMUNITY	\$294,338
2008	UNIVERSITY OF CINCINNATI	OH	T32AI060515	Immunology/Allergy Fellowship Training Grant	\$125,379
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI061052	DELETION OF T AND B CELLS TO INDUCE TOLERANCE	\$275,887
2008	Research Institute at Nationwide's Children's Hospital	OH	F31AI068609	T CELL IMMUNITY TO GENES ENCODED BY RAAV VECTORS	\$49,065
2008	UNIVERSITY OF CINCINNATI	OH	R13AI078718	10TH & 11TH INTERNATIONAL WORKSHOPS ON OPPORTUNISTIC PROTISTS (IWOP-10; IWOP-11)	\$20,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	K23AI065829	EPIDEMIOLOGY OF A NEW HUMAN CORONAVIRUS	\$130,128
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	K23AI068824	ALLOREACTIVE T CELL IMMUNITY IN HUMAN TRANSPLANT CANDIDATES	\$108,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R03AI079766	IRAK4 KINASE ACTIVITY'S ROLE IN IMMUNODEFICIENCY	\$78,500
2008	Research Institute at Nationwide's Children's Hospital	OH	R21AI073597	VISUALIZING INTERFERON-BETA INDUCTION IN VIVO	\$180,000
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI047885	COMPARISON OF HUMAN EHRlichiosis AGENT GENOMES	\$355,490
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI079756	T CELL RESPONSE DEFECTS TO COMMENSAL GLYCOANTIGENS IN CGD	\$196,250
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI068829	CHEMOKINES AND REGULATION OF T CELL RESPONSES DURING INFECTION	\$300,000

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2008	UNIVERSITY OF CINCINNATI	OH	R01AI064893	SHIGA TOXIN PRODUCTION AND ROLE IN PATHOGENESIS	\$373,014
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI073303	Cellular determinants of apoptosis in virus-infected cells	\$351,844
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI049170	Impact of HIV-1 fitness on disease progression	\$378,911
2008	UNIVERSITY OF TOLEDO	OH	R01AI072644	LOCOMOTION IN PARASITIC NEMATODES	\$324,000
2008	UNIVERSITY OF CINCINNATI	OH	R01AI072297	ER stress and virulence of Aspergillus fumigatus	\$351,000
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI040459	Post-Transplant Inflammatory Response	\$386,250
2008	CASE WESTERN RESERVE UNIVERSITY	OH	K08AI057801	DISTINCT FUNCTIONAL PHASES IN INNATE RECONSTITUTION	\$122,850
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057839	COMPLEMENT IN ALLERGIC ASTHMA: THE ROLE OF C3A AND C5A	\$346,486
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI030010	EHRILCHIAL ACIDAL MECHANISMS IN LEUKOCYTES	\$312,886
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	U01AI069474	THE OHIO STATE UNIVERSITY AIDS CLINICAL TRIALS UNIT	\$2,542,078
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI058844	EVALUATION OF THYMUS FUNCTION IN LENTIVIRUS DISEASE	\$312,886
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI058279	MOLECULAR REGULATION OF DIAPAUSE IN CULEX PIPIENS	\$208,590
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	K23AI063182	RAPID TRICHOMONAS TESTS: A TEEN STI PREVENTION STRATEGY	\$125,820
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI077056	DYSFUNCTIONAL ANTIGEN PRESENTING CELL RESPONSES TO INFLUENZA IN GERIATRIC INDIVIDU	\$189,456
2008	Research Institute at Nationwide's Children's Hospital	OH	R21AI079466	THE FUNCTION OF DUAL SPECIFICITY PHOSPHATASE-5 IN IMMUNE RESPONSE	\$226,657
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI073971	SALMONELLA POLYMICROBIAL INTERACTIONS	\$505,098
2008	UNIVERSITY OF CINCINNATI	OH	R21AI070865	GENETIC DETERMINANTS OF HOST SUSCEPTIBILITY TO PULMONARY ANTHRAX	\$229,554
2008	OHIO UNIVERSITY	OH	R15AI077896	CHARACTERIZATION OF TRYPANOSOMA CRUZI IN SOUTHERN ECUADOR	\$201,839
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R56AI057753	REGULATION OF APOPTOSIS IN ACTIVATED PRIMARY T CELLS	\$375,000
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI073452	DYSREGULATION OF INNATE IMMUNE RESPONSES BY BORRELIA BURGDORFERI: A ROLE FOR IL-10	\$370,750
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076083	TARGETING GP41 TO ELICIT NEUTRALIZING ANTIBODIES AGAINST HIV-1	\$202,222
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076886	FEEDBACK REGULATION OF INNATE IMMUNE SIGNALING AT MUCOSAL SURFACES	\$157,000

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2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076672	MOLECULAR TOOLS TO MONITOR ERADICATION OF SCHISTOSOMA HAEMATOBIIUM TRANSMISSION	\$213,187
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI072219	Understanding B-Lactam Resistance in Acinetobacter baumannii	\$367,115
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI070716	ANTIVIRAL ACTIVITY OF LEFLUNOMIDE AGAINST RESPIRATORY SYNCYTIAL VIRUS	\$307,649
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	T32AI065411	INTERDISCIPLINARY STUDY OF THE MICROBE-HOST INTERFACE	\$134,809
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K99AI073856	REMODELING OF THE M. TUBERCULOSIS CELL WALL BY THE HOST MICROENVIRONMENT	\$90,000
2008	UNIVERSITY OF CINCINNATI	OH	R01AI070300	REGULATION OF CD8+ T CELL HOMEOSTASIS BY IL-4	\$390,000
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI057992	ROLE OF REGULATORY T CELLS IN LEISHMANIA MAJOR INFECTION	\$277,189
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI045898	REGULATION OF GASTROINTESTINAL EOSINOPHILS	\$277,189
2008	UNIVERSITY OF CINCINNATI	OH	R01AI064084	STEROL METABOLISM IN PNEUMOCYSTIS	\$285,561
2008	UNIVERSITY OF CINCINNATI	OH	R01AI065256	HIV Antiretroviral Therapy and Hepatic Injury	\$686,648
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI043524	BACTERIA, SIGNALING & LEUKOCYTE TRANSCRIPTION ACTIVATION	\$282,526
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI062901	MECHANISM AND INHIBITION OF S-RIBOSYLHOMOCYSTEINASE	\$278,119
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI051388	AAV VECTOR TARGETING STRATEGIES FOR GENE THERAPY	\$283,700
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U01AI067150	HLA/KIR REGION GENETICS IN PEDIATRIC ARTHRITIS	\$400,266
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI060484	ROLE OF MITOCHONDRIA IN HIV LIPOATROPHY	\$477,550
2008	UNIVERSITY OF CINCINNATI	OH	K23AI068453	HIV SCREENING IN THE EMERGENCY DEPARTMENT SETTING	\$133,260
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI073553	INTERLEUKIN-9 IN EXPERIMENTAL INTESTINAL ANAPHYLAXIS	\$375,000
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI073584	ROLE OF IMMUNOPROTEASOMES IN ACTIVATED T CELL APOPTOSIS	\$220,725
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI070244	RECOMBINANT AAV GENE THERAPY VECTOR RECOMBINATION, INTEGRATION, AND GENOTOXICITY	\$304,340
2008	Research Institute at Nationwide's Children's Hospital	OH	R21AI070825	THE NTHI SAP TRANSPORTER: A MECHANISM OF ANTIMICROBIAL PEPTIDE RESISTANCE	\$176,580
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI026585	GENE EXPRESSION OF NEGATIVE STRAND RNA VIRUSES	\$416,394
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI066957	IMMUNITY OF NEOANTIGEN RESPONSE IN HCV, HIV, AND HCV-HIV	\$189,456

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R21AI078789	IMPACT OF ARV CHEMOPROPHYLAXIS ON EMERGENCE AND SPREAD OF HIV DRUG RESISTANCE	\$243,717
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI076199	THE UTILITY OF INTERFERON-GAMMA RELEASE ASSAYS IN TB-HIV CO-INFECTED CHILDREN	\$544,343
2008	UNIVERSITY OF CINCINNATI	OH	R21AI075237	TRANSLATION STATE ARRAY ANALYSIS IN ASPERGILLUS FUMIGATUS	\$220,000
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI047249	IMMUNE REGULATION OF CNS VIRAL RECRUDESCENCE	\$378,911
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI072142	Molecular Recognition Studies of the Interleukin-7 Pathway	\$290,000
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI056927	CD40 LIGAND DYSREGULATION AND HIV PATHOGENESIS	\$331,553
2008	WRIGHT STATE UNIVERSITY	OH	R01AI017252	Scabies: Biology, Culture, Host Specificity and Antigens	\$341,728
2008	UNIVERSITY OF CINCINNATI	OH	R13AI071925	Liver Disease and HIV	\$31,016
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI035097	MECHANISM OF IL-12 INHIBITION BY CANDIDA ALBICANS	\$320,211
2008	UNIVERSITY OF CINCINNATI	OH	R01AI061497	PKA: STRESS RESPONSE AND VIRULENCE IN A. FUMIGATUS	\$285,561
2008	UNIVERSITY OF CINCINNATI	OH	F31AI064121	ROLE OF CASPASES IN ASPERGILLUS FUMIGATUS	\$31,197
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI057798	THE ROLES OF MKP-1 IN GRAM-NEGATIVE BACTERIAL SEPSIS AND COLITIS	\$271,608
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI064687	Fetal Immunity of Malaria	\$359,276
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI059603	GAMMA-HERPESVIRUS INFECTION OF DENDRITIC CELLS	\$264,167
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI074740	ACUTE HUMORAL REJECTION OF RENAL ALLOGRAFTS	\$373,394
2008	CASE WESTERN RESERVE UNIVERSITY	OH	U19AI065717	MASS DRUG TREATMENT AND VECTOR CONTROL OF FILARIASIS	\$814,086
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	U19AI070235	Epithelial Genes in Allergic Inflammation	\$1,032,432
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI068846	MYCOBACTERIUM TUBERCULOSIS LIPOARABINOMANNAN METABOLISM WITHIN HUMAN MACROPHAGES	\$183,938
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI078286	CD24 AND THYMIC GENERATION OF MYELIN ANTIGEN SPECIFIC T CELLS	\$225,000
2008	CLEVELAND BIOLABS INC	OH	RC1AI080306	PROTECTAN CBLB502	\$774,183
2008	PANVIREX LLC	OH	R43AI080387	OXALAMATE DERIVATIVES AS HIV-1 INTEGRASE INHIBITORS	\$300,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI073217	MECHANISMS OF MHC-II ANTIGEN PROCESSING OF HIV IN MACROPHAGES AND DENDRITIC CELLS	\$189,456

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF CINCINNATI	OH	R01AI076104	BIOFILM FORMATION BY PNEUMOCYSTIS	\$365,754
2008	UNIVERSITY OF TOLEDO	OH	R01AI045147	REGULATION OF PHARYNGEAL PUMPING IN PARASITIC NEMATODES	\$267,888
2008	UNIVERSITY OF CINCINNATI	OH	R01AI058159	HCMV US28 SIGNAL TRANSDUCTION BY BETAARRESTIN PROTEINS	\$249,866
2008	CASE WESTERN RESERVE UNIVERSITY	OH	U01AI069501	CASE AIDS CLINICAL TRIALS UNIT	\$2,550,636
2008	UNIVERSITY OF CINCINNATI	OH	U01AI069513	UNIVERSITY OF CINCINNATI AIDS CLINICAL TRIALS UNIT- UC ACTU	\$1,699,965
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI058157	BIOLOGY OF IL-13 RECEPTOR ALPHA 2	\$242,541
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI065348	METABOLIC CONSEQUENCES OF THYMIDINE SPARING REGIMENS	\$212,681
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R13AI069676	AMERICAN SOCIETY FOR VIROLOGY JUNIOR SCIENTIST TRAVEL REQUEST	\$10,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI045626	Cell wall synthesis enzymes and beta-lactam resistance in Enterococcus faecium	\$279,002
2008	BATTELLE MEMORIAL INSTITUTE	OH	R21AI074629	PSEUDO-AUTOTROPHIC SELECTION OF FRANCISELLA TULARENSIS PENTOSE-PHOSPHATE AUXOTROP	\$245,232
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI027243	Heterogeneity of T-cells in M. tuberculosis Infection	\$341,020
2008	MIAMI UNIVERSITY	OH	R01AI070174	STUDY OF IRON ACQUISITION IN ACINETOBACTER BAUMANNII	\$278,604
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	K08AI071111	CHEMOKINES AND THEIR RECEPTORS IN THE PATHOGENESIS OF TUBERCULOSIS	\$124,356
2008	UNIVERSITY OF CINCINNATI	OH	R01AI073337	IMMUNOPATHOGENESIS IN HISTOPLASMOSIS	\$390,000
2008	UNIVERSITY OF CINCINNATI	OH	K23AI080202	Research Career Development in HIV-Related Anal Dysplasia/Carcinoma Prevention an	\$113,586
2008	MIAMI UNIVERSITY	OH	R15AI073994	Gliding motility and cytheadherence in Mycoplasma penetrans	\$206,700
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R56AI073663	CD86 SIGNALING IN B CELLS	\$375,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI062968	MECHANISTIC STUDIES AND INHIBITION STRATEGIES FOR ANTIBIOTIC RESISTANCE	\$265,238
2008	UNIVERSITY OF CINCINNATI	OH	R21AI079947	IDENTIFICATION OF PROTEINS RESPONSIBLE FOR PEANUT ALLERGENICITY	\$195,000
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI074399	PHARMACOGENETICS OF SULFAMETHOXAZOLE IN HIV/AIDS PATIENTS	\$225,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	P01AI076174	DEFINING THE PATHOGENESIS OF IMMUNE DEFICIENCY IN CHRONIC HIV INFECTION	\$2,273,211
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R21AI076309	ISOLATION OF NOVEL ANTILEISHMANIAL MOLECULES FROM PENTALINON ANDRIEUXII ROOT	\$225,000
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R21AI079874	TSG6 IN IGE MEDIATED FOOD ALLERGY	\$187,500

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2008	CLEVELAND STATE UNIVERSITY	OH	R01AI066095	Mechanisms of RAP1 functions in monoallelic VSG expression in Trypanosoma brucei	\$302,521
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R13AI075719	INTERNATIONAL CONGRESS OF VIROLOGY, ISTANBUL, ASV TRAVEL REQUEST	\$30,000
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI054711	NEW APPROACHES TO SCHISTOSOME VACCINE ANTIGEN DISCOVERY	\$385,690
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R01AI034343	Regulation of macrophages by Mycobacterium tuberculosis	\$392,500
2008	UNIVERSITY OF TOLEDO-HEALTH SCIENCE CAMPUS	OH	R01AI065960	DETERMINANTS OF RNA VIRUS EVOLUTION	\$358,335
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI052458	ALTERED M. TUBERCULOSIS MANNOSYLATION AND THE MACROPHAGE	\$355,426
2008	CWRU-CLEVELAND CLINIC LERNER COLLEGE	OH	R01AI065470	ACT1 IN CD40-/BAFFR-MEDIATED B CELL SURVIVAL	\$355,788
2008	UNIVERSITY OF CINCINNATI	OH	R01AI036701	STRUCTURE AND EXPRESSION OF PNEUMOCYSTIS ANTIGEN GENES	\$321,257
2008	CHILDREN'S HOSPITAL MEDICAL CENTER	OH	R01AI059305	MOLECULAR REGULATION OF IMMUNE COMPLEX DISEASE	\$346,486
2008	Research Institute at Nationwide's Children's Hospital	OH	U19AI048231	HCV REPLICATION AND IMMUNITY	\$918,189
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059406	SHIP-2 INFLUENCE ON MACROPHAGE FC RECEPTOR FUNCTION	\$278,119
2008	UNIVERSITY OF TOLEDO	OH	R01AI068133	IMPACT OF THE INTERFERON REGULATED PROTEINS XAF1 AND ZNF313 ON INNATE IMMUNITY	\$226,632
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI059089	NEUROIMMUNE COMMUNICATION AT THE BLOOD BRAIN BARRIER	\$278,119
2008	UNIVERSITY OF CINCINNATI	OH	R56AI023695	BIOLOGIC ACTIVITIES OF THE PERTUSIS TOXIN B-PENTAMER	\$351,000
2008	BRIGHTON TECHNOLOGIES GROUP INC	OH	R44AI063919	ANTIMICROBIAL NANOCOATING	\$115,087
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R03AI069097	IMPACT OF SOCIAL STRESS ON TLR4-INDUCED MICROBICIDAL ACTIVITY OF CD11B+ CELLS	\$73,575
2008	CASE WESTERN RESERVE UNIVERSITY	OH	R21AI076792	MYCOBACTERIUM TUBERCULOSIS PHAGOSOME MATURATION	\$235,500
2008	OHIO STATE UNIVERSITY, RESEARCH FOUNDATION	OH	R01AI064522	IMMUNE CORRELATES OF REACTIVATION TUBERCULOSIS	\$367,875
2008	Research Institute at Nationwide's Children's Hospital	OH	R01AI068956	THE ROLE OF MKP-1 IN INNATE IMMUNE RESPONSES TO LPS	\$273,699
2008	CASE WESTERN RESERVE UNIVERSITY	OH	P30AI036219	Case/UHC Center for AIDS Research	\$1,788,256
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI063444	A NOVEL CHOLESTEROL-DEPENDENT CYTOLYSIN RECEPTOR	\$306,607
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI050933	HUMAN & MOUSE ANTIBODIES AGAINST INFLUENZA VIRUS	\$366,250

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2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI020069	EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	\$319,688
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI058162	DEVELOPMENTAL STAGE-RELATED CHANGES IN LYMPHOPOIESIS	\$359,276
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI044215	BRIGHT FUNCTION IN THE IMMUNE SYSTEM	\$287,421
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI053108	The Neuroimmunology of Viral Infection	\$279,097
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	T32AI007633	Molecular Basis of Immunity - Kirschstein - NRSA	\$147,288
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI078238	SPECIFICITY OF STREPTOCOCCUS MUTANS SUGAR TRANSPORTERS	\$73,250
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI067309	THE ROLE OF CXCL9 IN GENITAL HSV-2 INFECTION	\$286,384
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI069024	REPLENISHMENT OF THE INNATE IMMUNE SYSTEM	\$152,055
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R37AI024717	Genetic Linkage in Lupus	\$359,276
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI063622	IDENTIFYING THE NOVEL SLE SUSCEPTIBILITY GENE ON 5P15.3	\$287,421
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI059302	ROLE OF GATA-3 DURING CD4/CD8 LINEAGE COMMITMENT	\$318,327
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	U19AI062629	Molecular and Immunologic Analysis of the Pathobiology of Human Anthrax	\$2,616,353
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	F31AI077323	ALLOSTERY IN HEPATITIS B VIRUS CAPSID ASSEMBLY	\$0
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	F32AI069784	SPECIFIC INTERACTIONS OF RAG-RSS IN V(D)J RECOMBINATION	\$51,278
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R01AI063274	COMPREHENSIVE CANDIDATE PATHWAY ANALYSIS IN SLE	\$711,323
2008	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R56AI052293	TRANSPORT ACROSS TWO MEMBRANES BY ACRA-B-TOLC COMPLEX	\$360,396
2008	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R15AI072710	ANALYSIS OF THE COXIELLA BURNETII TYPE IV SECRETION SYSTEM DURING INFECTION	\$38,514
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI069986	CONTROL OF TOXOPLASMA GONDII GROWTH BY THE HOST CELL TRANSCRIPTION FACTOR HIF1	\$310,891
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI029611	HAEMOPHILUS INFLUENZAE IRON/HEME REGULON	\$302,826
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059373	Outer membrane proteins of Borrelia burgdorferi	\$272,538
2008	OKLAHOMA STATE UNIVERSITY, GRANTS & CONTRACTS FIN ADM	OK	R21AI073107	PGE2 BIOSYNTHESIS IN CANDIDA ALBICANS	\$151,680

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2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI067417	Molecular Modulation of HBV Capsid Assembly	\$345,885
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI037657	Pore Formation by Cholesterol Dependent Cytolysins	\$345,198
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	U01AI075391	DEVELOPMENT OF AN ANTIMICROBIAL PEPTIDE THERAPEUTIC FOR PSEUDOMONAS INFECTIONS	\$592,713
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R03AI076729	IL-21 POLYMORPHISMS IN SYSTEMIC LUPUS ERYTHEMATOSUS	\$63,000
2008	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R13AI079917	VETERINARY COMPARATIVE RESPIRATORY SOCIETY 2008 SYMPOSIUM	\$15,000
2008	UNIVERSITY OF OKLAHOMA NORMAN CAMPUS	OK	R01AI048945	GROWTH AND COLONIZATION OF THE INTESTINE BY E. COLI	\$423,280
2008	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	OK	R01AI059673	ROLE OF E. FAECALIS ESP IN BIOFILMS AND UTI	\$238,471
2008	OKLAHOMA MEDICAL RESEARCH FOUNDATION	OK	R21AI079616	DO ESTROGEN RECEPTORS IN B CELLS AND DC MEDIATE SEX BIAS IN MURINE LUPUS?	\$198,750
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070890	MODULATION OF INNATE IMMUNE RESPONSES BY CYTOMEGALOVIRUS	\$385,000
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI060392	DEVELOPMENT OF RHCMV VECTORS FOR SIV INFECTION	\$652,770
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI077032	THE ALTERNATIVE NFKB PATHWAY IN SURVIVAL AND FUNCTION OF ANTI-VIRAL T CELLS	\$188,843
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI021640	Molecular Aspects of Cytomegalovirus Latency	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI065389	FOAMY VIRUS VECTORS FOR GENE THERAPY FOR HIV INFECTION	\$121,311
2008	OREGON STATE UNIVERSITY	OR	R01AI073784	GENETIC AND CHEMICAL APPROACHES TO NOVEL LIPID II BINDING PEPTIDE ANTIBIOTICS	\$319,754
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI071798	DEVELOPMENT OF A HIGH THROUGHPUT HIV ASSEMBLY SCREEN	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059457	Evasion of Antigen Presentation by Rhesus Cytomegalovirus	\$361,765
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI076506	VACCINE-INDUCED CD8+ T CELL MEMORY	\$308,000
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI074379	NOVEL ANTIGEN DISPLAY SYSTEM TO PRESENT MULTIPLE ANTIGENS HIV VACCINES	\$357,727
2008	13THERAPEUTICS INC	OR	R21AI070589	LIMITING INFLAMMATION IN BACTERIAL MENINGITIS BY TARGETING HOST IMMUNE PATHWAYS	\$153,281
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI070934	B CELL SUBSETS AS ANTIGEN-PRESENTING CELLS IN PERIPHERAL SELF-TOLERANCE	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI075192	PURINE SALVAGE PATHWAY OF CRYPTOSPORIDIUM PARVUM	\$381,576

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2008	OREGON STATE UNIVERSITY	OR	R01AI016137	UNDERLYING MECHANISMS OF SCHISTOSOME/SNAIL COMPATIBILITY	\$354,132
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI025920	FUNCTIONAL CHARACTERIZATION OF LEISHMANIA TRANSPORTERS	\$366,733
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI059335	INFLAMMATORY RESPONSES IN THE TOXICITY OF RICIN	\$351,137
2008	NAJIT TECHNOLOGIES INC	OR	R43AI063675	RAPID DIAGNOSIS OF MONKEYPOX AND SMALLPOX INFECTIONS	\$834,712
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067710	IMMUNE RECONSTITUTION TO ASPERGILLUS	\$339,575
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	T32AI007472	Interactions at the Microbe/Host Interface	\$345,650
2008	PORTLAND STATE UNIVERSITY	OR	R21AI067837	REVERSED CHLOROQUINES AS ANTIMALARIAL AGENTS	\$214,839
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067522	ROLE OF MACROPHAGE COSTIMULATORY MOLECULES IN POLYMICROBIAL SEPSIS	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI047206	CD8 T Cell Response to Murine Cytomegalovirus	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI063938	THE ROLE OF HIV-1 VPU IN THE REGULATION OF CD40	\$316,025
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI019018	IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	\$377,685
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI043960	NOVEL MHC CLASS II CONSTRUCTS FOR TREATMENT OF EAE	\$366,733
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI067105	DRUG DEVELOPMENT FOR VIF-APOBEC3G IN HIV-1/AIDS	\$363,258
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI054458	CYTOKINE-MEDIATED T CELL ACTIVATION	\$316,025
2008	OREGON STATE UNIVERSITY	OR	R01AI078304	TOPICAL DNA IMMUNIZATION BY MODIFYING THE HAIR FOLLICLE CYCLE	\$354,412
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R56AI041622	POLYAMINE METABOLISM IN LEISHMANIA	\$385,000
2008	OREGON STATE UNIVERSITY	OR	R21AI070538	A TRI-ANTIGEN NASAL ANTHRAX VACCINE AGAINST TOXINS AND VEGETATIVE BACILLI	\$205,616
2008	APTIV INC	OR	R43AI068189	MODULAR FIELD-DEPLOYABLE SOURCE OF CARBON DIOXIDE FOR USE IN VECTOR SURVEILLANCE	\$139,812
2008	VIROGENOMICS BIODEVELOPMENT INC	OR	R41AI072906	GENETICALLY DEFINED ATTENUATED LIVING VACCINE FOR FRANCISELLA	\$298,617
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI048090	Recognition of Mtb-infected cells by CD8+ T lymphocytes	\$315,746
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI050823	IMAGING AND FUNCTION OF THE IMMUNOLOGICAL SYNAPSE	\$304,805
2008	REED COLLEGE	OR	R15AI047802	LER CONTROL OF EPEC VIRULENCE	\$235,364
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI066096	CRITICAL DETERMINANTS OF CD8+ T-CELL-MEDIATED PROTECTION	\$0
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI077048	MECHANISMS OF T CELL ESCAPE BY ORTHOPOXVIRUSES	\$226,611

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2008	OREGON STATE UNIVERSITY	OR	R37AI043288	Genetic Analysis of RNA Virus-Host Interaction	\$288,309
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R37AI054292	Role of Memory T Cell Dynamics in SIV Infection	\$1,047,849
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI065981	IRON AND PATHOGENESIS IN INFECTIONS BY VIBRIO VULNIFICUS	\$377,685
2008	OREGON STATE UNIVERSITY	OR	R01AI063120	ANALYSES OF SODIUM BIOENERGETICS IN VIBRIO CHOLERAЕ	\$332,240
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI044138	Purine Nucleoside/Nucleobase Transporters in Leishmania	\$316,025
2008	OREGON STATE UNIVERSITY	OR	R01AI043199	Genes associated with Mycobacterium avium pathogenesis	\$305,107
2008	OREGON STATE UNIVERSITY	OR	R21AI064018	POST TRANSLATION REGULATION IN MYCOBACTERIA	\$179,278
2008	OREGON STATE UNIVERSITY	OR	R21AI079564	EVALUATION OF EFFICACY OF A POLYHERBAL (BASANT) ANTI-HIV VAGINAL MICROBICIDE IN H	\$198,028
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	K08AI076351	CHARACTERIZATION OF THE PHAGOSOME DURING MYCOBACTERIUM TUBERCULOSIS INFECTION	\$130,275
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R13CA102553	INTERNATIONAL HERPESVIRUS WORKSHOP	\$19,000
2008	OREGON STATE UNIVERSITY	OR	R21AI079454	STRINGENT CONTROL OF VIRULENCE GENE EXPRESSION IN PSEUDOMONAS AERUGINOSA	\$213,831
2008	OREGON STATE UNIVERSITY	OR	R03AI065774	ANTHRAX DNA VACCINE FOR NON-INVASIVE IMMUNIZATION ON SKIN	\$71,711
2008	NAJIT TECHNOLOGIES INC	OR	R43AI079898	DEVELOPMENT OF A YELLOW FEVER VACCINE FOR VULNERABLE POPULATIONS	\$292,941
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI049729	ROLES OF VIF VARIANTS AND APOBEC3S IN HIV -1/AIDS	\$330,059
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R01AI079092	DEVELOPMENT OF ASSAY FOR HIGH THROUGHPUT SCREEN OF PARASITE GLUCOSE TRANSPORTER	\$193,740
2008	OREGON HEALTH & SCIENCE UNIVERSITY	OR	R21AI075064	AIRWAY EOSINOPHIL ACTIVATION BY ANTICHOLINERGIC THERAPY	\$231,000
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077268	MOLECULAR DISSECTION OF EARLY TOXOPLASMA GONDII BRADYZOITE DIFFERENTIATION	\$46,826
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI071286	Molecular Functions and Mechanisms of UL16, A Conserved Tegument Protein of HSV	\$454,810
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070925	INVESTIGATION OF SV5 BUDDING MECHANISMS	\$320,051
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI071846	RATIONAL DESIGN OF NRTI FOR DRUG RESISTANT HIV-1	\$575,802
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI074982	MOLECULAR MECHANISM OF HEPADNAVIRUS PERSISTENCE	\$300,541

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2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022662	HUMAN STRONGYLOIDIASIS: MODEL DEVELOPMENT	\$393,750
2008	UNIVERSITY OF PENNSYLVANIA	PA	K24AI073957	NEIGHBORHOOD LEVEL DETERMINANTS OF PNEUMOCOCCAL DISEASE TRANSMISSION	\$184,893
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI065644	CYSTOSKELETAL REMODELING DURING T CELL ACTIVATION	\$404,049
2008	SWARTHMORE COLLEGE	PA	R15AI074033	DETERMINING THE CONFORMATION OF THE INFLUENZA A M2 PROTEIN USING EPR SPECTROSCOPY	\$200,676
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI051227	POLYOMAVIRUS INFECTION AFTER KIDNEY TRANSPLANTATION	\$319,437
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050484	RNA DELIVERY FOR DENDRITIC CELL HIV ANTIGEN PRESENTATION	\$393,750
2008	WISTAR INSTITUTE	PA	R01AI024541	RECEPTOR DIVERSITY IN RECOGNITION OF INFLUENZA HA	\$336,004
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	K08AI063101	TNF AND GRANULOMA FORMATION IN TUBERCULOSIS	\$120,148
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI042370	HELPER T CELL REGULATION IN MURINE LEISHMANIASIS	\$393,750
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI038446	Mechanisms of pneumococcal persistence during carriage	\$368,577
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI055593	SURFACTANT-PROTEIN INNATE IMMUNITY IN AN ASTHMA MODEL	\$331,721
2008	UNIVERSITY OF PENNSYLVANIA	PA	K08AI063030	FUNCTIONAL CHARACTERS OF MICRORNAS IN T LYMPHOCYTES	\$117,288
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI044127	TNF ALPHA IN INFLAMMATION	\$316,722
2008	WISTAR INSTITUTE	PA	U01AI065279	ANTIVIRAL ACTIVITY OF PEG-IFN ALPHA IN CHRONIC HIV-1	\$582,803
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R01AI060602	BIOMARKERS BASED STUDIES OF POLYMAVIRUSES	\$353,909
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055428	Immune System Development and Regulation	\$226,253
2008	DREXEL UNIVERSITY	PA	R01AI028398	Mitochondrial Functions in Malaria Parasites	\$357,207
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI071386	INFECTION, INFLAMMATION AND PREECLAMPSIA	\$588,364
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI037108	DEVELOPMENT AND COMPETENCE OF NEONATAL MUCOSAL IMMUNITY	\$475,353
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007634	POSTDOCTORAL TRAINING GRANT IN INFECTIOUS DISEASES	\$138,342
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049301	HOW DO YOU BUILD A PARASITE?	\$361,918
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI053531	PICORNAVIRUS GENOME REPLICATION	\$439,082
2008	DREXEL UNIVERSITY	PA	R01AI062437	IL-15 TREATMENT OD SIV-INFECTED NON-HUMAN PRIMATES	\$417,764

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI072083	INTERACTION OF MICROVESICLES AND BACTERIAL TOXINS WITH IMMUNE CELLS	\$358,725
2008	TEMPLE UNIVERSITY	PA	R01AI076535	COMBINATION THERAPIES FOR CHRONIC HBV, LIVER DISEASE AND CANCER	\$366,600
2008	UNIVERSITY OF PITTSBURGH	PA	F32AI077244	HELPER AND SUPPRESSOR ROLES OF CD8+ T CELLS	\$46,826
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI079731	THE MECHANISM OF NK CELL DEFECTS IN HUMAN NEMO DEFICIENCY	\$233,850
2008	IMMUNOME INC	PA	R43AI079999	A HETEROPOLYMER ANTIBODY FOR TREATMENT OF SEROTYPE B BONT	\$270,025
2008	DREXEL UNIVERSITY	PA	R01AI073794	CANDIDA GLABRATA PDR1: MASTER REGULATOR OF AZOLE RESISTANCE	\$367,500
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI073556	ROLE OF FSTL-1 IN ARTHRITIS	\$378,750
2008	WISTAR INSTITUTE	PA	R01AI073219	NK/DC CROSS-TALK AND ANTIVIRAL RESPONSE	\$632,784
2008	THOMAS JEFFERSON UNIVERSITY	PA	R03AI076788	THE FUNCTION OF CFLIP IN B LYMPHOCYTES	\$77,250
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R21AI078387	SIGNAL INITIATION FROM THE T-CELL ANTIGEN RECEPTOR BY MECHANICAL FORCE	\$256,824
2008	DREXEL UNIVERSITY	PA	R01AI069147	VARIANT SURFACE ANTIGENS AND IMMUNITY TO MALARIA	\$421,030
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI080424	NEGATIVE EFFECTS OF IRRADIATED HOSTS ON TRANSPLANTED HEMATOPOIETIC STEM CELLS	\$378,750
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R56AI073215	MECHANISMS OF GENE REGULATION BY EBV EBNA-1 PROTEIN	\$379,236
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI079694	STRUCTURAL BASIS FOR LONG-RANGE GENETIC INTERACTIONS IN RETROVIRAL CA ASSEMBLY	\$229,913
2008	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R01AI075077	TRIPLE ACTION CHIMERA: ERADICATION OF NASAL S. AUREUS BY CELL WALL HYDROLASES	\$100,000
2008	LIFESENSORS INC	PA	R43AI075720	DEVELOPMENT OF A NOVEL METHOD TO ENHANCE THERAPEUTIC PROTEIN PRODUCTION	\$283,530
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R56AI073955	EOSINOPHILS AND ALLERGIC AIRWAY RESPONSES	\$61,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI077370	MECHANISMS OF HIV RESISTANCE TO CCR5 INHIBITORS AND CONSEQUENCES FOR PATHOGENESIS	\$56,702
2008	TEMPLE UNIVERSITY	PA	R01AI077460	Cytokine regulation of JC virus latency and reactivation	\$362,500
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI041158	Immunopathogenesis of Toxoplasmic encephalitis	\$309,015
2008	PROGENRA INC	PA	R43AI078599	DISCOVERY OF NOVEL SALMONELLA THERAPEUTICS	\$295,858
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076231	EARLY EVENTS IN HERPES SIMPLEX VIRUS ENTRY	\$426,782

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2008	UNIVERSITY OF PITTSBURGH	PA	R01AI076060	Immunization Strategies for Autologous HIV Immunotherapy	\$376,251
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076458	Asymmetric CD8+ T Cell Division in the Initiation of Immunity	\$386,852
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI048849	MHC CLASS I ANTIGEN PRESENTATION IN VIRAL INFECTIONS	\$419,378
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052845	Favored sites for HIV cDNA integration in the human genome	\$354,342
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI048927	Mechanisms of Antigen-Induced Tolerance in the Lung	\$404,846
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058019	REGULATION OF T CELL AND MAST CELL FUNCTION BY DGKZETA	\$368,577
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI067684	IMMUNOTHERAPY OF ADENOVIRUS INFECTIONS IN STEM CELL TRANSPLNT RECIPIENTS	\$297,196
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI043745	Gene Therapy for Canine X-linked SCID	\$53,786
2008	UNIVERSITY OF PENNSYLVANIA	PA	K23AI067567	REBUILDING IMMUNITY	\$133,029
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI035502	DUAL-TROPIC HIV-1 STRAINS AND PRIMARY CELL INFECTION	\$331,721
2008	DREXEL UNIVERSITY	PA	R01AI055590	STUDIES ON NIKD, A NIKKOMYCIN BIOSYNTHETIC ENZYME	\$239,517
2008	UNIVERSITY OF PENNSYLVANIA	PA	U19AI066290	LENTIVIRUS-BASED IMMUNOGENE THERAPY FOR HIV INFECTION	\$1,931,956
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI054488	ROLE OF BLYS IN PERIPHERAL B CELL SELECTION AND SURVIVAL	\$331,721
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047519	CELLULAR IMMUNITY AND THE OUTCOME OF HEPATITIS C VIRUS INFECTION	\$304,162
2008	MAGEE-WOMENS HEALTH CORPORATION	PA	K23AI064396	HSV-2 SHEDDING: ROLE OF HORMONAL CONTRACEPTION AND BV	\$126,630
2008	CARNEGIE-MELLON UNIVERSITY	PA	F32AI071439	GENOMIC DISSECTION OF BIOFILM FORMATION IN C. ALBICANS	\$50,428
2008	MORPHOTEK INC	PA	U01AI075399	HUMAN ANTIBODIES FOR THERAPEUTIC INTERVENTION OF STAPH ENTEROTOXIN B EXPOSURE	\$862,685
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI066333	SMALLPOX VACCINE AND VACCINIA COMPLEMENT CONTROL PROTEIN	\$314,962
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI070537	LEUKOTRIENES IN INNATE AND ADAPTIVE ANTIVIRAL IMMUNITY	\$342,711
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI054974	ROLE OF ALX IN CD28 SIGNALING	\$48,448
2008	UNIVERSITY OF PITTSBURGH	PA	R03AI073578	B CELL HELP FOR ALLOREACTIVE T CELL MEMORY	\$72,839
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI068642	THROMBOREGULATION TO PREVENT THROMBOTIC MICROANGIOPATHY	\$666,460

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2008	UNIVERSITY OF PITTSBURGH	PA	R01AI067780	TH2 EFFECTS ON EICOSANOID PATHWAYS: IMPLICATIONS FOR ALTERED INNATE RESPONSES IN	\$356,575
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI074402	NOVEL SELECTABLE MARKERS FOR F. TULARENSIS	\$182,100
2008	THOMAS JEFFERSON UNIVERSITY	PA	R21AI077053	DISSECTING 3 PROCESSING PATHWAYS THAT GENERATE CLASS II-RESTRICTED FLU EPITOPES	\$190,069
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI072943	ROLE OF THE INTESTINAL EPITHELIUM IN IMMUNITY	\$39,197
2008	DREXEL UNIVERSITY	PA	R03AI078790	DEVELOPMENT OF A HIGH THROUGHPUT FRET-BASED SCREENING ASSAY FOR THE IDENTIFICATIO	\$75,000
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076342	CAUSES AND CONSEQUENCES OF OSPC VARIATION IN BORRELIA BURGDORFERI TO LYME DISEASE	\$348,299
2008	UNIVERSITY OF PENNSYLVANIA	PA	U19AI048241	ACTIVE IMMUNE THERAPY AND HAART FOR HIV-1 INFECTION	\$320,007
2008	UNIVERSITY OF PENNSYLVANIA	PA	K08AI070153	FUNCTION OF T CELL TOLL-LIKE RECEPTORS	\$137,619
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI067946	Directing Function at the Natural Killer Cell Secretory Immunological Synapse	\$423,129
2008	WISTAR INSTITUTE	PA	R01AI032137	A TRANSGENIC MODEL FOR B CELL TOLERANCE AND AUTOIMMUNITY	\$496,668
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI079801	MICROBICIDE PROPERTIES OF RT INHIBITOR COMBINATIONS	\$197,946
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI070896	OPTIMIZING DOSING OF COLISTIN FOR INFECTIONS RESISTANT TO ALL OTHER ANTIBIOTICS	\$609,746
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073347	REGULATION OF INTERFERON RECEPTOR BY LEISHMANIA KINASE	\$231,761
2008	DREXEL UNIVERSITY	PA	R01AI068137	PLASMODIUM INVASION MACHINERY	\$595,288
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074362	Pathogenic determinants of the SIV envelope transmembrane cytoplasmic domain	\$643,694
2008	UNIVERSITY OF PENNSYLVANIA	PA	K02AI078766	HIV RESTRICTION IN CD4+ T CELLS: HOST AND VIRAL FACTORS	\$81,000
2008	CELSENSE INC	PA	R43AI078602	ANALYSIS OF CELL SENSE LABELED HUMAN CELLS	\$273,009
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI069192	THE BASIS FOR MHC CLASS II-RESTRICTED PROTEASOME-DEPENDENT EPITOPES	\$329,586
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073409	BIOPHYSICS OF FLUID LIPID/PROTEIN MEMBRANE DOMAINS AND IMMUNE CELL SIGNALING	\$210,375
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI075846	CD8+ T CELL MEMORY AND MUCOSAL IMMUNITY TO TOXOPLAMSA GONDII	\$46,826

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2008	WISTAR INSTITUTE	PA	K22AI070317	ESSENTIAL ROLE OF TRANSCRIPTION FACTOR FOXP1 IN B CELL DEVELOPMENT AND FUNCTION	\$162,000
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI071090	MECHANISMS OF INTRASPECIES COMPETITION IN STREPTOCOCCUS PNEUMONIAE.	\$58,122
2008	UNIVERSITY OF PITTSBURGH	PA	K08AI072365	THE ROLE OF BBI36/38 IN LYME DISEASE PATHOGENESIS	\$108,729
2008	TEMPLE UNIVERSITY	PA	R01AI034765	HIV-1 INHIBITION BY DELIVERY OF 2-5OAS & PKR GENES	\$250,044
2008	UNIVERSITY OF PITTSBURGH	PA	K24AI052788	Clinical Research and Mentoring in Epidemiology of Bacterial Diseases	\$166,629
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI035041	University of Pittsburgh Multicenter AIDS Cohort Study (MACS)	\$3,393,874
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI066998	STUDIES OF NATURAL SIV INFECTION OF SOOTY MANGABEYS	\$595,042
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI063626	MECHANISMS OF AUTOREACTIVITY IN SLE	\$310,828
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI045086	CYTOADHERENCE IN MATERNAL MALARIA	\$271,442
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI051626	ROLE OF THE TYROSINE KINASE ITK IN EXPERIMENTAL ALLERGIC ASTHMA	\$362,768
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI022193	HUMAN BLOOD MONOCYTE RECEPTOR EXPRESSION AND MODULATION	\$533,701
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI049344	COMPLEMENT REGULATORY PROTEINS AND AUTOIMMUNE DISEASE	\$386,269
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072479	ANALYSIS OF GENE REGULATION OF VIBRIO CHOLERAEE INFECTION	\$379,502
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI060686	GENERATION OF NOVEL RECOMBINANT RABIES VIRUS VACCINES	\$253,935
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI063360	IMMUNE RESPONSE TO POLYOMAVIRUS INFECTION	\$385,400
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	U01AI069467	PHILADELPHIA IMPAACT CLINICAL TRIALS UNIT	\$1,674,252
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K08AI062468	ENGINEERING PRIMARY T CELLS FOR RESISTANCE TO HIV-1	\$127,062
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI064909	TRAF6 and the Fate of CD8 T Cells	\$375,067
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI039368	IMMUNE MODULATION BY INTESTINAL CELL DIFFERENTIATION	\$353,835
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI042915	CONTROL OF LINEAGE COMMITMENT IN DEVELOPING THYMOCYTES	\$392,994
2008	DREXEL UNIVERSITY	PA	R01AI046719	IN VITRO STIMULATION OF HIV SPECIFIC CD8+ T CELLS	\$357,207
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044970	Biology of decay accelerating factor	\$331,721
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI068442	MECHANISMS OF HIV-1 RESISTANCE TO ENTRY INHIBITORS	\$8,405

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2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI060516	Microbial Pathogenesis and Genomics	\$109,201
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI074844	TOLERANCE TO CARBOHYDRATE ANTIGENS IN TRANSPLANTATION	\$182,098
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI074490	Interdisciplinary Training in Transplantation Biology	\$180,474
2008	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI066734	APTAMER MICROBICIDE DEVELOPMENT PROGRAM (MDP)	\$634,364
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI065380	PITT AIDS Research Training Program	\$214,827
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI071417	ROLE OF TGF-BETA IN SCHISTOSOMA MANSONI	\$51,278
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R21AI079762	THE ROLE OF NUCLEAR WASP IN THE TRANSCRIPTIONAL REGULATION OF TH1 DIFFERENTIATION	\$221,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI073489	IMMUNE CHEMISTRY AND THERAPEUTIC FEATURES OF FOXP3	\$1,416,324
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI073561	MOLECULAR PATHOGENESIS OF IMMUNE DYSFUNCTION IN WISKOTT-ALDRICH-SYNDROME	\$363,262
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI067313	INHIBITION OF THE INTERFERON RESPONSE BY WEST NILE VIRUS	\$377,440
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI068507	ELICITATION OF BROAD IMMUNITY USING VLPS WITH CONSENSUS ENVIS	\$667,172
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052789	KSHV-ORI-LYT-DEPENDENT DNA REPLICATION	\$393,750
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI060005	PASSIVE IMMUNIZATION FOR NEUROTROPIC VIRUS INFECTION	\$266,096
2008	MOLECULAR TARGETING TECHNOLOGIES INC	PA	R41AI073064	A NOVEL VACCINE: BOTULINUM NEUROTOXIN SUBUNIT ON A VIRAL CARRIER.	\$332,811
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI073938	THERAPEUTIC EFFECTS OF HISTONE DEACETYLASE INHIBITORS ON FOXP3 + TREG FUNCTIONS	\$411,875
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI049820	Molecular Microbial Persistence and Pathogenesis	\$256,949
2008	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R15AI051352	DEVELOPING ISONITRILE CHEMISTRY FOR MEDICINAL APPLICATIONS	\$223,530
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI073015	ANTIBIOTIC USE AND ADVERSE EVENTS	\$74,886
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	U01AI077867	Alloantibodies in Cardiac Transplantation - Intervention, Outcomes and Mechanisms	\$1,151,902
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI040385	Structure and Function of Integrase	\$419,378
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI073342	Molecular Detection of Blood Stream Infections in Women with Gynecologic Cancer	\$289,940
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI041139	Innate Immune Responses to Malaria Parasites	\$357,984
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074878	Innate immunity and inflammation following helminth infection	\$393,750
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI054643	Cyclin-dependent kinases: Novel switches in anergy and targets for tolerance	\$411,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032573	SCHISTOSOME EGG INDUCED TH2 RESPONSES	\$311,719

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2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI052384	USE OF DISTINCT IRON UPTAKE SYSTEMS BY CANDIDA ALBICANS	\$318,117
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI062789	EXPRESSION AND FUNCTION OF THE TLRs ON T CELLS	\$392,769
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI049153	RABIES VIRUS-BASED VECTORS AS AN HIV - 1 VACCINE	\$694,898
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI046806	REGULATION OF PERSISTENT AB RESPONSES BY FC RECEPTORS	\$326,489
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI060008	MECHANISMS OF CUTANEOUS IMMUNOBIOLOGY:SKIN IMMUNE ORGAN	\$310,793
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI045025	CELLULAR IMMUNE SURVEILLANCE OF INTRACELLULAR BACTERIA	\$313,087
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI036331	CLASS II PROCESSING DELINEATED BY FLU GLYCOPROTEINS	\$255,563
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058066	DEVELOPMENT OF PLASMACYTOID DENDRITIC CELLS	\$294,862
2008	UNIVERSITY OF PENNSYLVANIA	PA	K23AI060887	RISK OF INFECTIOUS COMPLICATIONS IN NOSOCOMIAL PNEUMONIA	\$132,462
2008	WISTAR INSTITUTE	PA	R01AI071309	REGULATION OF EXHAUSTION AND ALTERED CD8 T CELL MEMORY DURING CHRONIC INFECTION	\$344,299
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI060422	CHEMOKINE MODULATION DURING SIV INFECTION & AIDS	\$529,989
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K23AI062975	RISK FACTORS AND OUTCOMES OF CANDIDEMIA IN CHILDREN	\$133,272
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071302	ROLE OF DENDRITIC CELLS IN RESISTANCE TO TOXOPLASMA.	\$479,783
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI040880	HIV ENTRY AND ITS INHIBITION	\$378,203
2008	UNIVERSITY OF PITTSBURGH	PA	R37AI041870	ANTI-HIV T CELL RESPONSES DURING ANTIVIRAL DRUG THERAPY	\$310,793
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI055400	Training in Emerging Infectious Diseases	\$234,665
2008	WISTAR INSTITUTE	PA	R01AI069996	TB-RELATED IMMUNE RECONSTITUTION SYNDROME IN HIV-1 INFECTED SOUTH AFRICANS	\$315,073
2008	UNIVERSITY OF PENNSYLVANIA	PA	F31AI071385	THE ROLE OF HS1 IN T CELL ACTIVATION	\$44,606
2008	DREXEL UNIVERSITY	PA	R01AI064844	ROLE OF HEPATITIS B VIRUS X PROTEIN IN HBV REPLICATION.	\$315,019
2008	TEMPLE UNIVERSITY	PA	R01AI064017	S-ADENOSYLMETHIONINE AND PNEUMOCYSTIS TREATMENT	\$342,524
2008	ELIZABETHTOWN COLLEGE	PA	R15AI076933	DO INTRAVENOUS ANTIBIOTICS ADMINISTERED DURING DELIVERY AFFECT THE DEVELOPMENT OF	\$197,841

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2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI074571	DEVELOPMENT OF DRUGS THAT TARGET THE M2 PROTON CHANNEL FROM THE INFLUENZA A VIRUS	\$1,430,000
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI070847	DEVELOPING A PARAMYXOVIRUS-BASED H5N1 VACCINE	\$515,639
2008	UNIVERSITY OF PENNSYLVANIA	PA	K08AI080138	SIGNIFICANCE OF NOTCH1 AND TRIBBLES-2 IN MACROPHAGE FUSION AND GRANULOMA FORMATIO	\$126,495
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI076677	DIAGNOSING ACUTE BACTERIAL SINUSITIS IN CHILDREN AND MEASURING TREATMENT RESPONSE	\$232,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	K01AI079162	MATHEMATICAL TECHNIQUES FOR CONTROL OF EPIDEMIC TRYPANOSOMA CRUZI TRANSMISSION	\$94,531
2008	UNIVERSITY OF PENNSYLVANIA	PA	K08AI073102	EFFECT OF TREG CELLS ON CD4+TH IMMUNE RESPONSES DURING ACUTE FIV INFECTION	\$140,408
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI071043	POSITIVE SELECTION-DEPENDENT SKIN-HOMING OF FETAL THYMIC GAMMA/DELTA T CELLS	\$183,431
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI075266	TGF-BETA SIGNALING IN SCHISTOSOMES	\$393,750
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI049335	DEVELOPMENT AND FUNCTION OF NATURAL AUTOREACTIVE B CELLS	\$433,229
2008	UNIVERSITY OF PENNSYLVANIA	PA	K23AI058881	EFFECT OF GBV-C ON HIV	\$132,462
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI065702	GLUCOCORTICOID/STRESS EFFECTS ON DENDRITIC CELL FUNCTION	\$344,371
2008	UNIVERSITY OF PENNSYLVANIA	PA	R37AI028724	GENETIC DISSECTION OF TOXOPLASMA GONDII	\$573,854
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI043453	Mechanisms of Hepadnavirus Assembly and Replication	\$297,279
2008	WISTAR INSTITUTE	PA	R01AI059166	SPECIFICITY AND FUNCTION OF CD25+ REGULATORY T CELLS	\$340,342
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI059621	Early T lineage progenitors	\$331,721
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI065544	Mechanisms of NK Cell Migration to the Draining Lymph Node in Viral Infections	\$559,917
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI064494	PHAGE MIMICRY OF MYCOBACTERIAL SIGNALING	\$516,690
2008	DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	R01AI069966	NOVEL, P. JIROVECII SPECIFIC ANTIPNEUMOCYSTIS AGENTS	\$313,094
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI052281	RECEPTORS AND SIGNALS IN COXSACKIEVIRUS PATHOGENESIS	\$403,436
2008	WISTAR INSTITUTE	PA	U19AI074078	HIV-1 Vaccine Based on Chimp Serotypes of Adenovirus	\$2,861,413
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI077771	VIRUS-LIKE PARTICLE VACCINES FOR PANDEMIC INFLUENZA	\$1,376,620

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R01AI073895	PREDICTORS FOR DRUG SELECTION AND MINIMIZATION IN PEDIATRIC LIVER TRANSPLANTATION	\$344,236
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI072490	CELL BIOLOGY OF ENTEROVIRUS INFECTION IN POLARIZED EPITHELIAL CELLS	\$326,591
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071774	VAGINAL IMMUNITY AFTER INTRANASAL LISTERIA VACCINATION	\$193,134
2008	VITAL PROBES INC	PA	R43AI075921	DEVELOPMENT OF A BACTERIAL GHOST DNA VACCINE FOR INFLUENZA USING ANTIBODY EPITOPE	\$288,680
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI038965	NEGATIVE SELECTIVE OF AUTOREACTIVE ANTIBODIES	\$380,138
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R21AI078263	VECTOR COMMUNITY STRUCTURE AND MALARIA EPIDEMIOLOGY	\$247,750
2008	MAGEE-WOMENS HEALTH CORPORATION	PA	U01AI068633	MICROBICIDE TRIALS NETWORK	\$21,400,753
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI077913	OPTIMIZING THE FORMULATION OF A PROTEIN BASED SMALLPOX VACCINE	\$538,930
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI071274	ROLE OF CASPASE-8 IN LYMPHOCYTE PROLIFERATION	\$231,761
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI068730	Complement in inflammatory diseases: mechanisms & therapeutic modulation	\$1,199,128
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI071777	Dendritic Cell Dynamics in Peripheral and Lymphoid Tissues in SIV Infection	\$469,430
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI068907	TRANSCRIPTIONAL CONTROL OF TH-POK, A KEY REGULATOR OF LINEAGE CONTROL	\$472,923
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI064553	MALARIA HATS IN TRANSCRIPTION REGULATION	\$365,005
2008	CHILDRENS HOSP OF PITTSBURGH OF THE UPMC HEALTH SYSTEM	PA	R00AI075106	NOVEL IL-17 PRODUCING MEMORY CELLS ARE KEY TO VACCINE-BASED IMMUNITY IN THE LUNG	\$249,000
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI026782	LY-1 B CELLS: DEVELOPMENTAL ORIGINS AND V GENE BIASES	\$558,031
2008	JUNIATA COLLEGE	PA	R15AI072722	CHARACTERIZATION OF STREPTOCOCCAL IDES	\$202,374
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI076066	T cell functionality and control of HIV infection	\$412,993
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI046645	RISK FACTORS FOR DRUG RESISTANT PNEUMOCOCCAL BACTEREMIA	\$644,259
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073660	FUNCTION AND PHARMACOLOGY OF SCHISTOSOME MULTIDRUG RESISTANCE PROTEINS	\$347,642
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI056045	Uncovering the Regulatory Role of gH/gL in HSV Fusion	\$368,577
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI062698	PIMECROLIUS ON T CELL RESPONSES IN ATOPIC MARCH	\$370,489

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2008	LANKENAU INSTITUTE FOR MEDICAL RESEARCH	PA	R01AI065967	Human Monoclonal Antibodies that Bind Botulinum Toxins	\$375,096
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044231	BACTERIAL PHOSPHORYLCHOLINE AND PATHOGENESIS	\$325,437
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI018641	HEPADNAVIRUS INFECTIONS AND LIVER CANCER	\$562,151
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI073920	ROLE OF RPL22 IN THYMOCYTE DEVELOPMENT	\$419,378
2008	TEMPLE UNIVERSITY	PA	R01AI052306	ROLE OF PGE2 IN CNS AND PERIPHERAL AUTOIMMUNE DISORDERS	\$347,274
2008	UNIVERSITY OF PITTSBURGH	PA	P01AI061537	MYCOLOGY RESEARCH UNIT: IN VIVO INDUCED FUNGAL ANTIGENS	\$689,797
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061039	REGULATION OF PMN ACTIVATION BY SLP-76, PRAM-1 AND ADAP	\$424,461
2008	THOMAS JEFFERSON UNIVERSITY, JEFFERSON MEDICAL COLLEGE	PA	R01AI065750	B1B LYMPHOCYTES GENERATE T CELL-INDEPENDENT MEMORY	\$332,202
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI060525	Immunology of Infectious Disease	\$298,583
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI041521	COSTIMULATION AND CYTOKINES IN TOLERANCE	\$1,338,670
2008	TEMPLE UNIVERSITY	PA	T32AI007101	TRAINING PROGRAMS IN MICROBIOLOGY AND IMMUNOLOGY	\$342,936
2008	UNIVERSITY OF PENNSYLVANIA	PA	P30AI045008	Center for AIDS Research	\$2,500,675
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI070499	INTEGRATED ANTIMICROBIAL DRUG DISCOVERY SCHEME FOR MULTIDRUG RESISTANT BACTERIA	\$523,245
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI068021	Signature-Directed, Sequential Delivery of Radiation Mitigators	\$2,024,600
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI075929	NOVEL STIMULATORS OF HIV-1 INTEGRASE FOR USE IN COMBINATION MICROBICIDE REGIMENS	\$206,321
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073384	INTERACTIONS OF HERPES SIMPLEX VIRUS WITH NECTIN-1 AT CELL JUNCTIONS	\$193,134
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007324	Training in Virology	\$396,345
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070077	VMD-PhD training in infectious disease-related research	\$88,100
2008	TEMPLE UNIVERSITY	PA	R56AI047325	NEUROPEPTIDES AND REGULATORY T CELLS	\$296,870
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073419	BACTERIAL BIOFILM-HOST INTERACTION DURING VIBRIO CHOLERAE INFECTION	\$236,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI077014	ROLE OF ISG15 IN INHIBITION OF EBOLA VIRUS BUDDING	\$193,134
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI075194	STREPTOCOCCUS PNEUMONIAE GENETIC COMPETENCE AND PATHOGENESIS	\$411,250
2008	THOMAS JEFFERSON UNIVERSITY	PA	R21AI072723	DNA MISMATCH REPAIR AND MALARIA DRUG RESISTANCE	\$231,600

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2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI078189	PNEUMOCOCCAL TRANSMISSION IN URBAN ENVIRONMENTS	\$293,500
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI067541	DENDRITIC CELLS, RAPAMYCIN AND TRANSPLANT TOLERANCE	\$364,196
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI044821	Repression and activation of persisting HSV genomes	\$304,301
2008	THOMAS JEFFERSON UNIVERSITY	PA	R21AI079526	NON-PROTEASOMAL PROTEASE(S) THAT DEFINE C-TERMINI OF MHC CLASS I EPITOPES	\$231,750
2008	UNIVERSITY OF PENNSYLVANIA	PA	R56AI076257	INITIATION OF IMMUNE RESPONSES IN CHRONIC LEISHMANIASIS	\$393,750
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI073955	Eosinophils and Allergic Airway Responses	\$297,324
2008	ECOHEALTH ALLIANCE INC	PA	R01AI079231	RISK OF VIRAL EMERGENCE FROM BATS	\$534,989
2008	ECOHEALTH ALLIANCE INC	PA	K08AI067549	RISK FOR FUTURE OUTBREAKS OF HENIPAVIRUSES IN SOUTH ASIA	\$130,950
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI073328	ROLE OF PET ANIMALS AS RESERVOIRS FOR MRSA IN HOUSEHOLDS	\$236,250
2008	INTEGRAL MOLECULAR INC	PA	R43AI079856	IDENTIFICATION OF NOVEL INFLUENZA INHIBITORS	\$325,310
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI067544	REGULATION OF T CELL ACTIVATION AND DIFFERENTIATION BY TIM-1	\$286,242
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI065566	ITK MAST CELLS AND ALLERGIC AIRWAY RESPONSES	\$312,404
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	R01AI070807	REGULATION OF FOXP3 FUNCTION	\$370,688
2008	DREXEL UNIVERSITY	PA	R01AI064346	A STUDY OF THE MITOGENIC EFFECTS OF SEROTONERGIC RECEPTORS	\$292,603
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI052812	IMMUNE RECEPTORS ON CYTOTOXIC LYMPHOCYTES AND TARGET CELLS	\$171,388
2008	DREXEL UNIVERSITY	PA	U01AI061441	IMINO SUGARS FOR FLAVIVIRUS INFECTIONS OF BIOTERROR	\$1,676,924
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI044264	A CYTOKINE THAT PROMOTES DENDRITIC CELL SURVIVAL	\$380,218
2008	WISTAR INSTITUTE	PA	R01AI046457	M2-BASED INFLUENZA TYPE A VIRUS VACCINE	\$333,181
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI060994	PLASMACYTOID DENDRITIC CELLS AND TRANSPLANT TOLERANCE	\$271,700
2008	TEMPLE UNIVERSITY	PA	R01AI058173	Control of Calcium Entry Signals in B Cells	\$348,812
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI072008	PACKAGING OF EBOLA VIRUS RNA INTO BUDDING VLPS	\$193,134
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI073939	TRANSITIONAL B CELL SELECTION DURING PERIPHERAL B LYMPHOPENIA AND RECONSTITUTION	\$386,269
2008	DREXEL UNIVERSITY	PA	R01AI066215	DENDRITIC CELL REGULATION OF CD8+ T CELL RESPONSES	\$348,812
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060921	Novel Mechanisms of Calcium Signaling in B lymphocytes	\$368,577

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2008	WISTAR INSTITUTE	PA	R01AI062512	PEDIATRIC IMMUNE CORRELATES OF EARLY ANTI-HIV THERAPY	\$576,212
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI050668	INSULIN-LIKE SIGNALING IN PARASITIC NEMATODE DEVELOPMENT	\$375,067
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI032592	DEVELOPMENTAL B CELL TOLERANCE AND NEGATIVE SELECTION	\$367,321
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058862	DISSECTING HIV INTEGRATION VS PRODUCTION IN CD4+ T CELLS	\$350,547
2008	CARNEGIE-MELLON UNIVERSITY	PA	R01AI066367	SOCIAL AND PSYCHOLOGICAL RISK FOR INFECTIOUS ILLNESS	\$538,409
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI037691	Novel Mechanisms of Tolerance Resistance	\$322,325
2008	PENNSYLVANIA STATE UNIVERSITY	PA	K02AI065795	PATHOGENESIS OF MUMPS VIRUS	\$103,842
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI073975	HIV RNASE H NATURAL PRODUCT INHIBITORS	\$896,645
2008	UNIVERSITY OF PITTSBURGH	PA	R37AI019844	Mechanisms of Action of C. Perfringens Enterotoxin	\$259,985
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI053825	DENDRITIC CELL FUNCTION IN SCHISTOSOMIASIS	\$371,014
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI058515	PLASMODIUM GENOME DATABASE	\$602,142
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI047833	Notch Regulation of Hematopoietic Cell Fates	\$375,067
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI059114	INTEGRATION AND EXCISION BY SERINE INTERGRASES	\$335,406
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI061818	MECHANISMS OF ACTION IL-23 IN RELAPSING DEMYELINATION	\$365,089
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI067037	KSHV LATENCY CONTROL BY RTA	\$337,560
2008	UNIVERSITY OF PENNSYLVANIA	PA	R37AI045378	MODIFIED HIV EVNS FOR STRUCTURE FUNCTION & VACCINE STUDIES	\$520,557
2008	UNIVERSITY OF PITTSBURGH	PA	U19AI065430	CV-N SECRETING LACTOBACILLI AND RETROCYCLIN MICROBICIDES	\$1,174,259
2008	PENNSYLVANIA STATE UNIVERSITY	PA	R01AI045818	RNA-dependent RNA Polymerase	\$228,898
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI060505	ROLE OF GP-340 IN HIV INFECTION AND TRANSMISSION	\$368,577
2008	THOMAS JEFFERSON UNIVERSITY	PA	R21AI077033	MAINTENANCE OF BLOOD-BRAIN BARRIER INTEGRITY AS A NEUROTROPIC VIRUS IMMUNIZATION	\$190,069
2008	UNIVERSITY OF PENNSYLVANIA	PA	R13AI080054	1ST AMERICAN CONFERENCE ON RECONSTRUCTIVE TRANSPLANT SURGERY	\$3,000
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI030040	Structural analysis of the third component of complement	\$298,148
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI071739	DNA VACCINE FOR INDUCTION OF MUCOSAL IMMUNITY	\$1,569,914
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI063288	MECHANISM OF PROTECTION OF DAF AND CD59 IN SLE	\$368,577
2008	UNIVERSITY OF PENNSYLVANIA	PA	F32AI080144	TOOLS FOR HIV-1 INHIBITION ANTAGONISTS FOR THE CCR5 RECOGNITION SITE ON GP 120	\$49,646

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2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI063589	MOLECULAR PROFILING AND IMMUNOMODULATORY INTERVENTIONS	\$2,717,163
2008	WISTAR INSTITUTE	PA	R56AI041136	EARLY INTERACTIONS OF DNA VIRUSES AND HOST	\$409,610
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074626	CHARACTERIZATION OF THE LA CROSSE VIRUS GLYCOPROTEIN FUSION PEPTIDE	\$347,765
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI079177	B CELLS IN THE PATHOGENESIS OF ALLOGRAFT REJECTION	\$340,875
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI070099	TRAINING IN VACCINE & IMMUNE THERAPEUTICS	\$194,114
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R01AI057988	GENETIC ANALYSIS OF PAPILOMAVIRUS VIRION MORPHOGENESIS	\$343,280
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R21AI071877	CAN MANNOSYLATED DENDRIMERS INHIBIT HIV-1 INFECTION OF DC-SIGN EXPRESSING CELLS	\$222,197
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI075303	DIVERSITY OF ANTIMICROBIAL USE AND EMERGENCE OF RESISTANCE IN PSEUDOMONAS	\$193,134
2008	UNIVERSITY OF PENNSYLVANIA	PA	K01AI070001	RISK FACTORS AND PREDICTION OF LIVER DISEASE IN HIV/HCV	\$133,029
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI076256	ALTERNATIVE STRATEGIES FOR ADULT PNEUMOCOCCAL VACCINATION	\$227,250
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074866	DESIGN AND MECHANISTIC STUDIES OF MIMICS OF ANTIMICROBIAL PEPTIDES	\$601,549
2008	INSTITUTE FOR HEPATITIS & VIRUS RESEARCH	PA	R56AI066024	SCREEN FOR AN UNEXPLOITED STEP IN THE HBV LIFE CYCLE	\$337,500
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI070929	CREATION OF A CONDITIONAL IL-6 KNOCKOUT MOUSE	\$193,134
2008	MILTON S HERSHEY MEDICAL CENTER	PA	R56AI056094	PATHWAYS OF ANTIGEN PRESENTATION TO CD8 T CELLS IN VIVO	\$384,386
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI078926	ROLE OF BUB1 IN SV40 LARGE T ANTIGEN MEDIATED TRANSFORMATION AND REPLICATION	\$373,497
2008	UNIVERSITY OF PITTSBURGH	PA	R13AI080033	PLASMID BIOLOGY 2008 SYMPOSIUM	\$9,000
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI077591	LYMPHOCYTE-BOUND COMPLEMENT ACTIVATION PRODUCTS: CLUES TO SLE PATHOGENESIS	\$189,375
2008	PHARMABRIDGE INC	PA	R43AI077123	NOVEL HBV THERAPEUTIC WITH POTENTIAL FOR TREATMENT OF DRUG-RESISTANT INFECTION	\$240,146
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068942	CHARACTERIZATION OF NADH TYPE II OXIDOREDUCTASE FROM MYCOBACTERIUM TUBERCULOSIS	\$368,894

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2008	UNIVERSITY OF PITTSBURGH	PA	RC1AI081284	NOVEL CUTANEOUS RADIATION INJURY COUNTERMEASURES	\$1,000,000
2008	US DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE	PA	R13AI078722	EUROPEAN PHAGE BIOLOGY MEETING 2008	\$10,000
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI068784	A QUANTITATIVE PROTEOMIC STUDY OF MYD88 PATHWAYS	\$218,518
2008	UNIVERSITY OF PITTSBURGH	PA	F32AI077372	COMPLEXES OF HIV-1 NEF WITH SRC-FAMILY KINASES AS THERAPEUTIC TARGETS	\$49,646
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI071886	ENHANCING MUCOSAL CELLULAR IMM RESP BY CO-DELIVERY OF PLASMID IL-15 W/DNA VACCINE	\$613,406
2008	UNIVERSITY OF PENNSYLVANIA	PA	R00AI073682	LYMPHOCYTE EXIT FROM TISSUES: CONTROL AND SIGNIFICANCE TO HOST DEFENSE	\$249,000
2008	HEPATITIS B FOUNDATION	PA	R13AI078719	2008 INTERNATIONAL MEETING: THE MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES	\$15,000
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI039501	ACCESSING THE MHC CLASS I PROCESSING PATHWAY	\$262,600
2008	SWARTHMORE COLLEGE	PA	R15AI074041	CHARACTERIZATION OF RECEPTORS OF THE BACTERIAL SIGNALING MOLECULE AUTOINDUCER-2	\$198,381
2008	CHILDREN'S HOSPITAL OF PHILADELPHIA	PA	K01AI073729	PREDICTING ADVERSE OUTCOMES IN CHILDREN WITH COMMUNITY-ACQUIRED PNEUMONIA	\$126,792
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI063496	IMMUNE REGULATION BY GADD45B AND GADD45G	\$301,640
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI037859	FUNCTION OF CD8 T CELLS IN TUBERCULOSIS	\$324,298
2008	INSTITUTE FOR CANCER RESEARCH	PA	R01AI026522	STRUCTURE AND REPLICATION OF HEPATITIS DELTA VIRUS	\$632,726
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI065582	B CELL SUPERANTIGEN IMMUNE COMPLEX TISSUE INFLAMMATION	\$337,560
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI069534	PENN PREVENTION CLINICAL TRIALS UNIT	\$1,568,547
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI069289	AUTOIMMUNE ENCEPHALOMYELITIS AND BCL-2- INTERACTING MEDIATOR	\$375,067
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI060452	BISPHOSPHONATE INHIBITORS OF NRTI EXCISION	\$539,350
2008	THOMAS JEFFERSON UNIVERSITY	PA	R01AI041761	MACROMOLECULAR TRANSPORT IN ASEXUAL MALARIA PARASITES	\$289,421
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI069494	UNIVERSITY OF PITTSBURGH CLINICAL TRIALS UNIT	\$2,256,665
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI033063	HERPES SIMPLEX VIRUS FC RECEPTOR	\$294,304
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061699	Control of CD8+ Effector T Cell Differentiation	\$361,016
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI061570	Immuno-regulation of GI nematode infection	\$368,577

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2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI057838	REGULATION OF HUMAN T CELL ACTIVATION BY THE CD28 FAMILY	\$331,721
2008	UNIVERSITY OF PITTSBURGH	PA	F32AI072940	MECHANISMS OF IMMUNE REGULATION BY RAPAMYCIN-CONDITIONED DENDRITIC CELLS	\$51,278
2008	POLYMEDIX INC	PA	R44AI058407	THERAPEUTIC DEVELOPMENT OF ANTIMICROBIAL BIOMIMETICS	\$867,200
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI040600	Amplification of IL-4/Ralpha signaling pathways in human airways through 15 LO1	\$310,793
2008	UNIVERSITY OF PENNSYLVANIA	PA	P01AI043620	MOLECULAR AND CELLULAR REGULATION OF TOLERANCE	\$1,189,412
2008	UNIVERSITY OF PENNSYLVANIA	PA	R37AI018289	Studies of Herpes Simplex Virus Glycoproteins	\$362,581
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI049466	T Cell Memory in Organ Transplantation	\$334,030
2008	WISTAR INSTITUTE	PA	R21AI077098	MEMORY CD8 T CELL SUBSET COOPERATION VIA CHEMOKINES IN PROTECTIVE IMMUNITY TO INF	\$200,060
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI074951	The role of autophagy in innate anti-viral immunity in Drosophila	\$372,910
2008	UNIVERSITY OF PITTSBURGH	PA	U01AI051698	RHESUS MONKEY DENDRITIC CELLS FOR TRANSPLANT TOLERANCE	\$489,858
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007632	Training in HIV pathogenesis	\$437,580
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI073940	NOVEL BACTERIAL PATHOGENS IN PELVIC INFLAMMATORY DISEASE	\$528,519
2008	UNIVERSITY OF PITTSBURGH	PA	T32AI007333	TRAINING IN AIDS MOLECULAR EPI/MICROBIOLOGY & STDS	\$130,414
2008	INSTITUTE FOR CANCER RESEARCH	PA	R21AI077021	MOUSEPOX IN AGED MICE	\$209,689
2008	UNIVERSITY OF PENNSYLVANIA	PA	U01AI070369	THERAPEUTICS TARGETING CATHEPSIN-ACTIVATED VIRAL ENTRY	\$473,753
2008	UNIVERSITY OF PITTSBURGH	PA	R01AI060836	HERPES SIMPLEX VIRUS CAPSID ASSEMBLY AND DNA PACKAGING	\$318,271
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI072244	T. CRUZI IMMUNE EVASION FACTORS AND VACCINE DESIGN	\$176,627
2008	UNIVERSITY OF PENNSYLVANIA	PA	T32AI007532	Parasitology: Modern Approaches	\$264,299
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI068819	THYMOCYTE TUNING AFTER SELECTION: MECHANISMS TO AVOID AUTOREACTIVITY	\$386,269
2008	UNIVERSITY OF PENNSYLVANIA	PA	R01AI072106	THERMODYNAMIC AND STRUCTURAL STUDIES ON THE FORMATION OF THE C3 CONVERTASE	\$379,742
2008	UNIVERSITY OF PENNSYLVANIA	PA	R21AI069031	REGULATION OF NOTCH SIGNALING BY NKAP	\$40,515
2008	UNIVERSITY OF PITTSBURGH	PA	R21AI079288	IDENTIFICATION OF FACTORS THAT CONTROL MYCOBACTERIUM TUBERCULOSIS BIOFILM GROWTH	\$227,250
2008	THOMAS JEFFERSON UNIVERSITY	PA	R03AI064636	NEW ASSAY FOR MRBC-SPECIFIC AUTOANTIBODY RESPONSES	\$76,028

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF PUERTO RICO	PR	U01AI069415	UNIVERSITY OF PUERTO RICO CLINICAL TRIALS UNIT	\$2,320,253
2008	UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS	PR	SC1AI081658	SIGNALING INTERACTIONS IN CYTOKINESIS, CELL WALL BIOGENESIS, AND GROWTH IN FUNGI	\$262,500
2008	UNIVERSITY OF PUERTO RICO, RIO PIEDRAS CAMPUS	PR	SC2AI081661	BIOCHEMICAL CHARACTERIZATION OF THE REGULATORY T-CELL PROTEIN LAG-3.	\$112,500
2008	RHODE ISLAND HOSPITAL	RI	K23AI060363	RAPID HIV TESTING FOR EMERGENCY DEPARTMENT PATIENTS	\$136,296
2008	BCR DIAGNOSTICS	RI	R44AI073000	ENGINEERED SPORES AS FLUOROGENIC BIOLOGICAL INDICATORS FOR STERILITY TESTING	\$431,079
2008	EPIVAX, INC	RI	R21AI078800	OPTIMIZATION OF HIV VACCINE SUBUNIT DELIVERY	\$179,000
2008	RHODE ISLAND HOSPITAL	RI	K02AI077708	MECHANISMS MEDIATING ADVERSE BIRTH OUTCOMES IN THE CONTEXT OF S. JAPONICUM INFECT	\$104,490
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI075924	2008 SPIROCHETES GORDON RESEARCH CONFERENCE	\$15,000
2008	RHODE ISLAND HOSPITAL	RI	U01AI066050	S.JAPONICUM AND PREGNANCY OUTCOMES: AN RCT	\$941,861
2008	BROWN UNIVERSITY	RI	R01AI058181	FUNCTIONS OF THE KLRG1 MOLECULE ON NK CELLS AND T CELLS	\$283,522
2008	MIRIAM HOSPITAL (THE)	RI	P30AI042853	Lifespan/Tufts/brown Center for AIDS Research (CFAR)	\$1,529,527
2008	BROWN UNIVERSITY	RI	F31AI075607	IDENTIFICATION OF A CRYPTIC MEIOSIS IN THE FUNGAL PATHOGEN C. ALBICANS	\$26,804
2008	MIRIAM HOSPITAL (THE)	RI	K24AI066884	ANTIVIRAL THERAPY AND HIV IN THE GENITAL TRACT OF WOMEN	\$150,393
2008	WOMEN & INFANTS HOSPITAL OF RHODE ISLAND	RI	K08AI064919	ANTIBODY IN DEFENSE AGAINST NEONATAL CANDIDA INFECTIONS	\$102,600
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI078543	BIOLOGY OF HOST-PARASITE INTERACTIONS 2008 GORDON RESEARCH CONFERENCE	\$12,000
2008	BROWN UNIVERSITY	RI	R03AI078156	ANALYZING THE EFFECTIVENESS OF A NON-VERBAL RESPONSE CARD: EVIDENCE FROM ETHIOPIA	\$79,500
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13HL091539	2008 NOX FAMILY NADPH OXIDASES GORDON CONFERENCE	\$15,000
2008	RHODE ISLAND HOSPITAL	RI	U19AI070202	SIRNA MICROBICIDES	\$923,680
2008	BROWN UNIVERSITY	RI	F31AI075614	UNDERSTANDING THE ROLE OF IL-10 IN ACUTE MURINE CYTOMEGALOVIRUS INFECTION	\$26,366
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI078547	2008 BACTERIAL CELL SURFACES GORDON RESEARCH CONFERENCE	\$12,000

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2008	RHODE ISLAND HOSPITAL	RI	R01AI058697	OVERCOMING HIV-1 RESISTANCE TO RNA INTERFERENCE	\$347,418
2008	MIRIAM HOSPITAL (THE)	RI	K23AI071760	CONCURRENT HAART AND TUBERCULOSIS TREATMENT: DRUG TO DRUG INTERACTIONS	\$126,954
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI079817	IMMUNOCHEMISTRY & IMMUNOBIOLOGY 2008 GORDON RESEARCH CONFERENCE	\$10,000
2008	RHODE ISLAND HOSPITAL	RI	R21AI079582	NEUTROPHIL MECHANOSENSING	\$240,088
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI078529	CELLULAR & MOLECULAR FUNGAL BIOLOGY 2008 GORDON RESEARCH CONFERENCE	\$10,000
2008	BROWN UNIVERSITY	RI	R01AI046709	NK T Cell Interactions with NK cells during Viral Infection	\$343,882
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI078535	2008 MICROBIAL TOXINS AND PATHOGENICITY AND GRADUATE RESEARCH SEMINAR	\$25,000
2008	ROGER WILLIAMS HOSPITAL	RI	R21AI076145	POTENT DESIGNER T CELLS FOR HIV/AIDS IMMUNOTHERAPY	\$209,689
2008	GORDON RESEARCH CONFERENCES, GORDON RESEARCH CENTER	RI	R13AI079893	2008 CHEMOTACTIC CYTOKINES GORDON RESEARCH CONFERENCE	\$3,000
2008	RHODE ISLAND HOSPITAL	RI	R01AI076353	Targeted Vaccine Development for Pediatric Falciparum Malaria	\$545,102
2008	BROWN UNIVERSITY	RI	R56AI055677	TYPE 1 IFN FUNCTION AND SIGNALING IN IMMUNITY TO VIRUSES	\$397,500
2008	CLEMSON UNIVERSITY	SC	R01AI046414	ROLE OF LIPID RAFTS AND PHOSPHOINOSITIDES IN E. HISTOLYTICA VIRULENCE	\$217,782
2008	SOUTH CAROLINA RESEARCH FOUNDATION	SC	R01AI058300	CYTOTOXIC LYMPHOCYTES IN ACUTE LUNG INJURY	\$297,188
2008	GENPHAR INC	SC	U01AI070382	PRECLINICAL EVALUATION OF A TRIVALENT MARBURG VACCINE	\$1,087,854
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI071142	Role of phagocytosis in pathogenesis of Cryptococcus neoformans	\$328,500
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI079800	ALTERED SOMATIC MUTATION IN IGAD/CVID; ASSOCIATION WITH DEFICIENCY OF MSH4/5	\$221,250
2008	GENPHAR INC	SC	R43AI078652	DEVELOPMENT OF A SAFE AND EFFECTIVE CHIKUNGUNYA VIRUS VACCINE	\$218,621
2008	CLEMSON UNIVERSITY	SC	R15AI075326	Nutrient Sensing and Hexokinases in T. brucei	\$213,224
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI056168	Sphingolipid-mediated fungal pathogenesis	\$237,657
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI080421	ROLE OF P38 MAPK IN HSC SELF-RENEWAL AND RADIATION-INDUCED BONE MARROW INJURY	\$368,750
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R21AI078493	NEW METHODS FOR THE EARLY DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS	\$184,375
2008	MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	R01AI019881	MECHANISM OF REPLICATION OF DRUG RESISTANCE FACTORS	\$466,415

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2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R15AI076871	PATHOGENESIS OF EAST1 TOXIN IN ETEC ASSOCIATED DIARRHEA DISEASE	\$216,750
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R13AI078728	SYMPOSIUM ON THE LANDSCAPE ECOLOGY OF INFECTIOUS DISEASE	\$5,000
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R03AI068766	DEVELOPMENT OF AN ADDITIVE MODEL TO STUDY THE SIGNIFICANCE OF HEAT-LABILE AND HEA	\$70,877
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R01AI079411	An Integrated System for the Epidemiological Application of Earth Observation Tec	\$284,550
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI071788	MECHANISM OF ACTION OF THE HIV-1 MATURATION INHIBITOR PA-457	\$242,707
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	K02AI076125	MECHANISM OF ACTION OF AN HIV-1 MATURATION INHIBITOR	\$98,118
2008	SOUTH DAKOTA STATE UNIVERSITY	SD	R21AI078177	A NOVEL ASSAY FOR INHIBITORS OF INFLUENZA A VIRUS POLYMERASE COMPLEX ASSEMBLY	\$175,240
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R03AI077478	CARCINOGENICITY TESTING OF NOVEL PHENANTHRENE DIKETOACID ANTI-HIV AGENTS	\$73,000
2008	UNIVERSITY OF TENNESSEE	TN	R01AI071042	VIRAL CHEMOKINE ALTERATION OF NEUTROPHIL FUNCTIONS	\$285,887
2008	UNIVERSITY OF TENNESSEE	TN	R01AI063365	T regulatory Cells in HSV Immunity and Immunopathology	\$341,670
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI074582	AMINO ACID PROTOTROPHY AS A POSITIVE SELECTIVE MARKER IN FRANCISELLA	\$214,839
2008	UNIVERSITY OF TENNESSEE	TN	R21AI072551	DEVELOPMENT AND EVALUATION OF SUBUNIT VACCINE CMEC AGAINST CAMPYLOBACTER JEJUNI	\$163,140
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K01AI070808	ETIOLOGY AND SEVERITY OF INFANT BRONCHIOLITIS AND DEVELOPMENT OF CHILDHOOD ASTHMA	\$124,168
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI072453	DIRECTED EVOLUTION OF INHIBITORS OF ANTHRAX TOXIN	\$301,167
2008	UNIVERSITY OF TENNESSEE	TN	R21AI080534	TREATMENT WITH KZ-41 AND OTP PROMOTES WOUND HEALING IN A RADIATION COMBINED INJUR	\$168,560
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI079123	INHIBITION OF CLOSTRIDIUM PERFRINGENS EPSILON TOXIN	\$374,551
2008	UNIVERSITY OF TENNESSEE	TN	R01AI080405	ANALYSIS OF RADIOMITIGATIVE CELL SIGNALING	\$371,393
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI073134	MEASURING INCIDENT HUMAN IMMUNODEFICIENCY VIRUS (HIV-1) INFECTIONS IN CHINA	\$61,803

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2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI069233	Mechanism and function of heme-iron utilization in staphylococcal pathogenesis	\$328,987
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R03AI070942	VIBRIO CHOLERAЕ AS A BIOTERROR AGENT: NEW MEANS OF TREATING A POTENTIAL PANDEMIC	\$71,613
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI066349	SYNERGISM BETWEEN INFLUENZA VIRUS AND PNEUMOCOCCUS	\$348,812
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI061260	VSV AS A VECTOR FOR CYTOKINE-ASSISTED TULAREMIA VACCINES	\$582,057
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069439	VANDERBILT HIV CLINICAL TRIALS UNIT	\$1,989,708
2008	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI013446	VIRULENCE FACTORS OF CHLAMYDIAE	\$416,973
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI069923	Caribbean, Central and South America Network for HIV Epidemiology (CCASAnet)	\$819,005
2008	VANDERBILT UNIVERSITY	TN	T32AI007474	Vanderbilt Infection Pathogenesis and Epidemiology Research Training Program	\$269,835
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076938	LIPIDS OF MYCOBACTERIA	\$183,958
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074830	A LONGITUDINAL STUDY OF CA-MRSA NASAL COLONIZATION IN COLLEGE SPORTS PARTICIPANTS	\$125,091
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI039480	MECHANISM AND FUNCTION OF THE REGULATORY PROTEIN LAG-3	\$370,266
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	P01AI054955	PRECLINICAL-CLINICAL PARAMYXOVIRUS VACCINE DEVELOPMENT	\$796,989
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI076171	THE ROLES OD ELONGATION FACTOR 1 AND MATRIX IN HIV-1 CORE DISASSEMBLY	\$39,197
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U19AI066316	RACIAL DIFFERENCE IN HEPATITIS C VIRUS-HOST INTERACTIONS AND RESPONSE	\$609,842
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI039657	Structure and function of Helicobacter pylori VacA	\$346,156
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R56AI072239	CONTROL OF CD4+ T CELL ISLET ENTRY AND DIABETOGENICITY	\$418,130
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070672	THE ROLE OF IL-17 IN RSV-INDUCED MUCUS AND AIRWAY RESPONSIVENESS	\$372,969
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI067628	TRANSCRIPTIONAL REGULATION IN HELICOBACTER PYLORI DURING INFECTION	\$188,229
2008	ATOM SCIENCES, INC	TN	R43AI074103	ULTRA-SENSITIVE MOLECULAR DIAGNOSTIC FOR BORRELIA SPECIES	\$73,327
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI075776	CHARACTERIZATION OF THE REOVIRUS SIGMA 1S PROTIEIN.	\$49,646
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R03AI068069	EPIDEMIOLOGY AND CLINICAL FEATURES OF HUMAN CORONAVIRUS	\$75,292

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2008	EAST TENNESSEE STATE UNIVERSITY	TN	R15AI077449	DEVELOPMENT OF A MOUSE MODEL FOR MICROSPORIDIA SPORE ADHERENCE AND INFECTION	\$204,980
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI026603	Polymerase Proteins in Coronavirus Replication	\$285,561
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI063200	FLUOROQUINOLONE RESISTANCE IN M. TUBERCULOSIS	\$365,542
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI065298	Mentoring in HIV and Tuberculosis Research	\$167,664
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068149	INTERLEUKIN 4 REGULATION OF LYMPHOCYTES	\$365,542
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070251	PROTECTIVE CELL-MEDIATED IMMUNITY AGAINST LETHAL H5N1 INFLUENZA A VIRUSES	\$399,476
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R37AI038296	Molecular Basis of Reovirus Pathogenesis	\$328,987
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI080108	ROLE OF BETA1 INTEGRIN IN MAMMALIAN REOVIRUS INFECTION.	\$46,826
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R21AI076835	THE NLR-INFLAMMASOME AS MEDIATOR OF ALUM'S ADJUVANTICITY	\$179,033
2008	MEHARRY MEDICAL COLLEGE	TN	SC1AI081655	MECHANISMS OF BIOGENESIS OF ATYPICAL ALPHAVIRUSES	\$359,880
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI077505	Pharmacogenomics of HIV Therapy	\$836,107
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K23AI074863	ADULT FLU HOSPITALIZATIONS: EVALUATING DIAGNOSTIC METHODS & VACCINE EFFECTIVENESS	\$125,496
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R13AI078588	17TH LANCEFIELD INTERNATIONAL SYMPOSIUM ON STREPTOCOCCI AND STREPTOCOCCAL DISEASE	\$14,000
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI051448	Selection and Regulation of B Lymphocytes in IDDM	\$383,750
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI069529	ST. JUDE/MEMPHIS IMPAACT CLINICAL TRIALS UNIT (COMPOSITE)	\$977,266
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI060729	STAGE-SPECIFIC SIGNALING IN PERIPHERAL B CELL SELECTION	\$365,542
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI061223	METABOLIC DISCRIMINATION OF UNKNOWN BACTERIAL PATHOGENS	\$1,047,698
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI060571	HIV/AIDS RESEARCH TRAINING PROGRAM	\$226,883
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	P30AI054999	Vanderbilt Meharry Center for AIDS Research	\$1,489,754
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	U01AI060592	VACCINE PREVENTION OF RHEUMATIC FEVER	\$470,623

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2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI073697	CELL ENTRY OF HUMAN METAPNEUMOVIRUS	\$230,250
2008	ARTHROCHIP COMPANY	TN	R42AI053984	GENE EXPRESSION AND DIAGNOSIS OF AUTOIMMUNE DISEASE	\$883,821
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI070693	TRANSCRIPTIONAL CONTROL OF CHLAMYDIAL DEVELOPMENT	\$365,000
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI075259	STRUCTURAL MECHANISMS OF BOTULINUM NEUROTOXIN PATHOGENESIS	\$307,000
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI040646	LC3-Associated Phagocytosis	\$374,063
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI059108	THE STRUCTURE AND FUNCTION OF THE CRTH2 PDG2 RECEPTOR	\$351,137
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI070721	Novel Inhibitors to DHPS to Probe Catalytic Mechanism & Therapeutic Potential - r	\$598,667
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI053137	INDUCTION OF IMMUNOLOGICAL PARALYSIS BY CPG DNA	\$271,608
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI070373	THERAPEUTIC MONOCLONAL ANTIBODIES TO H5N1 INFLUENZA	\$1,301,015
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K12HD043483	Building Interdisciplinary Research Careers in Womens Health	\$478,882
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	T32AI007611	CELLULAR AND MOLECULAR MICROBIOLOGY TRAINING PROGRAM	\$177,063
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	F32AI072816	PAIRING OF EBI-3 AND IL12 P35 TO YIELD A NOVEL REGULATORY T CELL CYTOKINE	\$46,826
2008	MEHARRY MEDICAL COLLEGE	TN	R21AI076757	SRP RNA LEVEL AS A DETERMINANT OF LEISHMANIAL PARASITISM OF MACROPHAGES	\$208,125
2008	VANDERBILT UNIVERSITY	TN	F32AI074278	CALPROTECTIN MEDIATED INHIBITION OF STAPHYLOCOCCUS AUREUS GROWTH	\$46,826
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI076121	Mechanism and Regulation of HIV-1 Uncoating	\$383,750
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$128,837
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	U01AI078407	CLONAL ANALYSIS OF THE HUMAN B CELL RESPONSE TO HIV	\$619,313
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI059597	ALPHAVIRUS-BASED VACCINE FOR PREVENTION OF MPV INFECTION	\$383,336
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI027913	Bioactivities of Pneumococcal Cell Wall in Meningitis	\$348,812
2008	UNIVERSITY OF TENNESSEE	TN	R01AI060818	STRUCTURE-FUNCTION STUDIES OF ENDOTOXIN RECEPTOR CD14	\$269,748
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI042929	CRYO-EM STRUCTURAL STUDIES OF ADENOVIRUS CELL ENTRY	\$448,154
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R37AI010085	CHEMISTRY AND IMMUNOLOGY OF STREPTOCOCCAL M PROTEINS	\$399,442

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2008	EAST TENNESSEE STATE UNIVERSITY	TN	R01AI040915	CHLAMYDIA TRACHOMATIS ENVELOPE COMPONENTS AND VIRULENCE	\$339,510
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	F32AI071487	MECHANISMS OF HEME UTILIZATION BY STAPHYLOCOCCUS AUREUS	\$50,428
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI061721	MOLECULAR BASIS OF INKT CELL ONTOGENY AND FUNCTION	\$365,542
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI050080	MECHANISMS OF REOVIRUS-INDUCED APOPTOSIS	\$338,813
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	U01AI075517	DEVELOPMENT OF ANTIMALARIAL PRECLINICAL CANDIDATES	\$1,044,090
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R21AI073137	IDENTIFICATION OF CYCLOPHILIN A-DEPENDENT HIV-1 RESTRICTION FACTORS	\$188,229
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI070305	MECHANISMS AND CONSEQUENCES OF INKT CELL ANERGY	\$376,459
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI044924	IFN-Gamma Gene Regulation in T Cells and NK Cells	\$280,910
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	K24AI077930	Midcareer Investigator Patient-oriented Research Award in Bronchiolitis & Asthma	\$159,081
2008	MICROBIAL NOVOTEQS INC	TN	R01AI069201	YEAST-BASED HIGH-THROUGHPUT ASSAYS FOR PROTEASES OF CATEGORY A, B, & C VIRUSES	\$404,663
2008	UNIVERSITY OF TENNESSEE	TN	R01AI014367	CORONAVIRUS RNA REPLICATION	\$355,750
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI056153	TREATMENT OF AUTOIMMUNITY WITH REGULATORY T LYMPHOCYTES	\$348,812
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI047891	Activation and Function of Caspase-2	\$310,675
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI044828	Survival Function of the Fadd-Caspase-8-Flip Complex	\$349,511
2008	UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES	TN	R01AI019782	Immunity and Latency to Chlamydial Infections	\$344,697
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI065744	ROLE OF MYCOBACTERIA IN SARCOIDOSIS IMMUNOPATHOGENESIS	\$364,456
2008	ST JUDE CHILDREN'S RESEARCH HOSPITAL	TN	R01AI062921	ROLE OF MACROPHAGE ARGINASE IN ANTI-BACTERIAL IMMUNITY	\$244,169
2008	VANDERBILT UNIVERSITY HOSPITAL, CHILDREN'S REHAB UNIT	TN	R01AI068009	ANALYSIS OF THE H. PYLORI CAG PATHOGENICITY ISLAND	\$383,750
2008	UNIVERSITY OF TENNESSEE	TN	R03AI071863	ROLE OF THE OPI1 GENE IN CONTROLLING VIABILITY OF CANDIDA GLABRATA	\$67,607
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI070207	The Molecular Basis of VEEV Pathogenesis	\$339,750
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R03AI072538	TESTING DNA VACCINE AGAINST T. CRUZI IN LARGE ANIMAL MODEL (DOGS)	\$75,500
2008	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI071161	LIGAND FOR NATURAL CYTOTOXICITY RECEPTOR NKP44	\$70,632

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069142	IMMUNE MECHANISMS OF HCV PERSISTENCE AND PATHOGENESIS	\$333,295
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064913	COMPUTATIONAL TOOLS FOR T- AND B-CELL EPITOPE PREDICTION	\$280,910
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	P01AI039824	GENETIC DISSECTION OF SLE PATHOGENESIS	\$1,522,411
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI065796	STUDIES OF GERMINAL CENTER B CELL SURVIVAL	\$348,812
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053067	Quorum sensing regulation of EHEC virulence genes	\$451,461
2008	UNIV OF TX ALLERGY & INFECTIOUS DISEASES TRNG GRANT CMT	TX	R01AI069253	THE ROLE OF ACTIVATED NK CELLS IN A MOUSE MODEL OF LUPUS ERYTHEMATOSUS	\$373,877
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065539	Flagellar Motor Biogenesis in Polarly-Flagellated Bacterial Pathogens	\$336,489
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056222	Type I Interferon-Regulated T Helper Development	\$290,211
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI063513	RECEPTOR TRAFFICKING IN ENTRY OF MURINE LEUKEMIA VIRUSES	\$251,711
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R37AI016935	IRON TRANSPORT IN SHIGELLA AND PATHOGENIC E.COLI	\$371,500
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI045374	REGULATION OF CYCLIN T1 PROTEIN EXPRESSION- MACROPHAGES	\$313,932
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069152	ROLE OF CHEMOKINE MONOMER-DIMER EQUILIBRIUM IN INNATE IMMUNITY AND INFLAMMATION	\$323,629
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI048593	X-RAY STUDIES ON BACTERIAL MDR REGULATORS	\$316,025
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057504	REGULATORY MECHANISMS OF HBV X GENE TRANSCRIPTION	\$316,025
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067947	VIRAL DETERMINANTS OF HANTAVIRUS PULMONARY DISEASE IN THE HAMSTER	\$329,932
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI031431	EHRlichia CHAFFEENSIS PROTECTIVE PROTEINS	\$383,732
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K23AI065630	MOLECULAR BASIS OF INTERFERON RESPONSE IN HCV	\$124,200
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI070910	REGULATION OF MEMORY CD8 T CELL HOMEOSTASIS BY IL-15RA+	\$357,207
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI039167	STRUCTURE-FUNCTION STUDIES OF HUMAN FCRN	\$362,764
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI075068	THE MOLECULAR MECHANISMS OF BACTERIAL OUTER MEMBRANE VESICLE FORMATION	\$361,008
2008	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007471	RESEARCH TRAINING PROGRAM IN MOLECULAR VIROLOGY	\$244,076

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2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI070412	Role of unique ADP-ribosylating vacuolating Mycoplasma pneumoniae toxin i	\$1,595,590
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI074497	TARGETING THE NS1 PROTEIN FOR THE DEVELOPMENT OF INFLUENZA VIRUS ANTIVIRALS	\$951,603
2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R56AI073966	REGULATION OF MYCOBACTERIUM TUBERCULOSIS PROLIFERATION	\$351,770
2008	BAYLOR COLLEGE OF MEDICINE	TX	R21AI064598	MECHANISMS OF CONTINUED TOLERANCE BREAKDOWN IN AUTOIMMUNITY	\$188,229
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI064487	F. TULARENSIS VIRULENCE PROTEIN STRUCTURE AND FUNCTION	\$210,977
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069145	MECHANISMS OF SYLVATIC DENGUE EMERGENCE	\$654,466
2008	BAYLOR COLLEGE OF MEDICINE	TX	T32AI055413	Research Training in Infection and Immunity	\$131,988
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R21AI079674	DECISIONS TO TAKE PART IN RESEARCH: UNDERSERVED MINORITIES, HIV AND DRUG USE	\$262,500
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI076809	BACTERIOLYTIC PHAGE ENZYMES AS NOVEL ANTIBACTERIALS AGAINST YERSINIA PESTIS	\$203,125
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI069062	ANTI VIRAL FUNCTION OF INTERFERON ALPHA INDUCED HUMAN BETA DEFENSIN 3	\$179,033
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R21AI064444	ARCHAEAL GENE RECRUITMENT BY THE CHLAMYDIALES	\$182,084
2008	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R03AI062930	MYCOPLASMA PNEUMONIAE ACTIVATION OF AIRWAY EPITHELIUM	\$70,632
2008	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007456	TRAINING PROGRAM FOR CLINICAL RESEARCH ON AIDS	\$259,602
2008	RICE UNIVERSITY	TX	R25AI062762	MEDMYST III: INFECTIOUS DISEASES MATERIALS FOR MIDDLE SCHOOL STUDENTS	\$215,297
2008	BAYLOR COLLEGE OF MEDICINE	TX	U19AI070973	INNATE IMMUNITY IN ALLERGIC AIRWAY INFLAMMATION OF ASTHMA	\$1,352,192
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI055554	CXCL16/CXCR6 AND THEIR ROLES IN AUTOIMMUNE ARTHRITIS	\$363,927
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI057768	IDENTIFICATION OF T CELL ANTIGEN FOR Q FEVER VACCINATION	\$339,862
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045896	LPS EFFLUX FROM HOST CELLS TO PLASMA LIPOPROTEINS	\$290,211
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R37AI047923	ALTERNATIVE APPROACHES FOR E FAECALIS INFECTIONS	\$410,780
2008	BAYLOR COLLEGE OF MEDICINE	TX	U01AI069441	BAYLOR COLLEGE OF MEDICINE CLINICAL TRIAL UNIT	\$954,755
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI063063	REGULATION OF CELLULAR RESPONSE TO TNF	\$279,050

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2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI059703	EFFECT OF AGING ON IMMUNITY TO TULAREMIA	\$329,046
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI047725	REPLICATIVE FITNESS OF SIV VARIANTS	\$512,273
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U54AI057156	WESTERN REGIONAL CENTER OF EXCELLENCE FOR BIODEFENSE AND EMERGING INFECTIOUS DISE	\$10,678,610
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI058086	HOST SPIROCHETE INTERACTIONS IN LYME DISEASE	\$346,491
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI067847	WEST NILE VIRUS: EPIDEMIOLOGY AND MOSQUITO COMPETENCE	\$359,588
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI020624	Analysis of Staphylococcus Aureus Host Interactions	\$555,082
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI049574	GBV-B: A SMALL PRIMATE MODEL FOR HEPATITIS C INFECTION	\$311,605
2008	BAYLOR COLLEGE OF MEDICINE	TX	R37AI032956	BETA LACTAMASE MUTATIONS IN ANTIBIOTIC RESISTANCE	\$357,207
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R37AI046326	Host Genetic Determinants of HIV Pathogenesis	\$817,656
2008	BAYLOR RESEARCH INSTITUTE	TX	R01AI068842	ALTERED CD8+ T CELL COMPARTMENT IN SLE PATIENTS	\$363,160
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI075145	COPY NUMBER VARIATION IN MALARIA PARASITES	\$403,334
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI060424	A NOVEL MAPK FAMILY IN T. GONDII	\$271,608
2008	LYNNTECH, INC	TX	R43AI077137	RAPID AND ENCLOSED SYSTEM FOR THE IDENTIFICATION OF MULTI-DRUG RESISTANT TB	\$145,242
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI025011	Complement Anaphylatoxin Receptors in Inflammation and Immunity	\$347,629
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI021242	SPOTTED FEVER RICKETTSIAL ANTIGENS	\$351,137
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI079497	PK-PD OF COMBINATION ANTITUBERCULOSIS THERAPY FOR SUPPRESSION OF DRUG-RESISTANCE	\$652,875
2008	BAYLOR COLLEGE OF MEDICINE	TX	F31AI071372	GENE VARIATION AND RESPONSIVENESS TO INFLUENZA VACCINES	\$33,963
2008	NANORELEASE TECHNOLOGIES LLC	TX	R41AI068252	ENCAPSULATED VACCINES AGAINST SELECT AGENTS	\$99,957
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI079371	MOLECULAR PATHWAYS INVOLVED IN TLR11 MEDIATED IL-12 PRODUCTION BY DENDRITIC CELLS	\$314,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI073146	Vaginal/Rectal HIV Transmission Model	\$570,370
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI072201	INFLAMMATORY RESPONSE AND SARS PATHOGENESIS: AN IN VITRO MODEL	\$222,197

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2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI054912	IMMUNE TOLERANCE MEDIATED BY NEGATIVE COSTIMULATORY MOLECULES	\$377,685
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI074668	Enteric virus-microbiota interactions	\$314,000
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI073335	RNA-DEPENDENT RNA SYNTHESIS BY THE HEPATITIS C VIRUS	\$287,713
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071192	VEE VIRUS INFECTION ON THE MOSQUITO VECTOR	\$339,750
2008	BAYLOR COLLEGE OF MEDICINE	TX	T32AI007495	MOLECULAR AND CELLULAR MECHANISMS OF HOST DEFENSE	\$209,524
2008	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R01AI049534	CHRACTERISTICS OF AN M. TUBERCULOSIS DERIVED VACCINE	\$354,475
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI032011	Haemophilus ducreyi Inhibits Phagocytosis	\$373,877
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI043486	SIGMA 54 AND VIBRIO CHOLERAE PATHOGENESIS	\$164,522
2008	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI048496	IMPROVED BRUCELLA VACCINE STRAINS	\$346,491
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI071145	PROTECTIVE GLYCOPEPTIDE IMMUNODETERMINANTS OF EHRlichia CHAFFEENSIS	\$384,588
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI069371	DEFINING GENETIC PATHWAYS TO SEVERE SYSTEMIC AUTOIMMUNITY	\$578,419
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI057696	ADHESION MOLECULES IN ALLERGIC LUNG INFLAMMATION	\$324,189
2008	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI068135	STRUCTURAL GENOMICS OF PERSISTENCE TARGETS FROM M. TUBERCULOSIS	\$2,591,314
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI054830	COMBATting QUINOLONE ANTIMICROBIAL RESISTANCE	\$314,978
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067861	IMPORTANCE OF ADHESIN-LIKE PROTEINS OF ENTEROCOCCUS FAECIUM	\$353,635
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053680	TARGETING MALARIAL DIHYDROOROTATE DEHYDROGENASE	\$405,500
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI059379	ALTERATION OF HUMAN DENDRITIC CELL SUBSETS BY RSV	\$118,800
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R37AI045196	GENETIC PATHWAYS CONTRIBUTING TO SLE PATHOGENESIS	\$446,593
2008	BAYLOR COLLEGE OF MEDICINE	TX	P01AI057788	Molecular Dissection of Norovirus Replication and Pathogenesis to Develop Therapeutics	\$1,369,228
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI068622	SPECIES-SPECIFIC IFN-A/B-DEPENDENT TH1 DEVELOPMENT	\$29,163
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI059048	Virulence Determinants of Borrelia burgdorferi	\$476,332
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI075509	SMALL MOLECULE INHIBITORS OF RICIN AND SHIGA TOXINS	\$616,824

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2008	BAYLOR COLLEGE OF MEDICINE	TX	P30AI036211	Baylor-UT Houston Center for AIDS Research	\$1,791,580
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI074809	RECEPTORS OF PLASMACYTOID DENDRITIC CELLS AND THEIR LIGANDS	\$377,685
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069270	EHRlichia GLYCOPROTEIN MODULATION OF MACROPHAGE GENE EXPRESSION	\$185,164
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI070591	THE ROLE OF CDC42 AND RAC IN NK CELL ACTIVATION	\$192,521
2008	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI076747	EXPLORING THE MECHANISMS OF 53BP1-DRIVEN IMMUNE DEFICIENCY AND DNA REPAIR	\$223,685
2008	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI070655	MOLECULAR COMPOSITION AND FUNCTION OF TRYPANOSOMA CRUZI SHED VESICLES	\$308,544
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076849	CHARACTERIZATION OF CCR5-LIKE MOLECULES IN LEISHMANIA	\$188,750
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI077536	TRANSCRIPTIONAL REGULATION OF DEVELOPMENT AND MAINTENANCE OF MEMORY T LYMPHOCYTES	\$383,750
2008	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI071134	UNDERSTANDING IMMUNOMODULATION BY CANDIDA ALBICANS	\$184,550
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T35AI078878	Infectious Diseases and Inflammatory Disorders Training Program	\$23,568
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R56AI050761	SIGNAL TRANSDUCTION AND CYTOKINE GENE REGULATION BY GRAIL	\$385,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R56AI071229	CD3 E FUNCTIONS IN T CELLS	\$392,500
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078008	NOVEL MOLECULAR RECOGNITION REAGENTS FOR DETECTION OF PATHOGENIC BURKHOLDERIA	\$636,535
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI072446	IDENTIFICATION AND ANALYSIS OF HOST FACTORS THAT SUPPORT BRUCELLA INFECTION	\$214,104
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI067020	NUCLEOPHILIC ANTIBODIES: CHARACTERIZATION AND INDUCTION	\$437,589
2008	UNIVERSITY OF HOUSTON DOWNTOWN	TX	R01AI068943	STRUCTURAL STUDIES ON BACTERIAL TWO-PARTNER SECRETION SYSTEMS	\$328,880
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI076322	The Outer Surface of Vibrio Cholerae	\$87,462
2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI073612	THE ROLE OF REGULATORY T CELLS IN M. TUBERCULOSIS INFECTION	\$196,875
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI015495	DIETARY DEFICIENCIES AND TUBERCULOSIS VACCINE EFFICACY	\$270,678
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI050237	Translation Regulation by Enterovirus Proteinase	\$125,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI018188	INTERACTIONS OF ENDOTOXIN WITH PLASMA AND CELLS	\$447,864
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI011772	Replication of influenza virus	\$642,396

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2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI064389	Identification of new antigens for a plague vaccine	\$351,137
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI065697	TB VACCINE DEVELOPMENT IN NONHUMAN PRIMATE MODEL	\$790,437
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI073641	DE NOVO INDUCTION OF FOXP3+ REGULATORY T CELLS IN TUMOR MICROENVIRONMENT	\$188,843
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	F31AI061836	EXPRESSION OF MTB AND HOST GENES IN EARLY TUBERCULOSIS	\$30,522
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI050123	DENGUE VIRUS DETERMINANTS OF VIRULENCE AND TRANSMISSION	\$407,216
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI062885	Signaling in Airway Inflammation	\$1,238,099
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI034530	PATHOGENIC MECHANISMS OF SHIGA TOXINS	\$277,192
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI064639	Regulation of T-cell function and autoimmune inflammation by deubiquitinase CYLD	\$366,733
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	U01AI075419	BROAD-SPECTRUM RNAI THERAPEUTICS FOR FLAVIVIRAL ENCEPHALITIS	\$1,015,898
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	U01AI078045	Evaluation of Protective Immunity After Mucosal Vaccination Against Ebola Virus	\$380,426
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI077853	AI-3 INHIBITORS AS TREATMENT FOR BACTERIAL INFECTIONS	\$1,389,957
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI062888	DC-MEDIATED HOMEOSTATIC PROLIF. OF CD4 T CELLS BY TSLP	\$280,910
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI065463	AUTOREACTIVE CD8+ T CELLS IN MULTIPLE SCLEROSIS	\$372,958
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R21AI073587	CYTOKINE REGULATION OF DENDRITIC CELL DEVELOPMENT	\$183,938
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R21AI072263	RECOGNITION AND SIGNALING VIA TLR13	\$249,787
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	K08AI076365	GENE EXPRESSION BY MORAXELLA CATARRHALIS IN VIVO	\$108,000
2008	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI077413	MAPPING NOVEL SUBDOMINANT B*5701 EPITOPES IN CONSERVED REGIONS OF THE HIV PROTEOM	\$571,341
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI068774	FRANCISCELLA TULARENSIS: CHARACTERIZING LUNG INNATE IMMUNITY	\$222,197
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI078108	MOLECULAR MECHANISM BY WHICH GAMMA-HERPESVIRUSES EVADE AUTOPHAGY	\$235,500
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI079217	Poxvirus Immune Evasion Mechanisms	\$333,000
2008	BAYLOR COLLEGE OF MEDICINE	TX	R21AI078307	TRANSFORMING POTENTIAL OF EMERGING HUMAN RETROVIRUSES	\$223,295
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI073394	HEAT STABLE FILOVIRAL DIAGNOSTICS	\$256,500

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2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI033331	NEF FUNCTION	\$462,928
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI057450	CHLAMYDIAL MANIPULATION OF HOST APOPTOSIS	\$312,913
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI043003	PATHOGENIC MECHANISMS OF CUTANEOUS LEISHMANIASIS	\$245,797
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI059718	IPC DEVELOPMENTAL PATHWAYS AND REGULATION	\$351,137
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI042815	PROTECTION OF GENITAL MUCOSA AND GANGLIA AGAINST HSV-2	\$245,796
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI033537	Virulence gene expression by Bacillus anthracis	\$239,055
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI056404	BIOCHEMICAL CHARACTERIZATION OF YERSINIA EFFECTOR YOPJ	\$353,250
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI048071	MAPPING DRUG RESISTANCE GENES IN PLASMODIUM FALCIPARUM	\$461,133
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI061624	NOS2 AND ARGINASE IN VISCERAL LEISHMANIASIS	\$289,514
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI058865	GP120 COVALENT ANALOGS AS CANDIDATE HIV VACCINES	\$319,526
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R01AI064512	PHAGES OF BURKHOLDERIA CEPACIA: BIOLOGY AND THERAPEUTICS	\$316,837
2008	BAYLOR COLLEGE OF MEDICINE	TX	K08AI064564	ANALYSIS OF GROUP A STREPTOCOCCUS-SALIVA INTERACTION	\$126,598
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI075091	Extracellular pH modulation by Candida albicans in vitro and in vivo	\$361,821
2008	UNIVERSITY OF TEXAS, EL PASO	TX	R01AI064069	OPTIMIZING GAG CTL EPITOPES TO IMPROVE IMMUNOGENICITY	\$539,415
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI037277	Virulence-associated Proteins in Lyme Disease	\$345,323
2008	BAYLOR COLLEGE OF MEDICINE	TX	R03AI074647	SUSCEPTIBILITY OF MYCOBACTERIUM TUBERCULOSIS CLINICAL ISOLATES TO MOXIFLOXACIN	\$75,292
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI073389	EPIDEMIC CHIKUNGUNYA VIRUS: MOSQUITO INFECTION DETERMINANTS	\$185,164
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	U19AI045429	SAN ANTONIO STI TM CRC	\$747,200
2008	MICROSURFACES INC	TX	R43AI077161	CELL MIMIC MICROARRAYS FOR MULTIVALENT PATHOGEN CHARACTERIZATION & DETECTION	\$100,000
2008	UNIVERSITY OF TEXAS, EL PASO	TX	SC2AI081377	THE SUMOYLATION SYSTEM AS A NOVEL TARGET FOR ANTI-INFLUENZA THERAPIES	\$111,000
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI078006	RIFT VALLEY FEVER VACCINE DEVELOPMENT OF ANIMAL MODELS AND OPTIMIZE PRODUCTION	\$840,000

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI072493	ANALYSIS OF SARS CORONAVIRUS-HOST CELL INTERACTIONS	\$296,262
2008	RICE UNIVERSITY	TX	R01AI067638	STRUCTURAL BASIS OF PROTEIN-PRIMED RNA SYNTHESIS BY BIRNAVIRUSES	\$335,442
2008	NORWELL INC	TX	R43AI071634	DEVELOPMENT, PRODUCTION AND EVALUATION OF A MULTIVALENT ADENOVIRAL PLAGUE VACCINE	\$285,350
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI065731	MOLECULAR MECHANISM OF POXVIRUS HOST RANGE GENES	\$179,033
2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R21AI079747	STRATEGY FOR RESCUING PRIMARY THYMIC STROMAL FAILURE	\$176,250
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	K22AI068712	POTENTIAL ROLE OF H. PYLORI-INDUCED MIF IN GASTRIC CANCER	\$160,880
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	K99AI072961	ENTEROCOCCUS FAECIUM VIRULENCE: A MOLECULAR AND THERAPEUTIC APPROACH	\$90,650
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI074789	SERINE PROTEINASE INHIBITORS (SERPINS) IN TICK FEEDING AND PHYSIOLOGY	\$72,750
2008	LYNNTECH, INC	TX	R43AI069570	SINGLE STEP SURFACE MODIFICATION OF NONFLUORINATED POLYMERS FOR INFECTION CONTROL	\$101,964
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI081654	IDENTIFICATION OF NOVEL MAMMALIAN GENES REQUIRED FOR INTOXICATION BY ANTRAX TOXIN	\$305,715
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI067455	RESOLUTION OF ACUTE HEPATITIS B VIRUS INFECTIONS IN CHIMPANZEES	\$222,579
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R21AI066197	RNAI VECTOR DELIVERY TO INHIBIT JE/WN ENCEPHALITIS	\$182,098
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI073301	Sindbis nonstructural protein nsP2: Interaction with cellular proteins	\$339,750
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071118	A Recombinant Protein Vaccine Against Coccidioidomycosis	\$353,750
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071223	Experimental Molecular Vaccines for Schistosomiasis	\$327,484
2008	LYNNTECH, INC	TX	R43AI078591	A NOVEL METHOD TO GENERATE ANTIMICROBIAL FEATURES ON FABRICS	\$102,005
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI077295	HEPATIC INFLAMMATION AND IMMUNITY 2008	\$25,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI045764	IMMUNE POTENTIAL OF ANIMAL LACKING CLASS IA MOLECULES	\$333,563
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	TX	R01AI043572	MOLECULAR MODELS OF ADENOSINE SIGNALING AND ASTHMA	\$239,055
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064886	ROLE OF EARIDS IN LYMPHOCYTE FUNCTION AND DEVELOPMENT	\$279,050

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2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI063514	REGULATION OF IFN-GAMMA PRODUCTION IN HUMAN TUBERCULOSIS	\$255,795
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R21AI072458	ANALYSIS OF CANDIDA ALBICANS NRG1-REGULATED GENE EXPRESSION IN VIVO.	\$208,217
2008	SOUTHERN METHODIST UNIVERSITY	TX	R01AI051531	TRACK REGULATES CYTOKINESIS IN TRYPANOSOMA BRUCEI	\$301,995
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI064927	DC-HIL in Cutaneous Immunity	\$326,489
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI056326	ANTI-TICK-BORNE ENCEPHALITIS VIRUS MINIPROTEIN AGENTS	\$351,137
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI057555	Molecular Mechanisms Regulating TLR Signaling and Macrophage Activation.	\$322,304
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054578	Pathogenesis of Oxidative Stress in Chagas Disease	\$269,050
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI062917	FC RECEPTOR SIGNALING IN VACCINE DESIGN FOR THE ELDERLY	\$393,332
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	R01AI061645	TSLP AND ALLERGIC INFLAMMATION	\$351,137
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI060919	MECHANISMS OF NF-KAPPAB ACTIVATION IN T LYMPHOCYTES	\$326,489
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R37AI036682	ANERGY, APOPTOSIS AND CD28 IN CD8+ T CELLS DURING AIDS	\$349,534
2008	TEXAS A&M AGRILIFE RESEARCH	TX	P01AI060342	NOVEL DRUG DISCOVERY AGAINST P. FALCIPARUM ENR	\$744,131
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI070236	DEVELOPMENT OF A LYOPHILIZED INTRADERMAL/INTRANASAL RICIN VACCINE	\$615,696
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI059062	The RpoN-RpoS regulatory pathway in Borrelia burgdorferi	\$387,822
2008	UNIV OF TEXAS SYS CANCER CTR, M D ANDERSON HOSP/TUM INS	TX	U19AI071130	ASTHMA AND ALLERGIC DISEASES COOPERATIVE RESEARCH CENTER	\$1,085,267
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI062453	DETERMINING WHETHER TRANSIENT HIV INFECTION OCCURS	\$434,875
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U19AI040035	THE SOUTHEASTERN COOPERATIVE HEPATITIS C RESEARCH GROUP	\$1,414,039
2008	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	F32AI072946	REGULATION OF IMMUNE RESPONSES BY INTERLEUKIN-23	\$51,508
2008	GENOMICS USA INC	TX	R44AI060166	HLA CHIP PRODUCT FOR FDA 510K APPROVAL	\$850,816
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI077077	DENDRITIC CELL TARGETING ENHANCES FLAVIVIRUS VACCINE EFFICACY	\$220,970
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI005284	Integrative Immunology Training Program	\$362,021
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F32AI080115	REGULATION OF EHEC VIRULENCE GENES BY QSEA AND SMALL RNA MOLECULES	\$49,646

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2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	U01AI071283	VACCINE FOR EPIDEMIC TYPHUS	\$455,880
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R21AI060789	HOST RESPONSE TO YERSINIA PESTIS INFECTION	\$107,420
2008	CYTOGENIX INC	TX	R43AI080000	NOVEL DNA MANUFACTURING PROCESS: CELL-FREE PRODUCTION AND TESTING OF A NEW MULTIV	\$136,720
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R13AI080050	EMERGING INFECTIOUS DISEASES: ETHICS, LAW AND PROFESSIONAL OBLIGATION	\$10,500
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066160	ELUCIDATING THE MECHANISM OF NOVEL DENGUE ANTIVIRALS	\$185,164
2008	TEXAS TECH UNIVERSITY	TX	R15AI076909	ROLES OF PLASMENYLETHANOLAMINE BIOSYNTHESIS IN LEISHMANIA VIRULENCE	\$206,350
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	P01AI077774	Pathogenesis, Transmission and Detection of Zoonotic Prion Diseases (P01)	\$1,807,002
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R21AI069249	PTPN4 FUNCTIONS IN LYMPHOCYTES	\$235,500
2008	TEXAS A&M AGRILIFE RESEARCH	TX	R21AI080022	HOST CELL PROTEINS THAT INTERACT WITH CRYPTOSPORIDIUM	\$219,750
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI071752	Protective Host Immunity Against Pulmonary Cryptococcosis	\$347,029
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI069285	Role of TLR3 Signaling in Control of HCV	\$126,887
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI053439	ROLE OF T CELLS IN THE IMMUNE MODULATION OF MS	\$104,667
2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI054629	THE ROLE OF NK CELLS IN HUMAN M. TUBERCULOSIS INFECTION	\$255,795
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI034432	POLYAMINE AND GLUTATHIONE METABOLISM IN TRYPANOSOMES.	\$326,489
2008	BAYLOR RESEARCH INSTITUTE	TX	U19AI057234	HARNESSING HUMAN DC SUBSETS FOR IMPROVED MUSCOSAL VACCINES	\$3,141,637
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI066895	PROTEIN PHOSPHATASES IN LYMPHOCYTE SIGNAL TRANSDUCTION	\$348,812
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI054583	TULAREMIA AND THE HUMAN INNATE IMMUNE RESPONSE	\$351,137
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R21AI072704	A LINKAGE MAP FOR SCHISTOSOMA MANSONI	\$209,689
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI060549	Biodefense Training Program	\$87,155
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI076239	STRUCTURE/MECHANISM OF A PRION-REMODELING FACTOR	\$307,000
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI069171	ROLE OF THE ENDOTHELIUM IN THE T CELL-MEDIATED ANTI-RICKETTSIAL IMMUNE RESPONSE	\$222,197

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2008	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI079857	ROLE OF THE MHV S PROTEIN FC RECEPTOR ACTIVITY IN IMMUNE EVASION IN THE CNS	\$73,250
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI066273	CORTICOTROPIN RELEASING FACTOR: IMPACT ON INFLAMMATION	\$222,197
2008	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	R01AI071882	TARGETED DELIVERY OF ANTI HIV SRNAS/SHRNAS TO T CELLS	\$362,238
2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R56AI050669	IRON TRANSPORT AND ITS ROLE IN PATHOGENESIS OF VIBRIO CHOLERAE	\$371,000
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI067716	ROLE OF IL-6 IN THE PATHOGENESIS OF YERSINIA ENTEROCOLITICA INFECTION	\$358,065
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R01AI075090	FUNCTION OF NS2 IN HEPATITIS C VIRUS ASSEMBLY AND RELEASE	\$302,000
2008	TEXAS A&M AGRILIFE RESEARCH	TX	K22AI073888	ORIGINS OF SPECIALIZED MUCOSAL LYMPHOCYTE SUBSETS AND IMMUNOGLOBULIN ISOTYPES	\$162,000
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R56AI078871	IMMUNE RECONSTITUTION INFLAMMATORY SYNDROME IN HIV-TB INFECTED PATIENTS IN PERU	\$355,776
2008	TEXAS A & M RESEARCH FOUNDATION	TX	R03AI078348	IMMUNE RESPONSE OF DROSOPHILA AGAINST SPIROPLASMA	\$74,624
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI067034	PROBING BLOCKS TO INFECTIOUS HIV RELEASE IN MOUSE CELLS	\$136,250
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	U01AI046376	U.T. SOUTHWESTERN ADULT AIDS CLINICAL TRIALS UNIT	\$596,160
2008	UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER	TX	R01AI048417	MYCOBACTERIUM TUBERCULOSIS CELL DIVISION AND PROLIFERATION	\$337,219
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI016692	MEMBRANE PROTEINS OF TREPONEMA PALLIDUM	\$492,082
2008	BAYLOR COLLEGE OF MEDICINE	TX	T32AI053831	Immunology Scientist Training Program	\$265,955
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI064537	Chlamydia trachomatis proteomics	\$339,510
2008	UNIV OF NORTH TEXAS HEALTH SCIENCE CTR AT FT WORTH	TX	R01AI042075	T CELL SUBSETS IN MURINE MYCOPLASMA RESPIRATORY DISEASE	\$202,894
2008	TEXAS BIOMEDICAL RESEARCH INSTITUTE	TX	R01AI044406	A GENOME SCAN FOR SUSCEPTIBILITY TO HELMINTHIC INFECTION	\$651,656
2008	BAYLOR COLLEGE OF MEDICINE	TX	R01AI074949	ROLES OF DENDRITIC CELLS IN IMMUNE REGULATION	\$331,088
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI063256	NRG1 REGULATED GENES IN CANDIDA ALBICANS PATHOGENICITY	\$269,572
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI018867	TOWARD A MOLECULARLY-DEFINED VACCINE FOR SCHISTOSOMIASIS	\$344,854
2008	TEXAS A&M AGRILIFE RESEARCH	TX	R01AI044594	FATTY ACID BIOSYNTHESIS IN CRYPTOSPORIDIUM PARVUM	\$311,841

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2008	UNIVERSITY OF TEXAS AT AUSTIN	TX	R01AI064184	Bacterial Surface Structures of Helicobacter Pylori and Campylobacter Jejuni	\$151,833
2008	BAYLOR COLLEGE OF MEDICINE	TX	R37AI036040	Structural Studies of Rotaviruses	\$493,819
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	P01AI057986	TULAREMIA: PATHOGENESIS AND HOST RESPONSE	\$1,165,484
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	R01AI064562	HOST IMMUNITY AND VIRULENCE IN CANDIDA ALBICANS PATHOGENESIS	\$336,965
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	UC7AI070083	GALVESTON NATIONAL LABORATORY OPERATIONS	\$12,000,000
2008	UNIVERSITY OF TEXAS AT SAN ANTONIO	TX	SC1AI078559	BORRELIA BURGDORFERI INTERACTIONS WITH MAMMALIAN HOST CELLS	\$347,029
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI042953	T CELL RECEPTOR SIGNALING BY PHOSPHORYLATED FORMS OF TCR	\$290,211
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	F31AI078740	A MODEL TO DEVELOP PEPTOID-BASED VACCINES	\$28,608
2008	UNIVERSITY OF TEXAS, GRADUATE SCHOOL BIOMEDICAL SCIENCE	TX	R21AI078104	REGULATION OF ETHANOLAMINE UTILIZATION IN E. FAECALIS BY AN ATYPICAL RIBOSWITCH	\$235,321
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	R21AI076062	HIGH-RESOLUTION OPTICAL IMAGING ASSESSMENT OF MICROBICIDE TOXICITY	\$212,019
2008	UNIVERSITY OF TEXAS, MEDICAL BRANCH AT GALVESTON	TX	T32AI065396	COMPUTATIONAL AND STRUCTURAL BIOLOGY IN BIODEFENSE	\$95,683
2008	METHODIST HOSPITAL RESEARCH INSTITUTE	TX	R21AI078159	SMALL RNAS REGULATING GROUP A STREPTOCOCCUS VIRULENCE	\$225,000
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI067906	REORGANIZATION OF HIGHER-ORDER CHROMATIN STRUCTURES DURING IGK GENE ACTIVATION	\$385,043
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	T32AI070116	Infectious Diseases Training Program	\$118,416
2008	HOUSTON PHARMACEUTICALS INC	TX	R43AI077225	INHIBITION OF STAT-3 TO STIMULATE IMMUNE FUNCTION FOR GBM	\$146,989
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R01AI039416	GENE TRANSFER SYSTEM FOR AIDS THERAPY	\$326,489
2008	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CTR DALLAS	TX	R33AI071940	IMPLEMENTATION OF A VAGINAL/RECTAL HIV TRANSMISSION TO MODEL TO EVALUATE MICROBIC	\$392,500
2008	UNIVERSITY OF TEXAS HEALTH SCIENCE CTR AT SAN ANTONIO	TX	R01AI047997	Chlamydial Evasion of Host Immune Recognition Identifying & Characterizing CtSPs	\$339,510
2008	UNIVERSITY OF UTAH	UT	R01AI024158	REGULATION OF CR2/CD21 EXPRESSION AND ACTIVATION	\$329,984
2008	UNIVERSITY OF UTAH	UT	R01AI032223	Borrelia burgdorferi mitogen in development of arthritis	\$388,558
2008	UNIVERSITY OF UTAH	UT	R37AI033614	IMMUNITY TO INSULIN	\$356,016
2008	UNIVERSITY OF UTAH	UT	T32AI055434	Training Program in Microbial Pathogenesis	\$251,899

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	WASATCH MICROFLUIDICS LLC	UT	R43AI081533	PARALLEL MICROFLUIDIC SYSTEM FOR HIGH THROUGHPUT LABEL FREE CYTOKINE ANALYSIS	\$199,776
2008	ECHELON BIOSCIENCES INC	UT	R43AI078554	METHYLERYTHRITOL PHOSPHATE PATHWAY-SPECIFIC NATURAL PRODUCTS AS ANTIBACTERIALS	\$292,461
2008	ECHELON BIOSCIENCES INC	UT	R43AI077220	METHYLERYTHRITOL PHOSPHATE PATHWAY INHIBITORS TARGETING GRAM-NEGATIVE INFECTIONS	\$300,000
2008	UTAH STATE UNIVERSITY	UT	R01AI053138	NOVEL RIBOSTAMYCINS AND SAR STUDY OF RING III AMINOSUGAR	\$129,292
2008	BIOFIRE DIAGNOSTICS INC	UT	U01AI074419	HT-FILM-ARRAY: A SYSTEM TO ASSESS RESPIRATORY VIRUSES WITH EMPHASIS ON INFLUENZA	\$1,729,147
2008	UNIVERSITY OF UTAH	UT	R01AI051174	Biochemistry of HIV-1 Budding	\$507,560
2008	UNIVERSITY OF UTAH	UT	F32AI070075	VPS4 MECHANISM AND FUNCTION IN HIV BUDDING	\$48,796
2008	UNIVERSITY OF UTAH	UT	U01AI057565	HYPERPHENYLALANINEMIA IN CEREBRAL MALARIA	\$406,429
2008	UNIVERSITY OF UTAH	UT	R03AI076386	T CELL REACTIVE EPITOPES OF SHRIMP TROPOMYOSIN	\$73,330
2008	UNIVERSITY OF UTAH	UT	R01AI076652	CLONING MAJOR GENES FOR LETHAL GVHD IN MICE	\$299,833
2008	UNIVERSITY OF UTAH	UT	R01AI076168	D-peptide Inhibitors of HIV-1 Entry	\$337,501
2008	UNIVERSITY OF UTAH	UT	R01AI049057	INDUCTION OF APOPTOSIS BY HIV-1 VPR	\$320,414
2008	BIOFIRE DIAGNOSTICS INC	UT	U01AI061611	DIFFERENTIATION OF COMMON RESPIRATORY VIRUSES AND SARS	\$715,172
2008	UNIVERSITY OF UTAH	UT	R37AI045405	STRUCTURE AND ASSEMBLY OF THE HIV-1 CORE	\$278,119
2008	UNIVERSITY OF UTAH	UT	R01AI074825	DNA PACKAGING AND DELIVERY BY DSDNA VIRUSES	\$187,084
2008	UNIVERSITY OF UTAH	UT	R01AI074066	AMPHIPHATHIC ORAL CHELATORS AND RADIONUCLIDE CONTAMINATION	\$595,555
2008	UNIVERSITY OF UTAH	UT	K22AI071112	THE ROLE OF IL-2 IN PROMOTING CD8 MEMORY T CELL RESPONSIVENESS	\$108,000
2008	UNIVERSITY OF UTAH	UT	R01AI030554	REGULATION OF ANTIGEN PROCESSING	\$347,649
2008	UNIVERSITY OF UTAH	UT	R01AI047347	REGULATION OF HUMAN T-CELL IMMUNITY TO HCV ANTIGENS	\$455,271
2008	UNIVERSITY OF VIRGINIA	VA	T32AI007046	Infectious Diseases Training Program	\$640,635
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI035705	Staphylococcal methicillin resistance locus	\$489,096
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI027517	CHARACTERIZATION OF DIFFERENT TYPES OF HUMAN MAST CELLS	\$319,343
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI043894	HIV-1 Inhibition Using Tat peptide derivatives	\$317,567

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2008	UNIVERSITY OF VIRGINIA	VA	T35AI060528	Biodefense & Infectious Diseases Short-Term Training to Increase Diversity in Bio	\$69,287
2008	UNIVERSITY OF VIRGINIA	VA	R01AI068112	LIVE ATTENUATED RECOMBINANT BACTERIAL DELIVERY OF POLYSACCHARIDE VACCINE ANTIGENS	\$358,958
2008	UNIVERSITY OF VIRGINIA	VA	R37AI033993	PROCESSED ANTIGEN CHARACTERIZATION BY MASS SPECTROMETRY	\$667,763
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI071208	SELFISH GENE AND GENETIC CONTROL OF VECTOR-BORNE DISEASES	\$217,892
2008	UNIVERSITY OF VIRGINIA	VA	R21AI079906	CD103+ DENDRITIC CELLS AND REGULATORY T CELLS IN FOOD ALLERGY	\$227,250
2008	GEORGE WASHINGTON UNIVERSITY	VA	R21AI071837	OXADAIZOLS: RATIONALLY DESIGNED COMPOUNDS TARGETING HIV NUCLEAR IMPORTATION	\$227,646
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI067830	THE ROLE OF OSPC IN BORRELIA PATHOGENESIS	\$354,503
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI074729	COMPARATIVE GENOMICS OF THE 2LA INVERSION BREAKPOINTS IN ANOPHELES GAMBIAE	\$271,345
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI018697	Structure and Function of the B Lymphocyte Fcε Receptor	\$249,970
2008	UNIVERSITY OF VIRGINIA	VA	R01AI020181	ANALYSIS OF RESPIRATORY SYNCYTIAL VIRUS GENE PRODUCTS	\$397,803
2008	UNIVERSITY OF VIRGINIA	VA	R01AI022470	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION PROTEINS	\$353,414
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047141	A MOLECULAR STUDY OF THE GONOCOCCAL TRANSFERRIN RECEPTOR	\$316,472
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI064414	THE NOVEL ROLE AND REGULATION OF IRAK IN INNATE IMMUNITY	\$347,020
2008	UNIVERSITY OF VIRGINIA	VA	R01AI012464	STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	\$421,091
2008	UNIVERSITY OF VIRGINIA	VA	T32AI007496	Interdisciplinary Training Program in Immunology	\$317,758
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	K08AI057357	REGULATION OF HUMAN MAST CELL FUNCTION	\$127,710
2008	UNIVERSITY OF VIRGINIA	VA	U01AI075526	TAILORING NOVEL THERAPEUTICS FOR EMERGING DRUG-RESISTANT C. DIFFICILE COLITIS	\$700,893
2008	UNIVERSITY OF VIRGINIA	VA	R21AI073923	NOVEL RECOMBINANT VACCINES TO PROTECT AGAINST BURKHOLDERIA INFECTIONS	\$226,380
2008	UNIVERSITY OF VIRGINIA	VA	U01AI070491	ADENOSINE RECEPTOR AGONISTS AS AN IMMUNOTHERAPY FOR BIODEFENSE	\$1,191,560
2008	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R21AI073812	CD4+ T CELL-MEDIATED ENHANCEMENT OF ANTIVIRAL IMMUNITY	\$175,967

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2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059710	SIGNALING IN CELLS CHRONICALLY EXPOSED TO INTERFERONS	\$271,422
2008	TECHLAB, INC	VA	R43AI063791	MUCIN-DEGRADING MICROFLORA FOR PROPHYLACTIC ANTIBIOTICS	\$281,117
2008	UNIVERSITY OF VIRGINIA	VA	K23AI074681	EVALUATION OF C. DIFFICILE SEVERITY IN EPIDEMIOLOGIC STUDIES & IN ANIMAL MODELS	\$127,812
2008	UNIVERSITY OF VIRGINIA	VA	R21AI072469	INNATE IMMUNE RECOGNITION OF B. ANTHRACIS	\$227,250
2008	AMERICAN TYPE CULTURE COLLECTION	VA	R03AI079475	DEVELOPMENT OF A CONTINUOUS INVITRO CULTURE SYSTEM FOR PLASMODIUM VIVAX	\$66,729
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI069388	THE ROLE OF STAT1 IN MITOCHONDRIA	\$182,711
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI059638	IL-10 Controls Mast Cell Homeostasis	\$362,221
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI074667	Mechanism of Hepatitis E Virus Replication and Pathogenesis	\$390,031
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI072773	TRANSDUCTION OF SCHISTOSOMA MANSONI BY PSEUDOTYPED RETROVIRUS	\$448,408
2008	UNIVERSITY OF VIRGINIA	VA	R01AI068501	COMPOUNDS THAT INHIBIT HIV REV FUNCTION	\$406,514
2008	UNIVERSITY OF VIRGINIA	VA	R01AI048672	ROLE OF SHP-1 IN T CELL ACTIVATION AND DEVELOPMENT	\$360,779
2008	UNIVERSITY OF VIRGINIA	VA	U01AI075396	COMPREHENSIVE MOLECULAR DIAGNOSIS FOR FOOD AND WATERBORNE ENTEROPATHOGENS	\$772,780
2008	UNIVERSITY OF VIRGINIA	VA	U19AI070364	ASTHMA AND ALLERGIC DISEASE CENTER	\$971,931
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI070528	PROTEASE ACTIVATION OF NEWCASTLE DISEASE VIRUS FOR ONCOLYTIC VIRAL THERAPY	\$272,105
2008	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	K25AI067791	SPATIALLY-EXPLICIT MATHEMATICAL MODEL OF HUMAN MONOCYTIC EHRlichiosis	\$111,980
2008	RADIATION RESEARCH SOCIETY	VA	R13AI080056	MEETING OF RADIATION RESEARCH SOCIETY	\$9,142
2008	UNIVERSITY OF VIRGINIA	VA	R01AI068836	AUTOIMMUNE VITILIGO AND TOLERANCE IN THE IMMUNE RESPONSE TO A MELANOMA ANTIGEN	\$370,513
2008	PHTHISIS DIAGNOSTIC LLC	VA	R42AI069598	REAL-TIME PCR DIAGNOSTIC KIT FOR GIARDIA AND CRYPTOSPORIDIUM	\$553,858
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI067746	DEVELOPMENT OF A POLYVALENT CHIMERIC VACCINE FOR LYME DISEASE	\$344,729
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI077726	Modulation of arboviruses in mosquitoes	\$384,898
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI050094	Targeting sphingosine kinases in FcεRI-mediated allergic responses	\$260,750
2008	UNIVERSITY OF VIRGINIA	VA	R01AI051420	ANTIBODY INDUCED T CELL-MEDIATED NEONATAL AUTOIMMUNITY.	\$378,750

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2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI043693	ENCEPHALITZOAN CUNICULI-HOST IMMUNITY AND PATHOGENESIS	\$479,362
2008	UNIVERSITY OF VIRGINIA	VA	K08AI072470	IMMUNE RESPONSES AND GENETIC POLYMORPHISMS IN ENTAMOEBA HISTOLYTICA INFECTION	\$111,483
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	F31AI073209	INHIBITION OF HCMV GENOME MATURATION BY THE HALOGENATED BENZIMIDAZOLE, BDCRB	\$32,321
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	U19AI077435	CELLULAR & INFLAMMATORY PATHWAYS IN ASHTMA & ALLERGIC DISEASES: FROM IGE TO CELLS	\$1,387,837
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI069293	ROLE OF INSULIN-LIKE SIGNALING IN THE HOOKWORM INFECTIVE PROCESS	\$381,781
2008	TECHLAB, INC	VA	R42AI077171	MULTIPLEX SCREENING ELISA FOR GIARDIA, CRYPTOSPORIDIUM AND E. HISTOLYTICA	\$99,511
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	K18AI073442	DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS INTO MAST CELLS AAND BASOPHILS	\$112,788
2008	UNIVERSITY OF VIRGINIA	VA	R01AI057438	Interplay between LTE4/LTE4 receptors and IFN-y with mast cells and eosinophils i	\$360,779
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI033325	Long Term Immunity against Toxoplasmosis	\$496,288
2008	UNIVERSITY OF VIRGINIA	VA	R01AI020565	Dust Mite, Cockroach and Cat Allergens in Asthma	\$398,469
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI047841	STREPTOCOCCAL VIRULENCE FACTORS IN EXTRA-ORAL DISEASE	\$203,943
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	K23AI065963	CYTOMEGALOVIRUS TRANSMISSION IN PREGNANT WOMEN	\$133,110
2008	UNIVERSITY OF VIRGINIA	VA	K08AI065461	THE EFFECTS OF A2A ADENOSINE RECEPTOR AGONISTS IN SEPSIS	\$122,283
2008	UNIVERSITY OF VIRGINIA	VA	R01AI041236	Zona Pellucida: Immunopathologic Study	\$359,401
2008	UNIVERSITY OF VIRGINIA	VA	R01AI018000	Bordetella Cyclase Toxin:Effect on Leukocytes and Respiratory Epithelial Cells	\$360,779
2008	GEORGE WASHINGTON UNIVERSITY	VA	R21AI072495	MECHANISM OF ACTIVATED TRANSCRIPTION IN THE NEW HTLV-3 VIRUS	\$190,886
2008	UNIVERSITY OF VIRGINIA	VA	K23AI077339	EAEC INFECTION IN HIV-INFECTED PATIENTS IN HAITI	\$128,817
2008	UNIVERSITY OF VIRGINIA	VA	K23AI059317	CHANGE IN ALLERGEN EXPOSURE AND REVERSIBILITY OF THE TOLERANT IMMUNE RESPONSE	\$130,923
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R03AI070198	ARBOVIRAL SUPPRESSORS OF RNA INTERFERENCE	\$77,744
2008	LUNA INNOVATIONS INC	VA	R44AI066612	DEVELOPMENT OF RSK INHIBITORS AS NOVEL THERAPEUTICS FOR YERSINIA PESTIS	\$597,452
2008	UNIVERSITY OF VIRGINIA	VA	R01AI026649	Role of Leptin in Innate Mucosal Defense from Amebiasis	\$368,770

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2008	EDWARD VIA VA COLLEGE OF OSTEOPATHIC MEDICINE	VA	R15AI072756	THE ANTI-INFLAMMATORY EFFECTS OF CEO2 NANOPARTICLES IN SLE	\$253,917
2008	UNIVERSITY OF VIRGINIA	VA	R37AI030557	MOLECULAR MECHANISMS OF VIRAL MEMBRANE FUSION	\$400,862
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI059280	ROLE OF HOOKWORM SECRETIONS IN HOST IMMUNOMODULATION	\$378,875
2008	UNIVERSITY OF VIRGINIA	VA	R01AI050072	Molecular study of mouse viral resistance mechanisms	\$381,603
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI067254	CONTRIBUTION OF CYCLOPHILINS TO LEUKOCYTE RECRUITMENT IN LUNG INFLAMMATION	\$327,916
2008	UNIVERSITY OF VIRGINIA	VA	R01AI059294	C-MYB IN B CELL DEVELOPMENT AND FUNCTION	\$353,291
2008	UNIVERSITY OF VIRGINIA	VA	R01AI071373	MOUSE STRAIN DEPENDENT INNATE RESISTANCE TO INTESTINAL AMEBIASIS	\$360,779
2008	UNIVERSITY OF VIRGINIA	VA	R01AI057591	ALTERATION OF INNATE IMMUNITY BY HCV CORE	\$282,356
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI068892	POST-TRANSCRIPTIONAL REGULATION OF BIOFILM FORMATION S. AUREUS	\$287,089
2008	UNIVERSITY OF VIRGINIA	VA	R01AI067823	IRON UPTAKE MECHANISMS OF FRANCISELLA TULARENSIS	\$334,398
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R56AI017142	FOLLICULAR ANTIGEN BINDING DENDRITIC CELLS	\$329,985
2008	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R03AI074800	REGULATION AND FUNCTION OF THE HCMV PP71 TEGUMENT PROTEIN	\$74,323
2008	INNOVATIVE BIOLOGICS INC	VA	R44AI074105	SMALL MOLECULE INHIBITORS OF C. PERFRINGENS EPSILON-TOXIN	\$387,974
2008	UNIVERSITY OF VIRGINIA	VA	F32AI072818	THE ROLE OF LYMPHOID ENVIRONMENTS IN GUIDING T CELL MIGRATION	\$49,646
2008	AMRON CORPORATION	VA	R43AI075783	ENCOURAGING HYGIENE MESSAGES	\$95,435
2008	UNIVERSITY OF VIRGINIA	VA	R01AI015608	Cytotoxic T Lymphocyte Response to Influenza Virus	\$360,779
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI050611	A chicken model to study hepatitis E virus pathogenesis	\$315,867
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI073576	ELIMINATION OF TOXOPLASMA GONDII CYSTS BY T CELLS	\$231,500
2008	UNIVERSITY OF VIRGINIA	VA	R01AI037941	GENE EXPRESSION IN ENTAMOEBIA HISTOLYTICA	\$268,140
2008	UNIVERSITY OF VIRGINIA	VA	R01AI043425	INHIBITORY SIGNALING VIA FCGR1IB RECEPTOR ON B CELLS	\$282,439
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI057189	HIV PROTEASE INHIBITORS AND HEPATIC LIPID DYSREGULATION	\$308,676
2008	UNIVERSITY OF VIRGINIA	VA	R01AI043596	Field Studies of Cryptosporidiosis in Bangladesh	\$266,533
2008	GEORGE WASHINGTON UNIVERSITY	VA	U01AI069503	CPCRA CLINICAL TRIALS UNIT	\$6,625,255

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2008	GEORGE WASHINGTON UNIVERSITY	VA	U01AI065871	PATHOGENESIS OF LIVER FLUKE INDUCED CANCER IN THAILAND	\$939,071
2008	UNIVERSITY OF RICHMOND	VA	K22AI070644	NUTRITIONAL AND ENDOCRINE CONTROL OF MOSQUITO EGG DEVELOPMENT.	\$108,000
2008	UNIVERSITY OF VIRGINIA	VA	U01AI075520	NITROTHIAZOLIDES:BROAD-SPECTRUM CATEGORY B ANTI-PARASITIC/BACTERIAL THERAPEUTICS	\$500,977
2008	GEORGE WASHINGTON UNIVERSITY	VA	R01AI071778	DENDRITIC CELL RESPONSE TO MICROSPORIDIANS	\$693,170
2008	UNIVERSITY OF VIRGINIA	VA	R01AI066058	LEGIONELLA PNEUMOPHILA DEVELOPMENTAL CYCLE & VIRULENCE	\$370,162
2008	UNIVERSITY OF VIRGINIA	VA	U01AI070384	COOPERATIVE RESEARCH PARTNERSHIP FOR AN AMEBIC COLITIS VACCINE	\$783,068
2008	GEORGE MASON UNIVERSITY	VA	R21AI069981	DETERMINE THE TRANSCRIPTIONAL ACTIVITY OF NON-INTEGRATED HIV-1 DNA	\$203,758
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI072038	FORWARD AND REVERSE GENETICS IN MOSQUITOES USING AN RNA VIRUS	\$228,227
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R01AI078756	IFN-gamma production by microglia for prevention of toxoplasmic encephalitis	\$391,333
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI019146	ACTIVATION OF ALGINATE GENES IN PSEUDOMONAS AERUGINOSA	\$323,381
2008	UNIVERSITY OF VIRGINIA	VA	R01AI041644	ASSEMBLY OF THE HERPES SIMPLEX VIRUS CAPSID	\$175,675
2008	EASTERN VA MED SCHOOL OF MED COLLEGE OF HAMPTON ROADS	VA	R01AI060038	CNS PATHOLOGY AFTER HSV INFECTION IS IMMUNE CELL-MEDIATED	\$341,728
2008	UNIVERSITY OF VIRGINIA	VA	T32AI055432	Biodefense Research Training and Career Development	\$247,750
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	T32AI007617	TRAINING IN MOLECULAR PATHOGENESIS OF MICROBIAL DISEASES	\$178,222
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R01AI072683	Characterization of Anaplasma phagocytophilum adhesins	\$383,970
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI074461	ANIBAMINE, A NOVEL CCR5 ANTAGONIST AS ANTI-HIV LEAD COMPOUND	\$203,140
2008	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	VA	R21AI079350	POPULATION CYTOGENETICS OF ANOPHELES MOUCHETI AND ANOPHELES NILI	\$194,725
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI071995	HUMAN CYTOMEGALOVIRUS ALKALINE NUCLEASE (PUL98): POTENTIAL ANTIVIRAL TARGET?	\$180,385
2008	VIRGINIA COMMONWEALTH UNIVERSITY	VA	R21AI073615	ABILITY OF CMV VACCINES TO INDUCE ANTIBODIES THAT BLOCK ENDOCYTIC ENTRY	\$206,604
2008	UNIVERSITY OF VIRGINIA	VA	R56AI079145	THE ROLE OF ADENOSINE RECEPTORS IN TH CELL DEVELOPMENT AND FUNCTION	\$378,022
2008	UNIVERSITY OF VERMONT	VT	R01AI044186	HAIRPIN RIBOZYME: FOLDING, STRUCTURE AND MECHANISM	\$495,784

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2008	UNIVERSITY OF VERMONT	VT	R21AI079712	A CASPASE-8 SUBSTRATE IN T CELL ACTIVATION	\$225,813
2008	UNIVERSITY OF VERMONT	VT	R01AI067897	CD1D-RESTRICTED T CELLS AND PREGNANCY LOSS	\$372,780
2008	UNIVERSITY OF VERMONT	VT	K08AI054563	GAMMA-DELTA T CELLS AND CRYPTOSPORIDIOSIS	\$134,595
2008	UNIVERSITY OF VERMONT	VT	R56AI051454	P38 MAP KINASE IN EARLY THYMOCYTE DEVELOPMENT	\$376,250
2008	UNIVERSITY OF VERMONT	VT	R01AI072021	MOLECULAR MECHANISM OF ENTAMOEBA HISTOLYTICA PHAGOCYTOSIS	\$274,548
2008	UNIVERSITY OF VERMONT	VT	R01AI036333	FAS REGULATES T CELL DEVELOPMENT/FUNCTION IN LPR MICE	\$361,970
2008	UNIVERSITY OF VERMONT	VT	T32AI055402	Vermont Immunology / Infectious Diseases Training Grant	\$78,207
2008	UNIVERSITY OF VERMONT	VT	R56AI054961	SMALL MOLECULE APPROACHES TO STUDYING T. GONDI INVASION	\$311,529
2008	UNIVERSITY OF VERMONT	VT	R21AI071635	OPTIMIZATION OF VECTORS FOR STABLE TRANSFECTION OF ACANTHAMOEBA	\$216,507
2008	UNIVERSITY OF VERMONT	VT	R01AI041747	AUTOIMMUNE DISEASE AND NEONATAL TOLERANCE	\$277,004
2008	UNIVERSITY OF VERMONT	VT	R01AI058052	GENETICS OF SUSCEPTIBILITY TO ANTHRAX TOXIN IN VIVO	\$352,300
2008	UNIVERSITY OF VERMONT	VT	R56AI047727	SPATIO-TEMPORAL ANALYSIS OF HIV-1 ASSEMBLY AND RELEASE	\$376,250
2008	UNIVERSITY OF WASHINGTON	WA	K08AI067910	TOLL-LIKE RECEPTOR ANTAGONISM AS A POTENTIAL TREATMENT FOR PRETERM LABOR	\$126,306
2008	UNIVERSITY OF WASHINGTON	WA	F32AI073027	QUORUM SENSING IN BURKHOLDERIA MALLEI	\$46,826
2008	PHARMAIN CORPORATION	WA	R43AI078539	NANOCARRIER WITH METAL BRIDGE FOR AFFINITY BASED DELIVERY OF METAL BINDING PEPTID	\$199,688
2008	UNIVERSITY OF WASHINGTON	WA	R01AI076170	GLYCAN MODIFICATION, CD4 INDEPENDENCE, AND ENV IMMUNOGENICITY	\$565,469
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047953	Molecular Analysis of the PfEMP1 Binding Activity	\$421,585
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054423	Genetic Requirements of Helicobacter pylori Infection	\$356,805
2008	UNIVERSITY OF WASHINGTON	WA	R37AI047734	Occurrence and Outcome of Dual HIV-1 Infection	\$528,578
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054703	QUANTITATIVE PCR FOR THE DETECTION OF FUNGAL INFECTIONS	\$281,608
2008	UNIVERSITY OF WASHINGTON	WA	R01AI066209	VIRAL HOST INTERACTIONS IN HEPATITIS C	\$408,680
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI073441	REGULATION OF INFLAMMATORY SIGNALING DURING THE INNATE IMMUNE RESPONSE	\$448,808
2008	UNIVERSITY OF WASHINGTON	WA	R21AI074335	CRYSTALLOGRAPHIC STUDIES OF HIV-1 VIF FUNCTION	\$187,040

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2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI034251	LENTIVIRAL VARIATION AND AIDS	\$356,257
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038518	Early and Reinfection in High Risk Women	\$627,011
2008	UNIVERSITY OF WASHINGTON	WA	R37AI029168	STATISTICAL ISSUES IN AIDS RESEARCH	\$432,950
2008	UNIVERSITY OF WASHINGTON	WA	T32AI007140	STD and AIDS Research Training Grant	\$778,567
2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	K08AI065878	IPAF SIGNALING IN INNATE IMMUNITY	\$130,626
2008	UNIVERSITY OF WASHINGTON	WA	R21AI076020	MODELS FOR TESTING CANDIDATE TOPICAL MICROBICIDES FOR CYTOTOXICITY AND ACTIVITY A	\$201,827
2008	UNIVERSITY OF WASHINGTON	WA	R13AI062201	PRINCIPLES OF STD/HIV RESEARCH COURSE	\$20,000
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071212	MECHANISM/PREDICTORS OF GENITAL/RECTAL HIV SHEDDING DURING ART W/PLASMA <50C/ML	\$386,237
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068635	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV VACCINE TRIALS NETWORK	\$14,380,617
2008	UNIVERSITY OF WASHINGTON	WA	P01AI060360	THYMIDYLATE SYNTHASE INHIBITORS FOR MALARIA	\$804,646
2008	UNIVERSITY OF WASHINGTON	WA	R37AI044257	FDRC1 AND FOLLICULAR DENDRITIC CELL SIGNALING PATHWAYS	\$334,861
2008	UNIVERSITY OF WASHINGTON	WA	U19AI031448	UNIVERSITY OF WASHINGTON STI-TM COOPERATIVE RESEARCH CENTER	\$1,788,911
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI071163	LENTIVIRAL GENE THERAPY FOR WISKOTT-ALDRICH SYNDROME	\$286,015
2008	SEATTLE PACIFIC UNIVERSITY	WA	R15AI058972	REDESIGNING NKG2D--MIC-A INTERACTION KINETICS	\$210,760
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI061628	The Role of Uncultivated Bacteria in Bacterial Vaginosis	\$570,275
2008	UNIVERSITY OF WASHINGTON	WA	R01AI019335	CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	\$399,374
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI031077	PROTEIN PHOSPHORYLATION IN TRYPANOSOMES	\$454,844
2008	UNIVERSITY OF WASHINGTON	WA	P30AI027757	University of Washington Center for Aids Research	\$3,582,527
2008	UNIVERSITY OF WASHINGTON	WA	R01AI036396	Genetic Basis of Mycobacterial Invasion	\$348,861
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI026672	Translational Control of Cytomegalovirus Gene Expression	\$432,832
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI065328	ACTIVATION-INDUCED NON-RESPONSIVENESS CAUSES HIV PROG.	\$324,614
2008	UNIVERSITY OF WASHINGTON	WA	R01AI065429	Innate immunity to adenovirus	\$282,026
2008	UNIVERSITY OF WASHINGTON	WA	R01AI030479	Phop Regulon and Salmonella Virulence	\$362,328
2008	UNIVERSITY OF WASHINGTON	WA	R01AI061061	Molecular characterization of the role for T-bet and Bcl-6 in immune cell metabolism and differentiation	\$282,026

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2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI067750	HOMING AND HOMEOSTASIS OF REGULATORY T CELLS	\$435,793
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030581	CELL-STRESS INDUCED IMMUNE RESPONSES	\$629,234
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI070749	EUKARYOTIC-TYPE SIGNALING MEDIATES TWO-COMPONENT REGULATION OF GBS VIRULENCE	\$395,687
2008	UNIVERSITY OF WASHINGTON	WA	R01AI070218	Rational development of anti-Trypanosoma cruzi drugs	\$572,486
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068617	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; HIV PREVENTION TRIALS NETWORK	\$6,867,620
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI064503	HIGH THROUGHPUT ANALYSIS OF MALARIAL SURFACE ANTIGENS	\$234,214
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI068117	A NOVEL METHOD FOR IDENTIFICATION OF MINOR HISTOCOMPATIBILITY ANTIGENS	\$234,407
2008	UNIVERSITY OF WASHINGTON	WA	R56AI071175	MYCOPLASMA GENITALIUM ANTIGENIC VARIATION	\$306,400
2008	UNIVERSITY OF WASHINGTON	WA	R21AI078495	UNDERMINING AMINOGLYCOSIDE RESISTANCE IN PSEUDOMONAS AERUGINOSA	\$227,009
2008	UNIVERSITY OF WASHINGTON	WA	R21AI079778	MOLECULAR MECHANISMS OF MYELOKATHEXIS	\$234,000
2008	UNIVERSITY OF WASHINGTON	WA	R01AI078229	EVOLUTION AND EMERGENCE OF SIMIAN RETROVIRUSES IN SOUTH ASIA	\$760,000
2008	UNIVERSITY OF WASHINGTON	WA	R01AI072728	UREAPLASMAS IN ACUTE AND PERSISTENT URETHRITIS: CLINICAL IMPLICATIONS	\$376,399
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI059432	MICROBIAL SIDEROPHORE-SPECIFIC INNATE IMMUNE RESPONSES	\$272,982
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI050506	The Plastid of Toxoplasma gondii	\$477,500
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI014102	Mitochondrial DNA of Normal and Mutant Trypanosomes	\$714,553
2008	UNIVERSITY OF WASHINGTON	WA	R01AI061464	TLR5 AND PULMONARY INNATE IMMUNITY	\$305,579
2008	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI044373	HUMAN T CELL ANTIGENS OF MYCOBACTERIUM TUBERCULOSIS	\$470,628
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069197	Hematopoietic Stem Cell and Cord Blood Transplantation	\$1,335,314
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI058089	DOUBLE-STRANDED RNA BINDING PROTEINS OF CYTOMEGALOVIRUS	\$122,850
2008	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI063509	PSEUDOMONAS AERUGINOSA OUTER MEMBRANE PROTEIN MODELING	\$334,536
2008	UNIVERSITY OF WASHINGTON	WA	R01AI038383	ACQUISITION AND NATURAL HISTORY OF GENITAL HPV INFECTION	\$630,644
2008	UNIVERSITY OF WASHINGTON	WA	R01AI042989	5-LIPOXYGENASE PRODUCTS IN ASTHMATIC IMMUNE RESPONSE	\$324,915

Funding FY	Recipient Name	State	Award Number	Award Title	Action Amount
2008	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI057737	TYPE 1 FIMBRIAL VARIATION IN E COIL 018 K1 H7 VIRULENCE	\$120,420
2008	UNIVERSITY OF WASHINGTON	WA	R01AI063940	Antigenic Variation of TprK in Treponema pallidum	\$282,026
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI030927	HIV HOST-CELL INTERACTIONS	\$485,337
2008	UNIVERSITY OF WASHINGTON	WA	K08AI074424	MUCOSAL TRANSMISSION AND LOCALIZED SUPERINFECTION IN HIV-1	\$111,114
2008	UNIVERSITY OF WASHINGTON	WA	R01AI049168	HCV REPLICATION AND IMMUNE RESPONSE IN HIV COINFECTION	\$568,445
2008	UNIVERSITY OF WASHINGTON	WA	K23AI069990	GENITAL HIV-1 SHEDDING AMONG WOMEN STARTING SECOND-LINE ANTIRETROVIRAL THERAPY	\$126,216
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI057639	HHV-6 AND CNS DISEASE FOLLOWING STEM CELL TRANSPLANT	\$283,432
2008	WASHINGTON STATE UNIVERSITY	WA	R01AI063463	ION TRANSPORT AND MOTILITY IN LARVAL MOSQUITO STOMACH	\$314,468
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068614	LEADERSHIP GROUP FOR A GLOBAL HIV VACCINE CLINICAL TRIALS NETWORK	\$29,745,965
2008	UNIVERSITY OF WASHINGTON	WA	T32AI007044	Host Defense Training in Allergy and Infectious Diseases	\$467,047
2008	SEATTLE CHILDREN'S HOSPITAL	WA	K08AI063267	FOXP3 STRUCTURE, FUNCTION AND REGULATORY ACTIVITY IN T CELLS	\$119,340
2008	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	U01AI078054	DEVELOPMENT AND MANUFACTURE OF ADJUVANTS FOR VACCINES TARGETING MDR TUBERCULOSIS	\$979,306
2008	UNIVERSITY OF WASHINGTON	WA	R21AI071939	IMPROVED MACAQUE SAFETY MODEL FOR TOPICAL MICROBICIDES: POST-COITAL ASSESSMENTS	\$269,419
2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI032972	LPS Signaling in Macrophages: The Roll of Toll	\$590,661
2008	UNIVERSITY OF WASHINGTON	WA	R01AI048389	THE ROLE OF CELLULAR FACTORS IN THE HIV-1 CAPSID ASSEMBLY PATHWAY	\$340,128
2008	UNIVERSITY OF WASHINGTON	WA	R01AI043060	CHLAMYDIA PNEUMONIAE ANTIGENS OF BILOGOGICAL SIGNIFICANCE	\$390,000
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	K08AI068424	DEFINING IMMUNE DEFICITS IN HIV-1 INFECTED WOMEN	\$123,660
2008	UNIVERSITY OF WASHINGTON	WA	R01AI068107	A COMMUNITY-LEVEL RCT OF EXPEDITED PARTNER TREATMENT FOR GONORRHEA AND CHLAMYDIA	\$592,031
2008	UNIVERSITY OF WASHINGTON	WA	R01AI058698	ANTIRETROVIRAL THERAPY AND HIV-1 INFECTIVITY IN WOMEN	\$553,853
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R01AI058723	RESERVOIRS OF DRUG-RESISTANT HIV-1	\$345,818
2008	UNIVERSITY OF WASHINGTON	WA	U54AI057141	NW RESEARCH CENTER FOR EXCELLENCE IN BIODEFENSE AND EMERGING INFECTIOUS DISEASES	\$11,401,047

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2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	P01AI030731	Clinical Epidemiology and Pathogenesis of Asymptomatic HSV	\$1,959,998
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI047086	HIV-1 CELLULAR IMMUNITY IN EXPOSED SERONEGATIVES	\$413,373
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054165	STATISTICAL METHODS IN HIV VACCINE EFFICACY TRIALS	\$230,272
2008	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R01AI025038	Leishmania antigens defined by human immune responses	\$639,876
2008	PROGRAM FOR APPROPRIATE TECHNOLOGY IN HEALTH(PATH)	WA	U01AI070801	A MULTIPLEX POINT-OF-CARE TEST FOR VAGINAL INFECTIONS	\$643,447
2008	UNIVERSITY OF WASHINGTON	WA	K23AI079394	DYNAMIC REACTIVATION OF HERPES SIMPLEX VIRUS-2 AND THE GENITAL MUCOSAL RESPONSE	\$118,601
2008	UNIVERSITY OF WASHINGTON	WA	R01AI067496	VACCINIA: T-CELL IMMUNITY AND HOMING TO SKIN	\$334,346
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068618	HVTN LABORATORY PROGRAM	\$15,927,918
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI069057	MITOCHONDRIAL FUNCTION IN BLOODSTREAM TRYPANOSOMA BRUCEI	\$374,742
2008	INBIOS INTERNATIONAL, INC	WA	R43AI074172	RAPID ANTIGEN DETECTION TEST FOR DENGUE INFECTION	\$309,725
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI078401	NOVEL MINOR HISTOCOMPATIBILITY ANTIGENS DETERMINED BY CODING DELETION POLYMORPHIS	\$287,221
2008	UNIVERSITY OF WASHINGTON	WA	R00AI072945	MECHANISMS AND CONSEQUENCES OF INNATE IMMUNE RECOGNITION OF NUCLEIC ACIDS	\$249,000
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI081298	MITIGATION OF RADIATION-INDUCED LUNG INJURY IN THE DOG MODEL	\$1,000,000
2008	UNIVERSITY OF WASHINGTON	WA	R01AI054384	BIOCHEMISTRY OF PROTEIN PRENYLATION	\$597,282
2008	UNIVERSITY OF WASHINGTON	WA	U01AI069434	UW CLINICAL HIV INTEGRATED RESEARCH PROGRAM	\$1,157,590
2008	UNIVERSITY OF WASHINGTON	WA	R01AI022646	TRANSLATIONAL CONTROL IN INFLUENZA VIRUS INFECTED CELLS	\$402,177
2008	UNIVERSITY OF WASHINGTON	WA	R01AI059575	HETEROGENEITY OF MEDULLARY THYMIC EPITHELIUM	\$347,994
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI048675	STRUCTURE/FUNCTION STUDIES OF CTLD NK IMMUNORECEPTORS	\$356,152
2008	UNIVERSITY OF WASHINGTON	WA	R01AI071272	TRANSCRIPTIONAL CONTROL OF INTERFERON-GAMMA IN T AND NK CELLS	\$335,680
2008	UNIVERSITY OF WASHINGTON	WA	R24AI049393	Severe Chronic Neutropenia International Registry	\$482,494
2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R21AI075016	FITNESS COST AND COMPENSATION IN QUINOLONE-RESISTANT MYCOBACTERIUM TUBERCULOSIS	\$264,870

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2008	UNIVERSITY OF WASHINGTON	WA	K08AI076620	BIOFILM FORMATION IN MYCOBACTERIAL PERSISTENCE AND DRUG TOLERANCE IN VIVO	\$132,911
2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI025032	LPS Regulation of Macrophage Function	\$665,860
2008	MDRNA INC	WA	R01AI069273	DEVELOPMENT OF SIRNAS TO PREVENT AND TREAT INFLUENZA INFECTION	\$357,207
2008	MICRONICS INC	WA	R43AI078851	RAPID POINT OF CARE HIV PCR DIAGNOSTIC DEVICE	\$99,431
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI075280	EXPLORING THE EXPORTOME OF MALARIA LIVER STAGES	\$238,750
2008	UNIVERSITY OF WASHINGTON	WA	R01AI070090	NEW INHIBITORS OF HIV REPLICATION	\$415,844
2008	UNIVERSITY OF WASHINGTON	WA	R21AI080439	EFFECT OF LACTOBACILLUS ON GENITAL HIV-1 RNA AND DNA SHEDDING IN WOMEN	\$369,328
2008	PROTEIN ADVANCES INC	WA	R44AI066613	DEVELOPING A NEW LEPROSY DIAGNOSTIC TEST	\$379,626
2008	UNIVERSITY OF WASHINGTON	WA	R21AI067444	THE YERSINIA INSECTICIDAL TOXIN COMPLEX	\$228,636
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	RC1AI080315	IMPROVING PLATELET RECOVERY AFTER RADIATION	\$666,667
2008	UNIVERSITY OF WASHINGTON	WA	R21AI073115	HOST GENETIC FACTORS IN THE HIV VIRUS LIFE-CYCLE AND HIV DISEASE PROGRESSION	\$153,036
2008	UNIVERSITY OF WASHINGTON	WA	R01AI039557	NITRIC OXIDE CYTOTOXICITY IN SALMONELLOSIS	\$444,900
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI041721	PREGNANCY, MICROCHIMERISM, AND AUTOIMMUNE DISEASE	\$436,230
2008	UNIVERSITY OF WASHINGTON	WA	R01AI073726	MOG-SPECIFIC T CELL TRAFFICKING IN THE CENTRAL NERVOUS SYSTEM	\$385,375
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI074457	ISOLATION OF HIV NABS FROM A NONIMMUNE YEAST-DISPLAY LIBRARY OF SCFV ANTIBODIES	\$286,500
2008	UNIVERSITY OF WASHINGTON	WA	R01AI043456	SURFACE ANTIGENS OF TREPONEMA PALLIDUM	\$317,281
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI069481	SEATTLE VACCINE TRIALS UNIT	\$561,625
2008	UNIVERSITY OF WASHINGTON	WA	R01AI064318	Characterization of Recent Thymic Emigrants	\$412,289
2008	UNIVERSITY OF WASHINGTON	WA	R01AI048683	Salmonella pathogenicity island 2 effector proteins	\$334,345
2008	UNIVERSITY OF WASHINGTON	WA	R01AI060466	Antiretroviral Therapy for HIV-2 Infection in Senegal	\$629,187
2008	UNIVERSITY OF WASHINGTON	WA	P01AI042380	GENETIC CONTROL OF BB RAT AUTOIMMUNITY	\$934,700
2008	UNIVERSITY OF WASHINGTON	WA	P01AI067921	MEDICAL STRUCTURAL GENOMICS OF PATHOGENIC PROTOZOA (MSGPP)	\$2,265,689
2008	UNIVERSITY OF WASHINGTON	WA	K08AI067138	DETERMINANTS OF HOST ADAPTATION IN A MACACA NEMESTRINA-ADAPTED HIV-2 ISOLATE	\$59,994
2008	UNIVERSITY OF WASHINGTON	WA	R01AI064515	SPYA, A NOVEL S. PYOGENES ADP-RIBOSYLTRANSFERASE	\$382,623

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2008	INSTITUTE FOR SYSTEMS BIOLOGY	WA	R01AI052286	RECOGNITION OF BACTERIAL FLAGELLIN BY MACROPHAGES	\$441,450
2008	WASHINGTON STATE UNIVERSITY	WA	T32AI007025	Infectious Diseases and Microbial Immunology Post-doctoral Training Program	\$279,340
2008	UNIVERSITY OF WASHINGTON	WA	R01AI068431	PROTECTIVE CELLULAR IMMUNE RESPONSES IN HIV-1 DISCORDANT COUPLES	\$620,547
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U19AI065664	PREVENTING PREGNANCY MALARIA: MATERNAL-INFANT OUTCOMES	\$1,367,306
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI073085	HIV INFECTION OF NON-DIVIDING CELLS	\$296,998
2008	PACIFIC NORTHWEST LAB, DIV OF BATTELLE MEMORIAL INST	WA	R01AI080502	RAPID ASSAY FOR INTERNALIZED RADIONUCLIDES WITH ADVANCED MATERIALS AND METHODS	\$523,509
2008	UNIVERSITY OF WASHINGTON	WA	K23AI071257	EFFECT OF SUPPRESSIVE THERAPY ON BEHAVIORAL DETERMINANTS OF HSV-2 TRANSMISSION	\$126,392
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	U01AI075641	TRYPANOSOME DRUG DEVELOPMENT CONSORTIUM	\$412,106
2008	UNIVERSITY OF WASHINGTON	WA	K08AI073739	PROGESTERONE & ESTROGEN DIFFERENTIALLY REGULATE DC FUNCTION IN LUPUS AUTOIMMUNITY	\$122,040
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R21AI072681	FUNCTIONAL ANALYSIS OF LARGE PLASMODIUM FALCIPARUM GENES	\$234,214
2008	UNIVERSITY OF WASHINGTON	WA	F32AI077352	IDENTIFYING THE LINK BETWEEN HIV-1 GAG ASSEMBLY AND BUDDING	\$46,826
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI054280	TOOLS FOR TESTING HIV IMMUNE-CONTROL AND VACCINE MODELS	\$169,713
2008	WASHINGTON STATE UNIVERSITY	WA	R01AI044005	ANTIGENIC VARIATION IN MICROBIAL TRANSMISSION	\$273,096
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI045659	ALLOIMMUNITY IN AUTOIMMUNE DISEASE	\$399,265
2008	UNIVERSITY OF WASHINGTON	WA	R01AI044486	The Salmonella Typhimurium SigmaE Regulon	\$371,495
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI044259	TSLP RECEPTOR IN THE REGULATION OF CELL DEVELOPMENT	\$298,299
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI038382	HPV CAPSID ANTIBODIES	\$316,257
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R01AI068731	TSLP and the Pathophysiology of Asthma	\$435,793
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI065935	T. BRUCEI MITOCHONDRIAL PROTEOME	\$812,562
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F32AI068303	EDITOSOME PROTEIN-RNA INTERACTIONS IN TRYPANOSOMES	\$52,048
2008	UNIVERSITY OF WASHINGTON	WA	K23AI060464	LIPODYSTROPHY AMONG HIV-INFECTED PATIENTS	\$126,306

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2008	UNIVERSITY OF WASHINGTON	WA	T32AI007411	TRAINING BASIC AND PHYSICIAN SCIENTISTS IN IMMUNOLOGY	\$215,836
2008	UNIVERSITY OF WASHINGTON	WA	K23AI054162	HHV-8 TRANSMISSION AMONG MEN WHO HAVE SEX WITH MEN	\$54,000
2008	UNIVERSITY OF WASHINGTON	WA	R21AI074609	ALTERNATIVES TO ANTIBIOTIC RESISTANCE SELECTIVE MARKERS FOR FRANCISELLA	\$188,638
2008	UNIVERSITY OF WASHINGTON	WA	R01AI044130	IMMUNOREGULATION OF MURINE CD8+ T CELLS	\$286,797
2008	UNIVERSITY OF WASHINGTON	WA	K23AI065222	HAART ADHERENCE INTERVENTIONS IN AFRICA: AN RCT	\$128,407
2008	UNIVERSITY OF WASHINGTON	WA	R01AI061816	MOLECULAR MECHANISMS OF REGULATORY T CELL DEVELOPMENT	\$344,429
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	U01AI068615	LEADERSHIP FOR HIV/AIDS CLINICAL TRIALS NETWORKS; MICROBICIDE TRIALS NETWORK	\$7,116,100
2008	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	WA	R21AI079951	THE ROLE OF THE CYTOKINE TSLP IN FOOD ALLERGY	\$274,500
2008	UNIVERSITY OF WASHINGTON	WA	K01AI079270	HPV INFECTIONS IN OLDER WOMEN	\$116,138
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R21AI072547	TRANSGENERATIONAL MICROCHIMERISM IN PREGNANCY LOSS	\$251,601
2008	UNIVERSITY OF WASHINGTON	WA	F32AI078768	HIV-1 POTENTLY ANTAGONIZES INNATE CELLULAR SIGNALING PATHWAYS BY TARGETING IRF3	\$46,826
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI076105	THE ROLE OF ANTIBODIES IN MOTHER TO CHILD HIV TRANSMISSION	\$456,703
2008	UNIVERSITY OF WASHINGTON	WA	R01AI050940	DYNAMIC PROPERTIES OF BACTERIAL ADHESINS	\$489,068
2008	UNIVERSITY OF WASHINGTON	WA	T32AI007450	CLINICAL RESEARCH ON AIDS TRAINING GRANT	\$141,955
2008	UNIVERSITY OF WASHINGTON	WA	R01AI062859	MUCOSAL INNATE IMMUNITY TO SALMONELLA INFECTION	\$334,345
2008	WASHINGTON STATE UNIVERSITY	WA	K02AI073101	LENTIVIRUS CONTROL BY CTL AND NEUTRALIZING ANTIBODY	\$142,020
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI057592	IMMUNE RESPONSE TO P. VIVAX IN DUFFY (-) HUMANS	\$425,871
2008	UNIVERSITY OF WASHINGTON	WA	R01AI045820	PATHOGENIC ADAPTATION OF MICROBIAL ADHESINS	\$297,196
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R01AI032042	METHODS FOR EVALUATING VACCINE EFFICACY	\$438,180
2008	WASHINGTON STATE UNIVERSITY	WA	R01AI053692	IMMUNOGENICITY OF THE TYPE IV SECRETIN SYSTEM	\$373,750
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	R01AI047708	VACCINE EFFICACY OF MODIFIED HIV ENVELOPES	\$631,882
2008	UNIVERSITY OF WASHINGTON	WA	R01AI054503	HOST-RESPONSES TO MYCOBACTERIUM INFECTION IN ZEBRAFISH	\$377,780

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2008	UNIVERSITY OF WASHINGTON	WA	K23AI065243	PRIMARY HIV INFECTION: THE PUBLIC HEALTH PERSPECTIVE	\$125,772
2008	UNIVERSITY OF WASHINGTON	WA	R01AI042143	Treponema pallidum:Pathogenesis-associated molecules	\$365,408
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R37AI042528	CYTOTOXIC T-CELL RESPONSES TO HSV: HIV-INFECTED PERSONS	\$326,607
2008	UNIVERSITY OF WASHINGTON	WA	K24AI071113	Clinical Research in HSV Infections	\$156,342
2008	UNIVERSITY OF WASHINGTON	WA	R01AI060389	The Host Response to Hepatitis C Virus	\$383,372
2008	UNIVERSITY OF WASHINGTON	WA	R01AI067653	POLYMYXIN-RESISTANT PSEUDOMONAS IN CF LUNG INFECTION	\$571,018
2008	UNIVERSITY OF WASHINGTON	WA	R56AI078781	REGULATION OF APOBEC3G ENZYMATIC ACTIVITY IN HIV-INFECTED PRIMARY HUMAN T CELLS	\$373,500
2008	UNIVERSITY OF WASHINGTON	WA	R01AI074661	Biomaterials that Promote Infection Immunity	\$451,802
2008	SEATTLE CHILDREN'S HOSPITAL	WA	R21AI072459	ROLE OF PHASE-VARIABLE DNA METHYLASE IN VIRULENCE OF HAEMOPHILUS INFLUENZAE	\$281,057
2008	UNIVERSITY OF WASHINGTON	WA	R03AI074359	THE IMPORTANCE OF EARLY SEXUAL EXPERIENCES AMONG MEN WHO HAVE SEX WITH MEN	\$63,000
2008	SEATTLE BIOMEDICAL RESEARCH INSTITUTE	WA	F31AI075722	ANALYSIS OF KREPB7-AN INSERTION ENDONUCLEASE-ASSOCIATED ZINC FINGER PROTEIN	\$38,049
2008	INFECTIOUS DISEASE RESEARCH INSTITUTE	WA	R21AI071095	CHARACTERIZATION OF A VACCINE AGAINST CHLAMYDIA TRACHOMATIS	\$205,887
2008	FRED HUTCHINSON CANCER RESEARCH CENTER	WA	R03AI079734	SHWACHMAN-DIAMOND SYNDROME INTERNATIONAL REGISTRY AND REPOSITORY	\$88,000
2008	SEATTLE CHILDREN'S HOSPITAL	WA	K23AI077357	PERSISTENT HIV-1 REPLICATION IN THE RESPIRATORY TRACT DESPITE ART	\$129,465
2008	KINETA INC	WA	R43AI081335	AGONISTS OF THE RIG-I INNATE IMMUNE PATHWAY	\$299,892
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI076700	PRIMING OF ANTIFUNGAL T-CELLS AT MUCOSAL AND SYSTEMIC SITES	\$183,750
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048087	T CELLS IN GRANULOMATOUS IMMUNE RESPONSES	\$311,216
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007414	Parasitology and Vector Biology Training Program	\$166,997
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI044386	MOLECULAR MECHANISMS OF INFLUENZA PANDEMICS	\$407,730
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI040996	Mechanisms of anti-fungal Vaccine immunity	\$441,773
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI021758	Vaccinia DNA Replication	\$352,300
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI059049	LETHALITY OF H5N1 INFLUENZA VIRUS IS LINKED TO TGF-BETA	\$268,076

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2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI049120	A NOVEL, LOGICAL APPROACH TO HIV VACCINE DEVELOPMENT	\$943,623
2008	FEDERATION OF CLINICAL IMMUNOLOGY SOCIETIES	WI	R13AI059272	FOCIS NEW INVESTIGATOR TRAVEL AWARDS (2004-2008)	\$28,000
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI068841	ENHANCEMENT OF CD8 T CELL IMMUNITY BY IL-7 THERAPY	\$176,570
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI055397	Microbes In Health And Disease	\$236,299
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI076731	ANTIGEN SPECIFIC THERAPY FOR BULLOUS PEMPHIGOID	\$227,250
2008	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R03AI073498	ANTIBIOTICS DISCOVERY FROM THE GREAT LAKES	\$72,447
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI072638	TRAFFIC FROM CHRONIC MYCOBACTERIUM INDUCED GRANULOMAS	\$181,745
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI051669	M. TUBERCULOSIS GENES REGULATING PERSISTENT INFECTION	\$334,398
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI025557	A CHARACTERIZATION OF BACULOVIRUS EARLY GENE EXPRESSION	\$299,435
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI012710	MECHANISMS OF NONSTERILIZING IMMUNITY IN MALARIA	\$294,118
2008	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI063016	EPITOPE SELECTION BY HLA-DR	\$297,653
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI035681	MOLECULAR PATHOGENESIS OF BLASTOMYCOSIS	\$333,449
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI057757	REGULATION PANETH CELL DEFENSINS BY BACTERIAL INFECTION	\$317,071
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI060646	HOST RANGE RESTRICTION OF HUMAN INFLUENZA VIRUSES	\$311,211
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI060777	STRUCTURAL DETERMINANTS OF CD1D-RESTRICTED TCR FUNCTION	\$268,058
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI064828	MOLECULAR MECHANISMS OF NATURAL KILLER CELL ACTIVATION	\$327,675
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065728	Decoding the pathogenic interactome of Aspergillus fumigatus	\$339,855
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U01AI074515	NANOEMULSIONS AS NOVEL ADJUVENTS FOR INFLUENZA VIRUS VACCINES	\$587,319
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074592	D-AMINO ACID AND TELLURITE RESISTANCE IN NIAID CATEGORY A BACTERIAL PATHOGENS	\$216,311
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI072605	GAIN AND LOSS OF THE GONOCOCCAL GENETIC ISLAND IN NEISSERIA	\$212,438
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI057744	RECEPTORS FOR CLOSTRIDIAL NEUROTOXINS	\$333,346

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2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI077988	MULTIPLIED POC DEVICE FOR ANTIGEN/MOLECULAR DETECTION OF INFLUENZA & OTHER VIRUSES	\$500,000
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI077560	ADHESION OF LEPTOSPIRA INTERROGANS TO HUMAN CELL SURFACE RECEPTORS	\$189,375
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074995	PLASMODIUM FALCIPARUM INFECTION OF THE HUMANIZED NOD/SCID/IL2R(GAMMA)(NULL) MOUSE	\$183,750
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R03AI077345	ELUCIDATION OF CRYPTOSPORIDIUM VIRULENCE MECHANISMS USING TOXOPLASMA GONDII	\$69,740
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI068493	MECHANISMS UNDERLYING DENDRITIC CELL-MEDIATED HIV TRANSMISSION	\$288,623
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI050661	Vibrio fischeri as a model of Bacterial Colonization	\$370,838
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI043346	ARTIFICIAL POLYMERIC LIPOPROTEINS AS DRUG CARRIERS	\$140,518
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI069274	Transmissibility of avian influenza viruses in mammals	\$485,519
2008	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	U19AI062627	ROBUST T-CELL IMMUNITY TO INFLUENZA IN HUMAN POPULATIONS	\$2,321,915
2008	TFX BIOSCIENCE	WI	R43AI064959	THERAPEUTIC INTERVENTION FOR BRUCELLA	\$299,097
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI019769	IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS	\$392,505
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI049577	ACTIVITY OF PSEUDOMONAS TYPE III TOXINS	\$371,554
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI073346	NOVEL IMMUNOTHERAPY OF AFRICAN TRYPANOSOMIASIS	\$220,500
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI065850	DISCOVERING NEW ANTI-TUBERCULOSIS DRUGS	\$302,740
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI059804	DIRECT REGULATION OF CD8 T CELLS BY INTERFERON GAMMA	\$270,678
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI068062	REGULATION OF MAST CELL FUNCTION BY INHIBITORY MOLECULES	\$309,238
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067518	MATERNAL FLU INFECTION AND BRAIN DEVELOPMENT IN PRIMATES	\$426,887
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063441	REGULATION OF GENE EXPRESSION IN FRANCISELLA	\$360,779
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI060018	MECHANISMS OF AVIAN HEPADNAVIRUS REPLICATION	\$332,989
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063620	VACCINIA ENCODED KINASES AND PHOSPHATASES	\$352,300
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI052218	IN VITRO GLYCORANDOMIZATION OF NATURAL PRODUCTS	\$356,829

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2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI063325	CONFORMATIONAL DUALITY IN THE HUMAN CHEMOKINE LTN/XCL1	\$264,116
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K25AI057358	T CELL COMPARTMENT DYNAMICS FOLLOWING THYMECTOMY	\$142,016
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI071928	REGULATION OF LATENT-LYTIC SWITCH IN EBV BY ZEB	\$350,063
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	T32AI007635	Wisconsin Allergy Research Training (WISCART) Program	\$229,305
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI074984	Role of Daxx degradation by pp71 during the Human Cytomegalovirus life cycle	\$326,365
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI079656	HIGH RESOLUTION ANALYSIS OF RIBOSOME-BOUND NASCENT POLYPEPTIDES BY NMR	\$204,391
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071947	IDENTIFICATION AND PRECLINICAL TESTING OF MICROBICIDES	\$483,168
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073558	Brucella epitope recognition by CD8+T cells	\$367,500
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI077376	Adoptive transfer of immunity elicited by attenuated HIV vaccines	\$677,672
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063326	SYNTHETIC LIGANDS FOR MODULATING BACTERIAL COMMUNICATION	\$235,467
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI064287	SEXUAL DEVELOPMENT IN CRYPTOCOCCUS NEOFORMANS	\$296,883
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI015429	STRUCTURE AND FUNCTION OF ASCARIS NEUROPEPTIDES	\$340,540
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI059505	MOLECULAR ANALYSIS FO BORRELIA P66-INTEGRIN BINDING	\$308,945
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI034998	ROLE OF GLYCOPROTEIN B IN HCMV INFECTION	\$304,649
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U24CA076518	A Data Resource for Analyzing Blood and Marrow Transplants	\$3,082,752
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI037083	LYSOZYMES AND IMMUNITY IN ANOPHELES GAMBIAE	\$245,043
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI076114	MINIGENE VACCINATION WITH EARLY PRESENTED VIRAL PROTEINS	\$652,374
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	U19AI070503	MECHANISMS OF RHINOVIRUS-INDUCED EXACERBATIONS OF ASTHMA	\$1,123,392
2008	LUCIGEN CORP	WI	R43AI081521	MASSIVELY PARALLEL SINGLE CELL GENOMICS OF THE HUMAN MICROBIOME	\$124,400
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI065023	CHARACTERIZING TOXOPLASMA GONDII ENCYSTATION MUTANTS	\$52,898
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R56AI074940	FUNCTIONS OF NKT CELL AUTOREACTIVITY	\$330,245
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R33AI071197	DATA-DRIVEN COMPUTATIONAL MODELING OF THE GROWTH AND SPREAD OF VIRUSES	\$346,576

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2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI066235	IN VIVO TRANSCRIPTIONAL ANALYSIS OF CHRONIC TUBERCULOSIS.	\$144,207
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI048785	REGULATION OF CD8 T CELL IMMUNITY BY CDK INHIBITOR P27KIP1	\$359,980
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067698	HEMOCYTE TRANSCRIPTOME AND IMMUNITY IN AEADES AEGYPTI	\$346,491
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI063596	The Chemistry and Biology of Galactofuranose Residues	\$299,427
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI067422	INTRACELLULAR TRANSFER OF CHOLESTEROL IN MOSQUITOES	\$242,850
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI073289	Function And Genetic Control of Matrix Carbohydrates in Candida Biofilms	\$367,370
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R21AI076722	DISCOVERY OF NOVEL IMMUNOEVASINS FROM HHV-6 AND -7	\$224,160
2008	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI079087	PLCgammas in B Cell Biology and Autoimmunity	\$400,000
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R56AI078713	DISSECTION OF CELLULAR INTERACTIONS WITH INTEGRATED FUNCTIONAL GENOMICS IN COMPLE	\$378,750
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI077472	VACCINE REGIMENS TO INDUCE CD4+ AND CD8 + T CELLS AGAINST SIV EPITOPES	\$179,874
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	RC1AI081294	DEVELOPMENT OF ACE INHIBITOR AS COUNTERMEASURE FOR RADIATION-INDUCED LUNG INJURY	\$997,425
2008	ALPHA UNIVERSE LLC	WI	R43AI071676	NOVEL APPROACH FOR FAST AND ECONOMIC MANUFACTURING OF HUMAN ANTIBODIES	\$270,020
2008	BELLBROOK LABS LLC	WI	R41AI077296	MICROFLUIDIC VIRAL INFECTION ASSAY	\$299,699
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI035739	Secretion, protein targeting, and lipid metabolism in African Trypanosomes	\$299,172
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058024	SITE-DIRECTED SPIN LABELING OF ARNT	\$209,288
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI061436	FUNCTIONAL GENOMICS OF MOLLUSCAN SCHISTOSOME DEVELOPMENT	\$335,848
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI074607	SELECTABLE BIOMARKERS FOR PATHOGENIC BURKHOLDERIA	\$108,155
2008	UNIVERSITY OF WISCONSIN MILWAUKEE	WI	R21AI076970	MICROBIAL COMMUNITY PROFILING OF SEWAGE CONTAMINATION IN THE GREAT LAKES	\$236,530
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI069099	MECHANISMS OF IMMUNE EVASION BY HHV-6 AND HHV-7 U21	\$334,398
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI072588	A PROTEOMIC APPROACH TO BIOMARKER DISCOVERY IN PRION DISEASE	\$136,830
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI066219	Maternal Microchimerism and Neonatal Tolerance	\$277,120

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2008	BLOOD CENTER OF SOUTHEASTERN WISCONSIN, INC	WI	R01AI069358	THE ROLE OF B CELLS IN REGULATING AUTOIMMUNITY	\$400,000
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	F32AI072817	EMPLOYING TOXOPLASMA GONDII VIRULENCE MUTANTS TO EXAMINE PROTECTIVE IMMUNITY	\$49,646
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047958	Type IV Secretion by Neisseria gonorrhoeae	\$356,220
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI058072	Structural Basis for Chemokine Function	\$246,610
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	R01AI030162	Mechanisms of Bacterial Toxin Action	\$317,071
2008	MARSHFIELD MEDICAL RESEARCH FOUNDATION	WI	R01AI061385	MOLECULAR EPIDEMIOLOGY OF COMMUNITY-ASSOCIATED MRSA	\$367,794
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	K08AI071004	MOLECULAR MECHANISMS THAT REGULATE PHASE TRANSITION IN DIMORPHIC FUNGI	\$130,950
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R01AI047446	INFLUENZA VIRUS ASSEMBLY	\$394,001
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R21AI076734	PRIMATE ENDOMETRIAL RESPONSES TO PLACENTAL MHC CLASS I MOLECULES	\$191,022
2008	MEDICAL COLLEGE OF WISCONSIN, INC	WI	U01AI070428	RAPID POINT-OF-CARE DIAGNOSTIC FOR BIOTERRORISM "A" AGENTS AND PANDEMIC INFLUENZA	\$1,561,105
2008	UNIVERSITY OF WISCONSIN SYSTEM/BOARD OF REGENTS	WI	R37AI052056	The Functional Significance of CTL Escape	\$735,158